Project Details

Project Name	低功耗Wi-Fi+BLE双模模块
Product Type	End Product
TCRL Version:	TCRL 2020-1
Referenced Qualified Design(s)	
Previously Qualified Design Used in this Qualification(s)	154971
Listing Date	2021-07-27
Declaration ID	D056255

Product Listing(s)

Name	Website	Category	Publish Date	Model Number	Description
低功耗Wi-Fi+BLE双模模块		Unique Products	7/27/2021 12:00:00 AM	HF-LPT270	嵌入式 Wi-Fi +BLE模组提供了一种将用户的物理设备连接到Wi-Fi无线网络或者BLE蓝牙直连并提供UART串口等处理数据的解决方案，通过此模组，传统的低端串口设备或MCU控制的设备均可以很方便的接入Wi-Fi或者BLE无线网络，从而实现物联网络控制与管理。集成了所有Wi-Fi&BLE功能的小巧模块，易于集成客户的产品的硬件PCB单板电路上。其配备有内置PCB天线、外置天线连接器
低功耗Wi-Fi+BLE双模模块		Unique Products	7/27/2021 12:00:00 AM	HF-LPT170	嵌入式 Wi-Fi +BLE模组提供了一种将用户的物理设备连接到Wi-Fi无线网络或者BLE蓝牙直连并提供UART串口等处理数据的解决方案，通过此模组，传统的低端串口设备或MCU控制的设备均可以很方便的接入Wi-Fi或者BLE无线网络，从而实现物联网络控制与管理。集成了所有Wi-Fi&BLE功能的小巧模块，易于集成客户的产品的硬件PCB单板电路上。其配备有内置PCB天线、外置天线连接器
低功耗Wi-Fi+BLE双模模块		Unique Products	7/27/2021 12:00:00 AM	HF-LPT570	嵌入式 Wi-Fi +BLE模组提供了一种将用户的物理设备连接到Wi-Fi无线网络或者BLE蓝牙直连并提供UART串口等处理数据的解决方案，通过此模组，传统的低端串口设备或MCU控制的设备均可以很方便的接入Wi-Fi或者BLE无线网络，从而实现物联网络控制与管理。集成了所有Wi-Fi&BLE功能的小巧模块，易于集成客户的产品的硬件PCB单板电路上。其配备有内置PCB天线、外置天线连接器
低功耗Wi-Fi+BLE双模模块		Unique Products	7/27/2021 12:00:00 AM	HF-LPB170	嵌入式 Wi-Fi +BLE模组提供了一种将用户的物理设备连接到Wi-Fi无线网络或者BLE蓝牙直连并提供UART串口等处理数据的解决方案，通过此模组，传统的低端串口设备或MCU控制的设备均可以很方便的接入Wi-Fi或者BLE无线网络，从而实现物联网络控制与管理。集成了所有Wi-Fi&BLE功能的小巧模块，易于集成客户的产品的硬件PCB单板电路上。其配备有内置PCB天线、外置天线连接器
Wport-W70		Unique Products	8/3/2023 12:00:00 AM	Wport-W70	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
HF-LPT271		Unique Products	8/3/2023 12:00:00 AM	HF-LPT271	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Wport-W71		Unique Products	8/3/2023 12:00:00 AM	Wport-W71	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Wport-W75		Unique Products	8/3/2023 12:00:00 AM	Wport-W75	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Wport-WE10		Unique Products	8/3/2023 12:00:00 AM	Wport-WE10	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Elfin-EW40B		Unique Products	8/3/2023 12:00:00 AM	Elfin-EW40B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Elfin-EW41B		Unique Products	8/3/2023 12:00:00 AM	Elfin-EW41B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Elfin-EW42B		Unique Products	8/3/2023 12:00:00 AM	Elfin-EW42B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.

Elfin-EG40B	Unique Products	8/3/2023 12:00:00 AM	Elfin-EG40B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Elfin-EG41B	Unique Products	8/3/2023 12:00:00 AM	Elfin-EG41B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Elfin-EG42B	Unique Products	8/3/2023 12:00:00 AM	Elfin-EG42B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Solar Elf-SEW40B	Unique Products	8/3/2023 12:00:00 AM	Solar Elf-SEW40B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Solar Elf-SEW41B	Unique Products	8/3/2023 12:00:00 AM	Solar Elf-SEW41B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Solar Elf-SEW42B	Unique Products	8/3/2023 12:00:00 AM	Solar Elf-SEW42B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Solar Elf-SEG40B	Unique Products	8/3/2023 12:00:00 AM	Solar Elf-SEG40B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Solar Elf-SEG41B	Unique Products	8/3/2023 12:00:00 AM	Solar Elf-SEG41B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Solar Elf-SEG42B	Unique Products	8/3/2023 12:00:00 AM	Solar Elf-SEG42B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Solar Plug-SWB1	Unique Products	8/3/2023 12:00:00 AM	Solar Plug-SWB1	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Solar Plug-UWB1	Unique Products	8/3/2023 12:00:00 AM	Solar Plug-UWB1	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Solar Plug-RWB1	Unique Products	8/3/2023 12:00:00 AM	Solar Plug-RWB1	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Solar Plug-SGB1	Unique Products	8/3/2023 12:00:00 AM	Solar Plug-SGB1	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Plug and Play-PWB1	Unique Products	8/3/2023 12:00:00 AM	Plug and Play-PWB1	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Plug and Play-AWB1	Unique Products	8/3/2023 12:00:00 AM	Plug and Play-AWB1	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Plug and Play-JWB1	Unique Products	8/3/2023 12:00:00 AM	Plug and Play-JWB1	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Plug and Play-PGB1	Unique Products	8/3/2023 12:00:00 AM	Plug and Play-PGB1	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
HF2411B	Unique Products	8/3/2023 12:00:00 AM	HF2411B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Protoss-PW40B	Unique Products	8/3/2023 12:00:00 AM	Protoss-PW40B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Protoss-PW41B	Unique Products	8/3/2023 12:00:00 AM	Protoss-PW41B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Protoss-PW42B	Unique Products	8/3/2023 12:00:00 AM	Protoss-PW42B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Protoss-PG40B	Unique Products	8/3/2023 12:00:00 AM	Protoss-PG40B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.

Protoss-PG41B	Unique Products	8/3/2023 12:00:00 AM	Protoss-PG41B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Protoss-PG42B	Unique Products	8/3/2023 12:00:00 AM	Protoss-PG42B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Meta-MW40B	Unique Products	8/3/2023 12:00:00 AM	Meta-MW40B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Meta-MW41B	Unique Products	8/3/2023 12:00:00 AM	Meta-MW41B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Meta-MW42B	Unique Products	8/3/2023 12:00:00 AM	Meta-MW42B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Meta-MG40B	Unique Products	8/3/2023 12:00:00 AM	Meta-MG40B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Meta-MG41B	Unique Products	8/3/2023 12:00:00 AM	Meta-MG41B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
Meta-MG42B	Unique Products	8/3/2023 12:00:00 AM	Meta-MG42B	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.
HF-LPB175	Unique Products	8/3/2023 12:00:00 AM	HF-LPB175	UseThis is Wi-Fi+Bluetooth low energy SoC chip for BLE application.

Member Company	shanghai high-flying electronics technology Co.,Ltd	
Declaring Member Contact / Listing Contact Person	**Name**	xiaojun ma
	Address	Room 1002 ,#1Building,No.3000 Longdong Avenue,Pudong District,Shanghai,China
	City	Shanghai
	State	Shanghai
	Country	China
	Postal Code	200000

Complete the Project and Submit Product(s) for Qualification

By typing my name or other symbol of my signature into the "Signature" field below, I agree on behalf of shanghai high-flying electronics technology Co.,Ltd ("Company") to Bluetooth Launch Studio Terms of Use, and I make the following representations and warranties personally and on behalf of Company. The following representations and warranties, together with all project information and the Bluetooth Launch Studio Terms of Use, are the Supplier Declaration of Conformity and Declaration of Compliance described in the Program Reference Document (PRD) and Declaration Process Document (DPD).

☑ I am authorized by Company to submit all of the information included in this project and all information is complete and accurate.

☑ Company does not, by its governing documents or other applicable law, require more than one signatory, a stamp or seal, or a witnessed signature to be legally bound.

☑ I agree on behalf of Company to contract in English and electronically, and adopt the characters and symbols input in the signature field below as my signature, with the same effect as an ink signature.

☑ The products included in this project are owned and distributed by Company under a Product name that identifies Company as the source of the Product. Company has the right to use and reference all Qualified Designs referenced in the project, and the products and referenced Qualified Designs comply with the version of the Bluetooth Specification identified in the project submission.

☑ The product(s) included in this project and the corresponding Qualified Designs comply with the Bluetooth Launch Studio Terms of Use.

If any of the foregoing is not correct or you do not agree, you must exit this form without signing.

Signature:

Xiaojun Ma

BLUETOOTH® LAUNCH STUDIO TERMS OF USE

Last Updated: November 15th, 2022.

These Bluetooth Launch Studio Terms of Use ("**Launch Studio Terms**") are a supplement to the Bluetooth SIG Website Terms of Use ("**WTOU**") and together the Launch Studio Terms and WTOU are a legal agreement (collectively the "**Bluetooth Terms**") between you and Bluetooth SIG, Inc., a Delaware corporation ("**Bluetooth SIG**") that governs your access to and use of the Bluetooth Launch Studio (the "**Launch Studio Tool**").

The Launch Studio Tool is a Service (as defined in the WTOU) offered by Bluetooth SIG. Terms used but not defined in these Launch Studio Terms have the meanings ascribed to them in the WTOU. In the event of a conflict between these Launch Studio Terms and the WTOU, these Launch Studio Terms will govern.

PLEASE READ THE BLUETOOTH TERMS CAREFULLY. BY ACCESSING OR USING THE LAUNCH STUDIO TOOL AND/OR CLICKING TO INDICATE THAT YOU AGREE TO THE LAUNCH STUDIO TERMS, YOU REPRESENT THAT YOU ARE AUTHORIZED TO BIND THE ENTITY UNDER WHOSE BLUETOOTH SIG MEMBERSHIP YOU OBTAINED A USER ACCOUNT AND THAT YOU AND THAT MEMBER AGREE TO BE BOUND BY THE BLUETOOTH TERMS. IF YOU ARE NOT AUTHORIZED OR DO NOT AGREE TO THE BLUETOOTH TERMS, DO NOT ACCESS OR USE THE LAUNCH STUDIO TOOL OR CLICK TO INDICATE THAT YOU AGREE TO THESE LAUNCH STUDIO TERMS.

1. MEMBERSHIP ACCOUNT REQUIREMENT.

To access and use the Launch Studio Tool, you must have an Account (as defined in the WTOU) issued under the membership account of a current Bluetooth SIG member and log into the Launch Studio Tool with that Account. You acknowledge and agree that when you access the Launch Studio Tool that you are doing so on behalf of the member your Account is associated with ("**Member**") and you represent and warrant that you are authorized by Member to access and use the Launch Studio Tool and provide Submissions (defined below) on Member's behalf.

2. BLUETOOTH QUALIFICATION PROCESS.

The "**Bluetooth Qualification Process**" is the process created by Bluetooth SIG for qualifying Products. The Launch Studio Tool is the Bluetooth SIG tool designed to implement the Bluetooth Qualification Process. A "**Product**" means a product that:

(a) if sold, is sold as a single item (consisting of software, firmware, drivers, applications, hardware, or a combination of some or all of the foregoing);

(b) contains one or more Portions; and

(c) if marketed, is marketed under a name and/or trademark that uniquely identifies Member as the source of the product. A "**Portion**" means hardware, software, or a combination of hardware and software that implements a Bluetooth Specification. If the hardware, software, or combination contains or consists of more than an implementation of the Bluetooth specification, the "Portion" is only the implementation of the Bluetooth Specification. "**Bluetooth Specification**" is defined in the Bylaws of Bluetooth SIG.

3. REPRESENTATIONS AND ACKNOWLEDGEMENTS.

(a) You represent and warrant that you have permission to submit to Bluetooth SIG all information and materials (including design information, product information, test reports, and test results) that you provide through the Launch Studio Tool ("**Submissions**") and that all Submissions are true, complete, and accurate.

(b) You represent and warrant that you and Member will comply with the SIG Member Terms (as defined in the WTOU).

(c) You represent and warrant that all Submissions that you make through the Launch Studio Tool and all Products listed in your Submissions comply with the SIG Member Terms (as defined in the WTOU) and the Bluetooth Specification(s) referenced in your Submission.

(d) You represent and warrant that the products referenced in your Submissions that you submit to the Bluetooth Qualification Process via the Launch Studio Tool will only be Products that, if marketed or distributed, are done so by Member under a name or trademark that uniquely identifies Member as the source of the Product.

(e) You acknowledge and agree that a product is not a Bluetooth Product under the Bluetooth Trademark License Agreement and you and Member will not market or distribute any product that uses any Bluetooth® trademark on it or in connection with any related marketing, promotion, or advertising unless you or Member have been notified by Bluetooth SIG that it has completed the Bluetooth Qualification Process (e.g., via a confirmation screen or email from Bluetooth SIG expressly stating that that the Product has completed the Bluetooth Qualification Process).

4. FEES AND PAYMENT TERMS.

(a) Bluetooth SIG may charge you fees in connection with the Bluetooth Qualification Process including within the Launch Studio Tool and Submissions (e.g., declaration fees, etc.). The type and amount of fees may change at any time. You agree that Member will pay all fees required by Bluetooth SIG in accordance with the instructions provided within the Launch Studio Tool. Bluetooth SIG may accept credit card payments or, if offered within the Launch Studio Tool, may permit you to pay fees offline. If you choose to pay offline, you will pay the invoice issued to you by Bluetooth SIG, according to the terms stated in the invoice. If you provide credit card payment information, you agree that Bluetooth SIG or its third party payment processor may charge your credit card immediately. You acknowledge that, until Bluetooth SIG has processed your payment and received the funds: you and Member will not acquire any of the rights or benefits for those fees. All sales are final and all payments are nonrefundable.

(b) If you receive a discount on any fees based on your Member's level of membership and your Member's membership level changes (e.g., the Member moves from an associate to an adopter level), you will no longer be entitled to receive the discount and any fees owed and any outstanding invoices from Bluetooth SIG as of the date of the membership level change will be increased to reflect the amount owed without the discount. Further, if you prepaid any declaration fees and received a discount and you have not used the declaration fees as of the date of the membership level change, you may not use the declaration fees unless you pay the difference between the then-current standard fee and the discounted fee previously paid.

(c) Declaration Fees. When required by Bluetooth SIG, Member must pay a declaration fee prior to completion of the Bluetooth Qualification Process. To confirm payment of the declaration fee, Bluetooth SIG will issue a unique identification number ("Declaration ID"), which will be associated with your user account. Any declaration fees you pay are paid by you on behalf of Member regardless of the payment method or source of funds and proof of payment is evidenced by the issuance of a Declaration ID. If requested by Member, Bluetooth SIG may reassign, without notice to you, a Declaration ID from your user account to another user account under the Member's membership account. When required by Bluetooth SIG, Member must provide the Declaration ID in the Submission as proof of payment before completing the Bluetooth Qualification Process. All Declaration IDs not used in a Submission as proof of payment expire 12 months from the date of receipt of payment. No declaration fees will be refunded. All Declaration IDs not used in a Submission as proof of payment are nontransferable.

5. CONFIDENTIALITY OF SUBMISSIONS.

You and the Bluetooth SIG agree that Submissions are Confidential Information subject to the Bluetooth SIG Confidentiality Policy even if you do not label the Submission "Confidential." Notwithstanding anything in the Bluetooth SIG Confidentiality Policy and except as described in the following sentence, you agree that Bluetooth SIG will treat your Submissions as confidential, including by not making them available through the searchable database on Bluetooth SIG's web site until the date that you have selected as the "listing date" within the Launch Studio Tool when you click to submit your Submission. Bluetooth SIG further agrees that

(a) if, when you submit a Submission, the "publish date" in your Submission is after the listing date, the following information will be treated as Member Confidential Information and not included in the searchable database on Bluetooth SIG's web site until the "publish date": product name, product number, category, subset ID (if applicable), publish date, and product description and

(b) the test plan and test evidence provided as part of your Submission will continue to be treated as Member Confidential Information for the period of time required under the Bluetooth SIG Confidentiality Policy regardless of any listing date or publish date in the Submission. To the extent that this Section conflicts with the Bluetooth SIG Confidentiality Policy, this Section supersedes the Bluetooth SIG Confidentiality Policy with respect to Bluetooth SIG's obligations of confidentiality of Submissions.

6. RECORD KEEPING AND AUDIT.

You agree to maintain a complete copy of your Submissions as well as all supporting information and documentation related to each Product you submit for qualification through the Launch Studio Tool ("**Records**") in order to document your compliance with the SIG Member Terms and Bluetooth Specifications. You agree that Bluetooth SIG may request copies of Records relating to or pertaining to your Submissions and all Products referenced therein and you will provide copies of Records and permit Bluetooth SIG and its representatives to audit, examine, and make copies of or extracts from all Records (in whatever form they may be kept, whether written, electronic, or other) in order to verify the truth, accuracy, and completeness of your Submissions as well as compliance with the SIG Member Terms and Bluetooth Specifications. Bluetooth SIG will be responsible for the cost of any audit, unless the audit reveals that any Submission is incomplete or inaccurate or that you, Member, any of your Submissions, or any Product fails to comply with the SIG Member Terms or Bluetooth Specifications, in which case Member will reimburse Bluetooth SIG for the costs of the audit within 30 days after receiving Bluetooth SIG's request for reimbursement.

7. ADDITIONAL DISCLAIMERS.

The Launch Studio Tool is not a record-keeping or storage tool. You are responsible for backing up all of Your Content (as defined in the WTOU) submitted to the Launch Studio Tool. In addition to the disclaimers in the WTOU, Bluetooth SIG does not guarantee that Your Content will not be removed, damaged, corrupted, or lost.

Appendix A

Summary ICS

Table 21: Controller Core Configuration

Item	Capability	Reference	Support	Status	Comment
21/16	Core Specification Version 5.0. Adopted 06 December 2016	Core 5.0	C.1	☑	C.1: Mandatory to support only one Controller Core Specification Version. IF 11/1 "End Product" OR 11/3 "Controller Subsystem" is Supported, Mandatory to Support only one Controller Core Spec version IF (11/4 "Component tested" OR 11/5 "Component non-tested") AND (BB OR LL OR LMP OR RF OR RF-PHY) is Supported, otherwise Excluded.
21/17	Core Erratum 10734 Pairing Updates. Adopted 16 July 2018	Erratum 10734	C.3	☑	C.3: Mandatory IF 21/14 "Core 4.2" OR 21/16 "Core 5.0" is Supported, otherwise Excluded. (Applicable as a separate item in addition to specifications adopted prior to this erratum, integrated in specifications adopted later)
21/19	Core Erratum 11838 Key Size Updates. Adopted 13 August 2019	Erratum 11838	C.4	☑	C.4: Mandatory IF 21/14 "Core 4.2" OR 21/16 "Core 5.0" OR 21/18 "Core 5.1" is Supported, otherwise Excluded. (Applicable as a separate item in addition to specifications adopted prior to this erratum, integrated in specifications adopted later)

Table 22: EDR Features

Item	Capability	Reference	Support	Status	Comment

Table 31: Host Core Specification

Item	Capability	Reference	Support	Status	Comment
31/19	Core Specification Version 5.0. Adopted 06 December 2016	Core 5.0	C.1	☑	C.1: Mandatory to support one and only one Host Core Specification Version. IF 11/1 "End Product" OR 11/2 "Host Subsystem" is Supported, Mandatory to Support only one Host Core Spec version IF (11/4 "Component tested" OR 11/5 "Component non-tested") AND (ATT OR GAP OR GATT OR L2CAP OR SDP OR SM) is Supported, otherwise Excluded.

Table 34: LE Host Specification Parts

Item	Capability	Reference	Support	Status	Comment
34/13	Core Erratum 10734 Pairing Updates. Adopted 16 July 2018	Erratum 10734	C.7	☑	C.7: Mandatory IF 31/17 "Core 4.2" OR 31/18 "Core 4.2+HS" OR 31/19 "Core 5.0" is Supported, otherwise Excluded. (Applicable as a separate item in addition to specifications adopted prior to this erratum, integrated in specifications adopted later)
34/15	Core Erratum 11838 Key Size Updates. Adopted 13 August 2019	Erratum 11838	C.9	☑	C.9: Mandatory IF 31/17 "Core 4.2" OR 31/18 "Core 4.2 + HS" OR 31/19 "Core 5.0" OR 31/20 "Core 5.1" is Supported, otherwise Excluded. (Applicable as a separate item in addition to specifications adopted prior to this erratum, integrated in specifications adopted later)

Table 41: AMP Controller Core Specification

Item	Capability	Reference	Support	Status	Comment

Table 42: AMP Controller Specification Parts

Item	Capability	Reference	Support	Status	Comment

Table 51: Low Energy Controller Configuration

Item	Capability	Reference	Support	Status	Comment
51/1	Low Energy Controller	Core 4.0 or Later	C.1	☑	C.1: Mandatory if PROD 2/4 or 2/5 or 2/6 is supported, otherwise Excluded.

Table 52: Low Energy Host Core Specification

Item	Capability	Reference	Support	Status	Comment
52/1	Low Energy Host	Core 4.0 or Later	C.1	☑	C.1: Mandatory if PROD 3/3 or 3/4 or 3/5 is supported, otherwise Excluded.

Product Type

Table 1: Product Types

Item	Capability	Reference	Support	Status	Comment
1/1	End Product	Vol. 0 Part B	C.1	☑	C.1: Mandatory to support one and only one Product Type.

Table 2: Controller Core Configuration

Item	Capability	Reference	Support	Status	Comment
2/4	LE Controller	Vol. 0 Part B	C.1	☑	C.1: Mandatory to support only one Controller Configuration. Optional if 1/2 or 1/3 is Supported.

Table 3: Host Core Configuration

Item	Capability	Reference	Support	Status	Comment
3/3	LE Host	Vol. 0 Part B	C.1	☑	C.1: Mandatory to support only one Host Configuration. Optional if 1/2 or 1/3 is Supported.

4.0 Host Controller Interface

Table 1a: IUT Configuration

Item	Capability	Reference	Support	Status	Comment
1a/4	LE Controller	[1] 1.0	C.0	☑	C.0: Mandatory to support at least one of the defined IUT Configurations.

Table 1: -

Item	Capability	Reference	Support	Status	Comment
1/1	Command Complete event	[1] 7.7.14	M	☑	
1/2	Command Status event	[1] 7.7.15	M	☑	

Table 2: -

Item	Capability	Reference	Support	Status	Comment
2/1	Reset command	[1] 7.3.2	M	☑	

Table 3: -

Item	Capability	Reference	Support	Status	Comment
3/5	LE Read Buffer Size command [v1]	[1] 7.8.2	M	☑	

Table 4: -

Item	Capability	Reference	Support	Status	Comment
4/1	Read Local Version Information command	[1] 7.4.1	M	☑	
4/2	Read Local Supported Commands command	[1] 7.4.2	M	☑	
4/3	Read Local Supported Features command	[1] 7.4.3	M	☑	
4/5	Read BD_ADDR command	[1] 7.4.6	M	☑	
4/8	LE Read Local Supported Features command	[1] 7.8.3	M	☑	
4/9	LE Read Supported States command	[1] 7.8.27	M	☑	

Table 5: -

Item	Capability	Reference	Support	Status	Comment
5/13	LE Set Random Address command	[1] 7.8.4	C.1	☑	C.1: Mandatory IF RF PHY 1/1 "LE Transmitter" OR RF PHY 1/3 "LE Transceiver" is supported, otherwise Excluded.
5/14	LE Read White List Size command	[1] 7.8.14	M	☑	
5/15	LE Add Device To White List command	[1] 7.8.16	M	☑	
5/16	LE Clear White List command	[1] 7.8.15	M	☑	
5/17	LE Remove Device From White List command	[1] 7.8.17	M	☑	
5/44	LE Read Transmit Power command	[5] 7.8.74	Core v.5.0 or later | C.1	☑	Core v.5.0 or later C.1: Mandatory IF RF PHY 1/1 "LE Transmitter" OR RF PHY 1/3 "LE Transceiver" is supported, otherwise Excluded.

Table 6: -

Item	Capability	Reference	Support	Status	Comment
6/15	LE Set Advertising Enable command	[1] 7.8.9	C.97	☑	C.97: Mandatory IF LL 1/1 "Advertising State" is supported, otherwise Excluded.
6/16	LE Set Advertising Parameters command	[1] 7.8.5	C.97	☑	C.97: Mandatory IF LL 1/1 "Advertising State" is supported, otherwise Excluded.
6/17	LE Set Scan Response Data command	[1] 7.8.8	C.15	☑	C.15: Mandatory IF LL 3/5 "Scannable Undirected Events" OR LL 3/5a "Scannable Directed Events" is supported, otherwise Excluded.
6/18	LE Set Advertising Data command	[1] 7.8.7	C.97	☑	C.97: Mandatory IF LL 1/1 "Advertising State" is supported, otherwise Excluded.
6/19	LE Advertising Report event	[1] 7.7.65.2	C.98	☑	C.98: Mandatory IF LL 1/2 "Scanning State" is supported, otherwise Excluded.
6/20	LE Set Scan Enable command	[1] 7.8.11	C.98	☑	C.98: Mandatory IF LL 1/2 "Scanning State" is supported, otherwise Excluded.
6/21	LE Set Scan Parameters command	[1] 7.8.10	C.98	☑	C.98: Mandatory IF LL 1/2 "Scanning State" is supported, otherwise Excluded.
6/22	LE Read Advertising Physical Channel Tx Power command	[1] 7.8.6	C.97	☑	C.97: Mandatory IF LL 1/1 "Advertising State" is supported, otherwise Excluded.

Table 7: -

Item	Capability	Reference	Support	Status	Comment
7/5	Disconnect command	[1] 7.1.6	C.3a	☑	C.3a: Mandatory IF HCI 1a/1 "BR/EDR" OR HCI 1a/3 "AMP" OR LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
7/23	LE Create Connection command	[1] 7.8.12	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
7/24	LE Create Connection Cancel command	[1] 7.8.13	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
7/25	LE Connection Complete event	[1] 7.7.65.1	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
7/26	Disconnection Complete event	[1] 7.7.5	C.3a	☑	C.3a: Mandatory IF HCI 1a/1 "BR/EDR" OR HCI 1a/3 "AMP" OR LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
7/27	LE Connection Update command	[1] 7.8.18	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
7/28	LE Connection Update Complete event	[1] 7.7.65.3	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
7/35	LE Remote Connection Parameter Request Reply command	[1] 7.8.31	C.6	☑	C.6: Mandatory IF LL 9/3 "Connection Parameters Request procedure" is supported, otherwise Excluded.
7/36	LE Remote Connection Parameter Request Negative Reply command	[1] 7.8.32	C.6	☑	C.6: Mandatory IF LL 9/3 "Connection Parameters Request procedure" is supported, otherwise Excluded.
7/37	LE Remote Connection Parameter Request event	[1] 7.7.65.6	C.6	☑	C.6: Mandatory IF LL 9/3 "Connection Parameters Request procedure" is supported, otherwise Excluded.
7/42	LE Channel Selection Algorithm event	[5] 7.7.65.20	Core v.5.0 or later | C.23	☑	Core v.5.0 or later C.23: Mandatory IF LL 9/10 "Channel Selection Algorithm #2" is supported, otherwise Excluded.

Table 8: -

Item	Capability	Reference	Support	Status	Comment
8/5b	Read Remote Version Information command on LE	[1] 7.1.23	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
8/6	LE Read Remote Features command	[1] 7.8.21	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
8/7	LE Read Remote Features Complete event	[1] 7.7.65.4	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
8/8b	Read Remote Version Information Complete event on LE	[1] 7.7.12	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.

Table 10: -

Item	Capability	Reference	Support	Status	Comment
10/12	LE Set Data Length command	[4] 7.8.33	C.8	☑	C.8: Mandatory IF LL 9/6 "LE Data Packet Length Extension" is supported, otherwise Optional.
10/13	LE Data Length Change event	[4] 7.7.65.7	C.8	☑	C.8: Mandatory IF LL 9/6 "LE Data Packet Length Extension" is supported, otherwise Optional.
10/14	LE Read Suggested Default Data Length command	[4] 7.8.34	C.8	☑	C.8: Mandatory IF LL 9/6 "LE Data Packet Length Extension" is supported, otherwise Optional.
10/15	LE Write Suggested Default Data Length command	[4] 7.8.35	C.8	☑	C.8: Mandatory IF LL 9/6 "LE Data Packet Length Extension" is supported, otherwise Optional.
10/16	LE Read Maximum Data Length command	[4] 7.8.46	C.8	☑	C.8: Mandatory IF LL 9/6 "LE Data Packet Length Extension" is supported, otherwise Optional.

Table 13: -

Item	Capability	Reference	Support	Status	Comment
13/8	LE Set Host Channel Classification command	[1] 7.8.19	C.36	☑	C.36: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Optional IF LL 3/9 "Extended Advertising" OR LL 9/33 (Isochronous Broadcaster) is supported, otherwise Excluded.

Table 14: -

Item	Capability	Reference	Support	Status	Comment
14/2	Set Event Mask command	[1] 7.3.1	M	☑	
14/12	Number of Completed Packets event	[1] 7.7.19	C.3a	☑	C.3a: Mandatory IF HCI 1a/1 "BR/EDR" OR HCI 1a/3 "AMP" OR LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
14/14	LE Set Event Mask command	[1] 7.8.1	M	☑	

Table 15: -

Item	Capability	Reference	Support	Status	Comment
15/2c	Read Transmit Power Level command on LE	[1] 7.3.35	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
15/4c	Read RSSI command on LE	[1] 7.5.4	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
15/8	LE Read Channel Map command	[1] 7.8.20	C.3	☑	C.3: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.

Table 16: -

Item	Capability	Reference	Support	Status	Comment
16/32	LE Encrypt command	[1] 7.8.22	C.4		C.4: Mandatory IF LL 9/1 "LE Encryption" is supported, otherwise Excluded.

				☑	
16/33	LE Rand command	[1] 7.8.23	C.4	☑	C.4: Mandatory IF LL 9/1 "LE Encryption" is supported, otherwise Excluded.
16/34	LE Long Term Key Request Reply command	[1] 7.8.25	C.4	☑	C.4: Mandatory IF LL 9/1 "LE Encryption" is supported, otherwise Excluded.
16/35	LE Enable Encryption command	[1] 7.8.24	C.4	☑	C.4: Mandatory IF LL 9/1 "LE Encryption" is supported, otherwise Excluded.
16/36	LE Long Term Key Request event	[1] 7.7.65.5	C.4	☑	C.4: Mandatory IF LL 9/1 "LE Encryption" is supported, otherwise Excluded.
16/37b	Encryption Change event on LE	[1] 7.7.8	C.4	☑	C.4: Mandatory IF LL 9/1 "LE Encryption" is supported, otherwise Excluded.
16/38b	Encryption Key Refresh Complete event on LE	[1] 7.7.39	C.4	☑	C.4: Mandatory IF LL 9/1 "LE Encryption" is supported, otherwise Excluded.
16/39	LE Long Term Key Request Negative Reply command	[1] 7.8.26	C.4	☑	C.4: Mandatory IF LL 9/1 "LE Encryption" is supported, otherwise Excluded.
16/50	LE Read Local P-256 Public Key command	[4] 7.8.36	O	☑	
16/51	LE Generate DHKey command [v1]	[4] 7.8.37	C.99	☑	C.99: Mandatory IF HCI 16/51a "LE Generate DHKey command [v2]" is supported, otherwise Optional.
16/52	LE Read Local P-256 Public Key Complete event	[4] 7.7.65.8	O	☑	
16/53	LE Generate DHKey Complete event	[4] 7.7.65.9	O	☑	

Table 17: -

Item	Capability	Reference	Support	Status	Comment
17/7	LE Receiver Test command [v1]	[1] 7.8.28	C.2	☑	C.2: Mandatory IF RF PHY 1/2 "LE Receiver" OR RF PHY 1/3 "LE Transceiver" is supported, otherwise Excluded.
17/8	LE Transmitter Test command [v1]	[1] 7.8.29	C.1	☑	C.1: Mandatory IF RF PHY 1/1 "LE Transmitter" OR RF PHY 1/3 "LE Transceiver" is supported, otherwise Excluded.
17/9	LE Test End command	[1] 7.8.30	M	☑	

Table 20: -

Item	Capability	Reference	Support	Status	Comment

Attribute Protocol

Table 1: Role

Item	Capability	Reference	Support	Status	Comment
1/1	Attribute Protocol Client	[1] ATT 1.1; [2] GAP 12	O	☑	
1/2	Attribute Protocol Server	[1] ATT 1.1, [2] GAP 12	M	☑	

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Attribute Protocol Supported over LE	[1] ATT 1.3	C.2	☑	C.2: Mandatory IF (SUM ICS 12/7 "Bluetooth Low Energy Core Host Configuration" OR SUM ICS 12/9 "Bluetooth Basic Rate and Low Energy Combined Core Host Configuration" is supported), otherwise Excluded.

Table 3: Attribute Protocol Client Messages

Prerequisite: ATT 1/1 "Attribute Protocol Client"

Item	Capability	Reference	Support	Status	Comment
3/1	Attribute Error Response	[1] ATT, 3.4.1.1	M	☑	
3/2	Exchange MTU Request	[1] ATT, 3.4.2.1	C.11	☑	C.11: Mandatory IF GATT 3/1 "Exchange MTU" is supported, otherwise Optional.
3/3	Exchange MTU	[1] ATT,	C.1	☑	C.1: Mandatory IF ATT 3/2 "Exchange MTU Request" is supported, otherwise Excluded.

	Response	3.4.2.2			
3/4	Find Information Request	[1] ATT, 3.4.3.1	C.13	☑	C.13: Mandatory IF GATT 3/7 "Discover All Characteristic Descriptors" is supported, otherwise Optional.
3/5	Find Information Response	[1] ATT, 3.4.3.2	C.9	☑	C.9: Mandatory IF ATT 3/4 "Find Information Request" is supported, otherwise Excluded.
3/6	Find by Type Value Request	[1] ATT, 3.4.4.3	C.12	☑	C.12: Mandatory IF GATT 3/3 "Discover Primary Services by Service UUID" is supported, otherwise Optional.
3/7	Find by Type Value Response	[1] ATT, 3.4.4.4	C.2	☑	C.2: Mandatory IF ATT 3/6 "Find by Type Value Request" is supported, otherwise Excluded.
3/8	Read by Type Request	[1] ATT, 3.4.4.1	C.15	☑	C.15: Mandatory IF GATT 3/9 "Read Using Characteristic UUID" is supported, otherwise Optional.
3/9	Read by Type Response	[1] ATT, 3.4.4.2	C.3	☑	C.3: Mandatory IF ATT 3/8 "Read by Type Request" is supported, otherwise Excluded.
3/10	Read Request	[1] ATT, 3.4.4.3	C.14	☑	C.14: Mandatory IF GATT 3/8 "Read Characteristic Value" OR GATT 3/19 "Read Characteristic Descriptors" is supported, otherwise Optional.
3/11	Read Response	[1] ATT, 3.4.4.4	C.10	☑	C.10: Mandatory IF ATT 3/10 "Read Request" is supported, otherwise Excluded.
3/12	Read Blob Request	[1] ATT, 3.4.4.5	C.16	☑	C.16: Mandatory IF GATT 3/10 "Read Long Characteristic Values" OR GATT 3/20 "Read Long Characteristic Descriptors" is supported, otherwise Optional.
3/13	Read Blob Response	[1] ATT, 3.4.4.6	C.4	☑	C.4: Mandatory IF ATT 3/12 "Read Blob Request" is supported, otherwise Excluded.
3/14	Read Multiple Request	[1] ATT, 3.4.4.7	C.17	☑	C.17: Mandatory IF GATT 3/11 "Read Multiple Characteristic Values" is supported, otherwise Optional.
3/15	Read Multiple Response	[1] ATT, 3.4.4.8	C.5	☑	C.5: Mandatory IF ATT 3/14 "Read Multiple Request" is supported, otherwise Excluded.
3/16	Read by Group Type Request	[1] ATT, 3.4.4.9	O	☑	
3/17	Read by Group Type Response	[1] ATT, 3.4.4.10	C.6	☑	C.6: Mandatory IF ATT 3/16 "Read by Group Type Request" is supported, otherwise Excluded.
3/18	Write Request	[1] ATT, 3.4.5.1	C.20	☑	C.20: Mandatory IF GATT 3/14 "Write Characteristic Value" OR GATT 3/21 "Write Characteristic Descriptors" is supported, otherwise Optional.
3/19	Write Response	[1] ATT, 3.4.5.2	C.7	☑	C.7: Mandatory IF ATT 3/18 "Write Request" is supported, otherwise Excluded.
3/20	Write Command	[1] ATT, 3.4.5.3	C.18	☑	C.18: Mandatory IF GATT 3/12 "Write without Response" is supported, otherwise Optional.
3/22	Prepare Write Request	[1] ATT, 3.4.6.1	C.21	☑	C.21: Mandatory IF GATT 3/15 "Write Long Characteristic Values" OR GATT 3/16 "Characteristic Value Reliable Writes" OR GATT 3/22 "Write Long Characteristic Descriptors" is supported, otherwise Optional.
3/23	Prepare Write Response	[1] ATT, 3.4.6.2	C.8	☑	C.8: Mandatory IF ATT 3/22 "Prepare Write Request" is supported, otherwise Excluded.
3/24	Execute Write Request	[1] ATT, 3.4.6.3	C.8	☑	C.8: Mandatory IF ATT 3/22 "Prepare Write Request" is supported, otherwise Excluded.
3/25	Execute Write Response	[1] ATT, 3.4.6.4	C.8	☑	C.8: Mandatory IF ATT 3/22 "Prepare Write Request" is supported, otherwise Excluded.
3/26	Handle Value Notification	[1] ATT, 3.4.7.1	C.22	☑	C.22: Mandatory IF GATT 3/17 "Notifications" OR ATT 2/3 "Enhanced ATT bearer Attribute Protocol Supported (L2CAP fixed EATT PSM supported)" is supported, otherwise Optional.
3/27	Handle-Value Indication	[1] ATT, 3.4.7.2	C.23	☑	C.23: Mandatory IF GATT 3/18 "Indications" is supported, otherwise Optional.
3/28	Handle Value Confirmation	[1] ATT, 3.4.7.3	C.24	☑	C.24: Mandatory IF ATT 3/27 "Handle-Value Indication" is supported, otherwise Excluded.
3/29	Client Timeout	[1] ATT, 3.3.3	C.24	☑	C.24: Mandatory IF ATT 3/27 "Handle-Value Indication" is supported, otherwise Excluded.

Table 4: Attribute Protocol Server Messages

Prerequisite: ATT 1/2 "Attribute Protocol Server"

Item	Capability	Reference	Support	Status	Comment
4/1	Attribute Error Response	[1] ATT, 3.4.1.1	M	☑	
4/2	Exchange MTU Request	[1] ATT, 3.4.2.1	C.18	☑	C.18: Mandatory IF GATT 4/1 "Exchange MTU" is supported, otherwise Optional.
4/3	Exchange MTU	[1] ATT,	C.19		C.19: Mandatory IF ATT 4/2 "Exchange MTU Request" is supported, otherwise Excluded.

	Response	3.4.2.2		☑	
4/4	Find Information Request	[1] ATT, 3.4.3.1	M	☑	
4/5	Find Information Response	[1] ATT, 3.4.3.2	M	☑	
4/6	Find by Type Value Request	[1] ATT, 3.4.4.3	M	☑	
4/7	Find by Type Value Response	[1] ATT, 3.4.4.4	M	☑	
4/8	Read by Type Request	[1] ATT, 3.4.4.1	M	☑	
4/9	Read by Type Response	[1] ATT, 3.4.4.2	M	☑	
4/10	Read Request	[1] ATT, 3.4.4.3	M	☑	
4/11	Read Response	[1] ATT, 3.4.4.4	M	☑	
4/12	Read Blob Request	[1] ATT, 3.4.4.5	C.6	☑	C.6: Mandatory IF GATT 4/10 "Read Long Characteristic Values" OR ATT 2/3 "Enhanced ATT bearer Attribute Protocol Supported (L2CAP fixed EATT PSM supported)" is supported, otherwise Optional.
4/13	Read Blob Response	[1] ATT, 3.4.4.6	C.1	☑	C.1: Mandatory IF ATT 4/12 "Read Blob Request" is supported, otherwise Excluded.
4/14	Read Multiple Request	[1] ATT, 3.4.4.7	C.7	☑	C.7: Mandatory IF GATT 4/11 "Read Multiple Characteristic Values" is supported, otherwise Optional.
4/15	Read Multiple Response	[1] ATT, 3.4.4.8	C.2	☑	C.2: Mandatory IF ATT 4/14 "Read Multiple Request" is supported, otherwise Excluded.
4/16	Read by Group Type Request	[1] ATT, 3.4.4.9	M	☑	
4/17	Read by Group Type Response	[1] ATT, 3.4.4.10	M	☑	
4/18	Write Request	[1] ATT, 3.4.5.1	C.10	☑	C.10: Mandatory IF GATT 4/14 "Write Characteristic Value" OR GATT 4/21 "Write Characteristic Descriptors" OR ATT 2/3 "Enhanced ATT bearer Attribute Protocol Supported (L2CAP fixed EATT PSM supported)" is supported, otherwise Optional.
4/19	Write Response	[1] ATT, 3.4.5.2	C.3	☑	C.3: Mandatory IF ATT 4/18 "Write Request" is supported, otherwise Excluded.
4/20	Write Command	[1] ATT, 3.4.5.3	C.8	☑	C.8: Mandatory IF GATT 4/12 "Write Without Response" OR ATT 2/3 "Enhanced ATT bearer Attribute Protocol Supported (L2CAP fixed EATT PSM supported)" is supported, otherwise Optional.
4/22	Prepare Write Request	[1] ATT, 3.4.6.1	C.11	☑	C.11: Mandatory IF GATT 4/15 "Write Long Characteristic Values" OR GATT 4/16 "Characteristic Value Reliable Writes" OR GATT 4/22 "Write Long Characteristic Descriptors" OR ATT 2/3 "Enhanced ATT bearer Attribute Protocol Supported (L2CAP fixed EATT PSM supported)" is supported, otherwise Optional.
4/23	Prepare Write Response	[1] ATT, 3.4.6.2	C.4	☑	C.4: Mandatory IF ATT 4/22 "Prepare Write Request" is supported, otherwise Excluded.
4/24	Execute Write Request	[1] ATT, 3.4.6.3	C.4	☑	C.4: Mandatory IF ATT 4/22 "Prepare Write Request" is supported, otherwise Excluded.
4/25	Execute Write Response	[1] ATT, 3.4.6.4	C.4	☑	C.4: Mandatory IF ATT 4/22 "Prepare Write Request" is supported, otherwise Excluded.
4/26	Handle Value Notification	[1] ATT, 3.4.7.1	C.12	☑	C.12: Mandatory IF GATT 4/17 "Notifications" OR ATT 2/3 "Enhanced ATT bearer Attribute Protocol Supported (L2CAP fixed EATT PSM supported)" is supported, otherwise Optional.
4/27	Handle-Value Indication	[1] ATT, 3.4.7.2	C.13	☑	C.13: Mandatory IF GATT 4/18 "Indications" is supported, otherwise Optional.
4/28	Handle Value Confirmation	[1] ATT, 3.4.7.3	C.5	☑	C.5: Mandatory IF ATT 4/27 "Handle-Value Indication" is supported, otherwise Excluded.
4/29	Server Timeout	[1] ATT, 3.3.3	C.5	☑	C.5: Mandatory IF ATT 4/27 "Handle-Value Indication" is supported, otherwise Excluded.
4/30	Execute Write Request with no pending prepared write values	[1] ATT, 3.4.6.3	C.14	☑	C.14: Mandatory IF (GATT 4/25 "Execute Write Request with empty queue" OR ATT 4/22 "Prepare Write Request") AND SUM ICS 31/19 "Core Spec Version 5.0" is supported, otherwise Optional.

Table 5: Attribute Protocol Transport Security

Item	Capability	Reference	Support	Status	Comment

Generic Access Profile

Table 0: Device Configuration

Item	Capability	Reference	Support	Status	Comment
0/2	LE	[3] or [7] 1.1	C.2	☑	C.2: Mandatory if (PROD 3/3) is Supported, otherwise Excluded.

Table 1: Modes

Prerequisite: GAP 0/1 "BR/EDR" OR GAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment

Table 2: Security Aspects

Prerequisite: GAP 0/1 "BR/EDR" OR GAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment

Table 3: Idle Mode Procedures

Prerequisite: GAP 0/1 "BR/EDR" OR GAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment

Table 4: Establishment Procedures

Prerequisite: GAP 0/1 "BR/EDR" OR GAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment

Table 5: LE Roles

Prerequisite: GAP 0/2 "LE"

Item	Capability	Reference	Support	Status	Comment
5/1	Broadcaster	[3] or [7] 2.2.2	C.1	☑	C.1: It is Mandatory to support at least one of the defined roles.
5/2	Observer	[3] or [7] 2.2.2	C.1	☑	C.1: It is Mandatory to support at least one of the defined roles.
5/3	Peripheral	[3] or [7] 2.2.2	C.1	☑	C.1: It is Mandatory to support at least one of the defined roles.
5/4	Central	[3] or [7] 2.2.2	C.1	☑	C.1: It is Mandatory to support at least one of the defined roles.

Table 6: Broadcaster Physical Layer

Prerequisite: GAP 5/1 "Broadcaster (LE-Only)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
6/1	Transmitter	[3] or [7] 2.2.2	M	☑	
6/2	Receiver	[3] or [7] 2.2.2	O	☑	

Table 7: Broadcaster Link Layer States

Prerequisite: GAP 5/1 "Broadcaster (LE-Only)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
7/1	Standby	[3] or [7] 2.2.2, 2.2.2.1	M	☑	
7/2	Advertising	[3] or [7] 2.2.2, 2.2.2.1	M	☑	

Table 8: Broadcaster Link Layer Advertising Event Types

Prerequisite: GAP 5/1 "Broadcaster (LE-Only)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
8/1	Non-Connectable Undirected Event	[3] or [7] 2.2.2	M	☑	
8/2	Scannable Undirected Event	[3] or [7] 2.2.2	O	☑	

Table 8a: Broadcaster Link Layer Advertising Data Types

Item	Capability	Reference	Support	Status	Comment
8a/1	AD Type – Service UUID	[3] 11.1.1, [4] 1.1	O	☑	
8a/2	AD Type – Local Name	[3] 11.1.2, [4] 1.2	O	☑	
8a/3	AD Type – Flags	[3] 11.1.3, [4] 1.3	O	☑	
8a/4	AD Type – Manufacturer Specific Data	[3] 11.1.4, [4] 1.4	O	☑	
8a/5	AD Type – TX Power Level	[3] 11.1.5, [4] 1.5	O	☑	
8a/10	AD Type – Service Data	[3] 11.1.10, [4] 1.10	O	☑	
8a/11	AD Type – Appearance	[4] 1.1.12	O	☑	

Table 9: Broadcaster Connection Modes and Procedures

Prerequisite: GAP 5/1 "Broadcaster (LE-Only)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
9/1	Non-Connectable Mode	[3] or [7] 9.3.2	M	☑	

Table 10: Broadcaster Broadcasting and Observing Features

Prerequisite: GAP 5/1 "Broadcaster (LE-Only)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
10/1	Broadcast Mode	[3] or [7] 9.1.1	M	☑	

Table 11: Broadcaster Privacy Feature

Prerequisite: GAP 5/1 "Broadcaster (LE-Only)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
11/1	Privacy Feature	[3] 10.7	O	☑	
11/2	Resolvable Private Address Generation Procedure	[3] or [7] 10.8.2.2 or 1.3.2.2	C.1	☑	C.1: Mandatory IF GAP 11/1 "Privacy Feature" AND NOT GAP 11/3 "Non-Resolvable Private Address Generation Procedure" is supported, otherwise Optional.
11/3	Non-Resolvable Private Address Generation Procedure	[3] or [7] 10.8.2.1 or [9] 1.3.2.2	C.2	☑	C.2: Mandatory IF GAP 11/1 "Privacy Feature" AND NOT GAP 11/2 "Resolvable Private Address Generation Procedure" is supported, otherwise Optional.

Table 11a: Periodic Advertising Modes and Procedures

Prerequisite: GAP 5/1 "Broadcaster (LE-Only)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment

Table 11b: Broadcaster Security Aspects Features

Prerequisite: GAP 5/1 "Broadcaster (LE-Only)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment

Table 12: Observer Physical Layer

Prerequisite: GAP 5/2 "Observer (LE-Only)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
12/1	Receiver	[3] or [7] 2.2.2	M	☑	
12/2	Transmitter	[3], 2.2.2	O	☑	

Table 13: Observer Link Layer States

Prerequisite: GAP 5/2 "Observer (LE-Only)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
13/1	Standby	[3] or [7] 2.2.2	M	☑	
13/2	Scanning	[3] or [7] 2.2.2	M	☑	

Table 14: Observer Link Layer Scanning Types

Prerequisite: GAP 5/2 "Observer (LE-Only)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
14/1	Passive Scanning	[3] or [7] 2.2.2	M	☑	
14/2	Active Scanning	[3] or [7] 2.2.2	O	☑	

Table 15: Observer Connection Modes and Procedures

Prerequisite: GAP 5/2 "Observer (LE-Only)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
15/1	Non-Connectable Modes	[3] or [7] 9.3.2	M	☑	

Table 16: Observer Broadcasting and Observing Features

Prerequisite: GAP 5/2 "Observer (LE-Only)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
16/1	Observation Procedure	[3] or [7] 9.1.2	M	☑	

Table 17: Observer Privacy Feature

Prerequisite: GAP 5/2 "Observer (LE-Only)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
17/1	Privacy Feature	[3] 10.7	O	☑	
17/2	Non-Resolvable Private Address Generation Procedure	[3] or [7] 10.8.2.1 [9] 1.3.2.2	C.1	☑	C.1: Mandatory IF GAP 17/1 "Privacy Feature" AND GAP 14/2 "Active Scanning" AND NOT GAP 17/4 "Resolvable Private Address Generation Procedure" is supported, otherwise Optional.
17/3	Resolvable Private Address Resolution Procedure	[3] or [7] 10.8.2.3 [5] 10.8 [9] 1.3.2.2	O	☑	
17/4	Resolvable Private Address Generation Procedure	[3] or [7] 10.8.2.2 [5] 10.8 [9] 1.3.2.3	C.2	☑	C.2: Mandatory IF GAP 17/1 "Privacy Feature" AND GAP 14/2 "Active Scanning" AND NOT GAP 17/2 "Non-Resolvable Private Address Generation Procedure" is supported, otherwise Optional.

Table 17a: Periodic Advertising Modes and Procedures

Prerequisite: GAP 5/2 "Observer (LE-Only)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment

Table 17b: Observer Security Aspects Features

Prerequisite: GAP 5/2 "Observer (LE-Only)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment

Table 18: Peripheral Physical Layer

Prerequisite: GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
18/1	Transmitter	[3] or [7] 2.2.2	M	☑	
18/2	Receiver	[3] 2.2.2	M	☑	

Table 19: Peripheral Link Layer States

Prerequisite: GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
19/1	Standby	[3] or [7] 2.2.2	M	☑	
19/2	Advertising	[3] or [7] 2.2.2	M	☑	
19/3	Connection, Peripheral Role	[3] 2.2.2, 13.1.2.2 [7] 2.2.2	M	☑	

Table 20: Peripheral Link Layer Advertising Event Types

Prerequisite: GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
20/1	Connectable and Scannable Undirected Event	[3] 2.2.2, 13.1.1.2 [7] 2.2.2	M	☑	

20/2	Connectable Directed Event	[3] 2.2.2, 13.1.1.2 [7] 2.2.2	O	☑	
20/3	Non-Connectable and Non-Scannable Undirected Event	[3] 2.2.2, 9.2.2.2, 9.3.1, 9.3.2 [7] 2.2.2	O	☑	
20/4	Scannable Undirected Event	[3] 2.2.2, 9.2.2.2, 9.3.1, 9.3.2 [7] 2.2.2	O	☑	

Table 20A: Peripheral Link Layer Advertising Data Types

Prerequisite: GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
20A/1	AD Type – Service UUID	[3] 11.1.1 [4] 1.1		☑	C.1	C.1: Optional IF (GAP 20/1 "Connectable and Scannable Undirected Event" OR GAP 20/3 "Non-Connectable and Non-Scannable Undirected Event" OR GAP 20/4 "Scannable Undirected Event") is supported, otherwise Excluded.
20A/2	AD Type – Local Name	[3] 11.1.2 [4] 1.2	C.1	☑	C.1: Optional IF (GAP 20/1 "Connectable and Scannable Undirected Event" OR GAP 20/3 "Non-Connectable and Non-Scannable Undirected Event" OR GAP 20/4 "Scannable Undirected Event") is supported, otherwise Excluded.
20A/3	AD Type – Flags	[3] 11.1.3 [4] 1.3	C.2	☑	C.2: Mandatory IF (GAP 22/2 "Limited Discoverable Mode" OR GAP 22/3 "General Discoverable Mode") is supported, otherwise Optional.
20A/4	AD Type – Manufacturer Specific Data	[3] 11.1.4 [4] 1.4	C.1	☑	C.1: Optional IF (GAP 20/1 "Connectable and Scannable Undirected Event" OR GAP 20/3 "Non-Connectable and Non-Scannable Undirected Event" OR GAP 20/4 "Scannable Undirected Event") is supported, otherwise Excluded.
20A/5	AD Type – TX Power Level	[3] 11.1.5 [4] 1.5	C.1	☑	C.1: Optional IF (GAP 20/1 "Connectable and Scannable Undirected Event" OR GAP 20/3 "Non-Connectable and Non-Scannable Undirected Event" OR GAP 20/4 "Scannable Undirected Event") is supported, otherwise Excluded.
20A/10	AD Type – Service Data	[3] 11.1.10 [4] 1.11	C.1	☑	C.1: Optional IF (GAP 20/1 "Connectable and Scannable Undirected Event" OR GAP 20/3 "Non-Connectable and Non-Scannable Undirected Event" OR GAP 20/4 "Scannable Undirected Event") is supported, otherwise Excluded.
20A/11	AD Type – Appearance	[4] 1.1.12	C.1	☑	C.1: Optional IF (GAP 20/1 "Connectable and Scannable Undirected Event" OR GAP 20/3 "Non-Connectable and Non-Scannable Undirected Event" OR GAP 20/4 "Scannable Undirected Event") is supported, otherwise Excluded.

Table 21: Peripheral Link Layer Control Procedures

Prerequisite: GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
21/1	Connection Update Procedure	[3] 2.2.2, 13.1.2.2 [7] 2.2.2	M	☑	
21/2	Channel Map Update Procedure	[3] 2.2.2, 13.1.2.2 [7] 2.2.2	M	☑	
21/3	Encryption Procedure	[3] 2.2.2, 13.1.2.2	O	☑	
21/4	Central Initiated Feature Exchange Procedure	[3] 2.2.2, 13.1.2.2 [7] 2.2.2	M	☑	
21/5	Version Exchange Procedure	[3] 2.2.2, 13.1.2.2 [7] 2.2.2	M	☑	
21/6	Termination Procedure	[3] 2.2.2, 13.1.2.2 [7] 2.2.2	M	☑	
21/7	LE Ping Procedure	[7] 2.2.2	O	☑	
21/8	Peripheral Initiated Feature Exchange Procedure	[7] 2.2.2	C.1	☑	C.1: Mandatory IF GAP 21/9 "Connection Parameter Request Procedure" is supported, otherwise Optional.
21/9	Connection Parameter Request Procedure	[7] 2.2.2	O	☑	
21/10	Data Length Update Procedure	[7] 2.2.2	O	☑	

Table 22: Peripheral Discovery Modes and Procedures

Prerequisite: GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
22/1	Non-Discoverable Mode	[3] 9.2.2, 13.1.1.1 [7] 9.2.2, 13.1	M	☑	
22/2	Limited Discoverable Mode	[3] 9.2.3, 13.1.1.2 [7] 9.2.3,	O	☑	

		13.1			
22/3	General Discoverable Mode	[3] 9.2.4, 13.1.1.2 [7] 9.2.4, 13.1	C.1	☑	C.1: Mandatory IF (GAP 5/3 "Peripheral (LE-Only)" AND (NOT GAP 22/2 "Limited Discoverable Mode")) is supported; Optional IF (GAP 5/3 "Peripheral (LE-Only)" AND GAP 22/2 "Limited Discoverable Mode") is supported; Mandatory IF (GAP 38/3 "Peripheral (BR/EDR/LE)" AND NOT GAP 22/2 "Limited Discoverable Mode") is supported; Optional IF (GAP 38/3 "Peripheral (BR/EDR/LE)" AND GAP 22/2 "Limited Discoverable Mode") is supported, otherwise Excluded.

Table 23: Peripheral Connection Modes and Procedures

Prerequisite: GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
23/1	Non-Connectable Mode	[3] 9.3.2, 13.1.2.1 [7] 9.3.2	M	☑	
23/2	Directed Connectable Mode	[3] 9.3.3, 13.1.2.2 [7] 9.3.3	O	☑	
23/3	Undirected Connectable Mode	[3] 9.3.4, 13.1.2.2 [7] 9.3.4	M	☑	
23/4	Connection Parameter Update Procedure	[3] 9.3.9, 13.1.2.1 [7] 9.3.9	O	☑	
23/5	Terminate Connection Procedure	[3] 9.3.10, 13.1.2.1 [7] 9.3.10	M	☑	

Table 24: Peripheral Bonding Modes and Procedures

Prerequisite: GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
24/1	Non-Bondable Mode	[3], 9.4.2	M	☑	
24/2	Bondable Mode	[3] 9.4.3, 13.1.4.2 [7] 9.4.3, 13.2	O	☑	
24/3	Bonding Procedure	[3] 9.4.4, 13.1.4.2 [7] 9.4.4, 13.2	O	☑	

Table 25: Peripheral Security Aspects Features

Prerequisite: GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
25/4	Authorization Procedure	[3] 10.5, 13.1.2.2 [7] 10.5	O	☑	

Table 26: Peripheral Privacy Feature

Prerequisite: GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
26/1	Privacy Feature	[3], 10.7	O	☑	
26/2	Non-Resolvable Private Address Generation Procedure	[3] [7] [8] 10.7, 10.8.2.1 [9] 1.3.2.2	O	☑	
26/3	Resolvable Private Address Generation Procedure	[3] [7] [8] 10.7, 10.8.2.2 [9] 1.3.2.2	C.1	☑	C.1: Mandatory IF GAP 26/1 "Privacy Feature" is supported, otherwise Optional.
26/4	Resolvable Private Address Resolution Procedure	[3] [7] [8] 10.7, 10.8.2.3 [9] 1.3.2.2	C.1	☑	C.1: Mandatory IF GAP 26/1 "Privacy Feature" is supported, otherwise Optional.

Table 27: Peripheral GAP Characteristics

Prerequisite: GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
27/1	Device Name	[3] or [7] 12.1	M	☑	
27/2	Appearance	[3] or [7] 12.2	M	☑	

Table 27a: Periodic Advertising Modes and Procedures

Prerequisite: (GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)") AND NOT (SUM ICS 31/17 "Core v4.2" OR SUM ICS 31/18 "Core v4.2+HS" OR SUM ICS 31/19 "Core v5.0")

Item	Capability	Reference	Support	Status	Comment

Table 28: Central Physical Layer

Prerequisite: GAP 5/4 "Central (LE-Only)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment

28/1	Transmitter	[3] or [7] 2.2.2	M	☑	
28/2	Receiver	[3] or [7] 2.2.2	M	☑	

Table 29: Central Link Layer States

Prerequisite: GAP 5/4 "Central (LE-Only)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
29/1	Standby	[3] or [7] 2.2.2	M	☑	
29/2	Scanning	[3] or [7] 2.2.2	M	☑	
29/3	Initiating	[3] or [7] 2.2.2	M	☑	
29/4	Connection, Central Role	[3] or [7] 2.2.2	M	☑	

Table 30: Central Link Layer Scanning Types

Prerequisite: GAP 5/4 "Central (LE-Only)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
30/1	Passive Scanning	[3] or [7] 2.2.2	O	☑	
30/2	Active Scanning	[3] or [7] 2.2.2	C.1	☑	C.1: Mandatory IF (NOT GAP 30/1 "Passive Scanning") is supported; otherwise Optional.

Table 31: Central Link Layer Control Procedures

Prerequisite: GAP 5/4 "Central (LE-Only)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
31/1	Connection Update Procedure	[3] or [7] 2.2.2	M	☑	
31/2	Channel Map Update Procedure	[3] or [7] 2.2.2	M	☑	
31/3	Encryption Procedure	[3] or [7] 2.2.2	O	☑	
31/4	Central Initiated Feature Exchange Procedure	[3] or [7] 2.2.2	M	☑	
31/5	Version Exchange Procedure	[3] or [7] 2.2.2	M	☑	
31/6	Termination Procedure	[3] or [7] 2.2.2	M	☑	
31/7	LE Ping Procedure	[7] 2.2.2	O	☑	
31/8	Peripheral Initiated Feature Exchange Procedure	[7] 2.2.2	C.1	☑	C.1: Mandatory IF GAP 31/9 "Connection Parameter Request Procedure" is supported, otherwise Optional.
31/9	Connection Parameter Request Procedure	[7] 2.2.2	O	☑	
31/10	Data Length Update Procedure	[7] 2.2.2	O	☑	

Table 32: Central Discovery Modes and Procedures

Prerequisite: GAP 5/4 "Central (LE-Only)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
32/1	Limited Discovery Procedure	[3] 9.2.5, 13.2 [7] 9.2.5	O	☑	
32/2	General Discovery Procedure	[3] 9.2.6, 13.2 [7] 9.2.6	M	☑	

Table 33: Central Connection Modes and Procedures

Prerequisite: GAP 5/4 "Central (LE-Only)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
33/1	Auto Connection Establishment Procedure	[3] or [7] 9.3.5	O	☑	
33/2	General Connection Establishment Procedure	[3] 9.3.6, 13.3.1 [7] 9.3.6	O	☑	
33/3	Selective Connection Establishment Procedure	[3] or [7] 9.3.7	O	☑	
33/4	Selective Connection Establishment Procedure	[3] or [7] 9.3.8	M	☑	
33/5	Connection Parameter Update Procedure	[3] or [7] 9.3.9	M		

				☑
33/6	Terminate Connection Procedure	[3] or [7] 9.3.10	M	☑

Table 34: Central Bonding Modes and Procedures

Prerequisite: GAP 5/4 "Central (LE-Only)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
34/1	Non-Bondable Mode	[3] 9.4.2, 13.1.3 [7] 9.4.2, 13.2	M	☑	
34/2	Bondable Mode	[3] 9.4.3, 13.1.3 [7] 9.4.3, 13.2	O	☑	
34/3	Bonding Procedure	[3] 9.4.4, 13.1.3 [7] 9.4.4, 13.2	O	☑	

Table 35: Central Security Features

Prerequisite: GAP 5/4 "Central (LE-Only)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment

Table 36: Central Privacy Feature

Prerequisite: GAP 5/4 "Central (LE-Only)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
36/1	Privacy Feature	[7] 10.7	O	☑	
36/2	Non-Resolvable Private Address Generation Procedure	[3] [7] [8] 10.7, 10.8.2.1 [9] 1.3.2.2	O	☑	
36/3	Resolvable Private Address Resolution Procedure	[3] [7] [8] 10.7, 10.8.2.3 [9] 1.3.2.2	C.1	☑	C.1: Mandatory IF GAP 36/1 "Privacy Feature" is supported, otherwise Optional.
36/5	Resolvable Private Address Generation Procedure	[3] [7] [8] 10.7, 10.8.2.2 [5] 2.2.5 [9] 1.3.2.3	C.1	☑	C.1: Mandatory IF GAP 36/1 "Privacy Feature" is supported, otherwise Optional.

Table 37: Central GAP Characteristics

Prerequisite: GAP 5/4 "Central (LE-Only)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
37/1	Device Name	[3] or [7] 12.1	M	☑	
37/2	Appearance	[3] or [7] 12.2	M	☑	

Table 37a: Periodic Advertising Modes and Procedures

Prerequisite: (GAP 5/4 "Central (LE-Only)" OR GAP 38/4 "Central (BR/EDR/LE)") AND NOT (SUM ICS 31/17 "Core v4.2" OR SUM ICS 31/18 "Core v4.2+HS" OR SUM ICS 31/19 "Core v5.0")

Item	Capability	Reference	Support	Status	Comment

Table 38: BR/EDR/LE Roles

Prerequisite: GAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment

Table 41: Central BR/EDR/LE Security Aspects

Prerequisite: GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment

Table 43: Peripheral BR/EDR/LE Security Aspects

Prerequisite: GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment

Table 44: Central Simultaneous BR/EDR and LE Transports

Prerequisite: GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment

Table 45: Peripheral Simultaneous BR/EDR and LE Transports

Item	Capability	Reference	Support	Status	Comment

Generic Attribute Profile

Table 1: Generic Attribute Profile Support

Item	Capability	Reference	Support	Status	Comment
1/1	Generic Attribute Profile (GATT) Client	[1] 2.2 [2] 12	C.1	☑	C.1: Mandatory IF GATT 1a/1 "GATT Client over LE" OR GATT 1a/2 "GATT Client over BR/EDR" is supported, otherwise Excluded.
1/2	Generic Attribute Profile (GATT) Server	[1] 2.2 [2] 12	C.2	☑	C.2: Mandatory IF GATT 1a/3 "GATT Server over LE" OR GATT 1a/4 "GATT Server over BR/EDR" is supported, otherwise Excluded.

Table 1a: GATT role configuration

Item	Capability	Reference	Support	Status	Comment
1a/1	GATT Client over LE	[1] 2.2 [2] 12	C.1	☑	C.1: Optional IF GATT 2/2 "Attribute Protocol Supported over LE" is supported, otherwise Excluded.
1a/3	GATT Server over LE	[1] 2.2 [2] 12	C.3	☑	C.3: Mandatory IF GATT 2/2 "Attribute Protocol Supported over LE" is supported, otherwise Excluded.

Table 2: Attribute Protocol Transport

Item	Capability	Reference	Support	Status	Comment
2/2	Attribute Protocol Supported over LE	[1] 2	C.2	☑	C.2: Mandatory IF ATT 2/2 "Attribute Protocol Supported over LE" is supported, otherwise Excluded.

Table 3: Generic Attribute Profile Feature Support, by Client

Prerequisite: GATT 1/1 "Generic Attribute Profile (GATT) Client" AND (GATT 1a/1 "GATT Client over LE" OR GATT 1a/2 "GATT Client over BR/EDR")

Item	Capability	Reference	Support	Status	Comment
3/1	Exchange MTU	[1] 4.3.1	C.11	☑	C.11: Optional IF GATT 1a/1 "GATT Client over LE" is supported, otherwise Excluded.
3/2	Discover All Primary Services	[1] 4.4.1	O	☑	
3/3	Discover Primary Services by Service UUID	[1] 4.4.2	O	☑	
3/4	Find Included Services	[1] 4.5.1	O	☑	
3/5	Discover All characteristics of a Service	[1] 4.6.1	O	☑	
3/6	Discover Characteristics by UUID	[1] 4.6.2	O	☑	
3/7	Discover All Characteristic Descriptors	[1] 4.7.1	O	☑	
3/8	Read Characteristic Value	[1] 4.8.1	O	☑	
3/9	Read Using Characteristic UUID	[1] 4.8.2	O	☑	
3/12	Write without Response	[1] 4.9.1	O	☑	
3/14	Write Characteristic Value	[1] 4.9.3	O	☑	
3/17	Notifications	[1] 4.10.1	C.7	☑	C.7: Mandatory IF ATT 2/3 "Enhanced ATT bearer Attribute Protocol Supported (L2CAP fixed EATT PSM supported)" is supported, otherwise Optional.
3/18	Indications	[1] 4.11.1	M	☑	
3/19	Read Characteristic Descriptors	[1] 4.12.1	O	☑	
3/21	Write Characteristic Descriptors	[1] 4.12.3	O	☑	
3/23	Service Changed Characteristic	[1] 7.1	M	☑	

Table 4: Generic Attribute Profile Feature Support, by Server

Prerequisite: GATT 1/2 "Generic Attribute Profile (GATT) Server" AND (GATT 1a/3 "GATT Server over LE" OR GATT 1a/4 "GATT Server over BR/EDR")

Item	Capability	Reference	Support	Status	Comment
4/1	Exchange MTU	[1] 4.3.1	C.6	☑	C.6: Optional IF GATT 1a/3 "GATT Server over LE" is supported, otherwise Excluded.
4/2	Discover All Primary Services	[1] 4.4.1	M	☑	
4/3	Discover Primary Services by Service UUID	[1] 4.4.2	M	☑	
4/4	Find Included Services	[1] 4.5.1	M	☑	
4/5	Discover All characteristics of a Service	[1] 4.6.1	M	☑	
4/6	Discover Characteristics by UUID	[1] 4.6.2	M	☑	
4/7	Discover All Characteristic Descriptors	[1] 4.7.1	M	☑	
4/8	Read Characteristic Value	[1] 4.8.1	M	☑	
4/9	Read Using Characteristic UUID	[1] 4.8.2	M	☑	
4/12	Write without Response	[1] 4.9.1	C.2	☑	C.2: Mandatory IF (GATT 4/13 "Signed Write Without Response" OR ATT 2/3 "Enhanced ATT bearer Attribute Protocol Supported (L2CAP fixed EATT PSM supported)") is supported, otherwise Optional.
4/14	Write Characteristic Value	[1] 4.9.3	C.3	☑	C.3: Mandatory IF (GATT 4/15 "Write Long Characteristic Values" OR ATT 2/3 "Enhanced ATT bearer Attribute Protocol Supported (L2CAP fixed EATT PSM supported)") is supported, otherwise Optional.
4/17	Notifications	[1] 4.10.1	O	☑	
4/18	Indications	[1] 4.11.1	C.1	☑	C.1: Mandatory IF service definitions on the server can be added, changed, or removed, otherwise Optional.
4/19	Read Characteristic Descriptors	[1] 4.12.1	C.12	☑	C.12: Mandatory IF ATT 2/3 "Enhanced ATT bearer Attribute Protocol Supported (L2CAP fixed EATT PSM supported)" is supported, otherwise Optional.
4/21	Write Characteristic Descriptors	[1] 4.12.3	C.12	☑	C.12: Mandatory IF ATT 2/3 "Enhanced ATT bearer Attribute Protocol Supported (L2CAP fixed EATT PSM supported)" is supported, otherwise Optional.
4/23	Service Changed Characteristic	[1] 7.1	C.1	☑	C.1: Mandatory IF service definitions on the server can be added, changed, or removed, otherwise Optional.

Table 6: SDP Interoperability

Prerequisite: GATT 2/1 "Attribute Protocol Supported over BR/EDR (L2CAP fixed channel support)"

Item	Capability	Reference	Support	Status	Comment

Table 7: Attribute Protocol Transport Security

Item	Capability	Reference	Support	Status	Comment

Table 8: Multiple Simultaneous ATT Bearers

Item	Capability	Reference	Support	Status	Comment

Interoperability Test Specification

Table 1: Interoperability Test Specification

Item	Capability	Reference	Support	Status	Comment
1/1	Interoperability	IOP	M	☑	

Table 2: Design Configuration

Item	Capability	Reference	Support	Status	Comment
2/2	LE	GAP 0/2	C.1, C.2	☑	C.1: Mandatory to support at least one transport. C.2: Mandatory If IOP 2/3 "BR/EDR/LE" is Supported, otherwise Optional.

Logical Link Control and Adaption Protocol

Table 0: L2CAP Transport Configuration

Item	Capability	Reference	Support	Status	Comment
0/2	LE	[6] 1.1	C.2	☑	C.2: Mandatory IF SUM ICS 34/1 "LE Host Specification Part: Logical Link Control and Adaptation Protocol (L2CAP)" is supported, otherwise Excluded.

Table 1: Roles

Item	Capability	Reference	Support	Status	Comment
1/3	LE Master	[4] 2	C.2	☑	C.2: Mandatory to support (at least one of L2CAP 1/3 "LE Master" OR L2CAP 1/4 "LE Slave") IF (L2CAP 0/2 "LE" OR L2CAP 0/3 "BR/EDR/LE") is supported, otherwise Excluded.
1/4	LE Slave	[4] 2	C.2	☑	C.2: Mandatory to support (at least one of L2CAP 1/3 "LE Master" OR L2CAP 1/4 "LE Slave") IF (L2CAP 0/2 "LE" OR L2CAP 0/3 "BR/EDR/LE") is supported, otherwise Excluded.

Table 2: General Operation

Item	Capability	Reference	Support	Status	Comment
2/40	Support of Low Energy signaling channel	[4] 2.1, 2.2	C.13	☑	C.13: Mandatory IF L2CAP 0/2 "LE" OR L2CAP 0/3 "BR/EDR/LE" is supported, otherwise Excluded.
2/41	Support of command reject	[4] 4.10	C.13	☑	C.13: Mandatory IF L2CAP 0/2 "LE" OR L2CAP 0/3 "BR/EDR/LE" is supported, otherwise Excluded.
2/42	Send Connection Parameter Update Request	[4] 4.20	C.14	☑	C.14: Optional IF L2CAP 1/4 "LE Slave" is supported, otherwise Excluded.
2/43	Send Connection Parameter Update Response	[4] 4.21	C.15	☑	C.15: Mandatory IF L2CAP 1/3 "LE Master" is supported, otherwise Excluded.

Table 3: Configurable Parameters

Item	Capability	Reference	Support	Status	Comment
3/1	Support of RTX timer	[1] 6.2.1	M	☑	
3/12	Support minimum MTU size 23 octets	[4] 5.1	C.6	☑	C.6: Mandatory IF L2CAP 0/2 "LE" OR L2CAP 0/3 "BR/EDR/LE" is supported, otherwise Excluded.

Low Energy Link Layer

Table 1: Controller States/Roles

Item	Capability	Reference	Support	Status	Comment
1/1	Advertising State	[1] 4.4.2	C.1	☑	C.1: Mandatory to support at least one of (1/1 or 1/2 or 1/3).
1/2	Scanning State	[1] 4.4.3	C.1	☑	C.1: Mandatory to support at least one of (1/1 or 1/2 or 1/3).
1/3	Initiating State	[1] 4.4.4	C.1	☑	C.1: Mandatory to support at least one of (1/1 or 1/2 or 1/3).
1/4	Slave Role	[1] 4.5.5	C.3	☑	C.3: Optional if 1/1 is supported, otherwise Excluded.
1/5	Master Role	[1] 4.5.4	C.2	☑	C.2: Mandatory if 1/3 is supported, otherwise Excluded

Table 2: Device Addresses Types

Prerequisite: LL 1/1 "Advertising State" OR LL 1/2 "Scanning State" OR LL 1/3 "Initiating State"

Item	Capability	Reference	Support	Status	Comment

2/1	Public Address	[1] 1.3	C.1	☑	C.1: Mandatory to support at least one of (LL 2/1 "Public Address" OR LL 2/3 "Static Address").
2/2	Random Address	[1] 1.3	C.1	☑	C.1: Mandatory to support at least one of (LL 2/1 "Public Address" OR LL 2/3 "Static Address").
2/3	Static Address	[4] 1.3.2.1	C.1	☑	C.1: Mandatory to support at least one of (LL 2/1 "Public Address" OR LL 2/3 "Static Address").

Table 3: Protocol Advertising Features

Prerequisite: LL 1/1 "Advertising State"

Item	Capability	Reference	Support	Status	Comment
3/1	Non-Connectable and Non-Scannable Undirected Events	[1] 4.4.2.6	C.1	☑	C.1: Mandatory if GAP 5/1 (Broadcaster) is supported; Optional if GAP 5/3 (Peripheral), otherwise Not Defined.
3/2	Connectable and Scannable Undirected Events	[1] 4.4.2.3	C.2	☑	C.2: Mandatory if GAP 5/3 (Peripheral) is supported, otherwise Not Defined.
3/3	Advertising Data	[1] 4.4.2.3, 4.4.2.5, 4.4.2.6	M	☑	
3/4	Connectable Directed Events	[1] 4.4.2.4	O	☑	
3/4a	Low Duty Cycle Direct Advertising	[1] 4.4.2.4	O	☑	
3/5	Scannable Undirected Events	[1] 4.4.2.5	O	☑	
3/6	Sending Scan Responses	[1] 4.4.2.3, 4.4.2.5	C.2	☑	C.2: Mandatory IF GAP 5/3 "Peripheral" is supported, otherwise Optional.
3/7	Accepting Connection Requests	[1] 4.4.2.3, 4.4.2.4	C.2	☑	C.2: Mandatory IF GAP 5/3 "Peripheral" is supported, otherwise Optional.
3/8	Filtering Policies	[1] 4.3.2	O	☑	

Table 4: Protocol Scanning Features

Prerequisite: LL 1/2 "Scanning State"

Item	Capability	Reference	Support	Status	Comment
4/1	Passive Scanning	[1] 4.4.3.1	C.1	☑	C.1: Mandatory IF GAP 5/2 "Observer" is supported; Optional IF GAP 5/4 "Central" is supported, otherwise Optional.
4/2	Receiving Advertising Data	[1] 4.4.3.1, 4.4.3.2	M	☑	
4/3	Active Scanning	[1] 4.4.3.2	C.2	☑	C.2: Mandatory IF GAP 5/4 "Central" AND NOT LL 4/1 "Passive Scanning" is supported; Optional IF (GAP 5/4 "Central" AND NOT LL 4/1 "Passive Scanning") OR GAP 5/2 "Observer" is supported; otherwise Optional.
4/4	Backoff Procedure	[1] 4.4.3.2	M	☑	
4/5	Filtering Policies	[1] 4.3.3	M	☑	

Table 5: Protocol Initiating Features

Prerequisite: LL 1/3 "Initiating State"

Item	Capability	Reference	Support	Status	Comment
5/1	Requesting Connections	[1] 4.4.4	M	☑	
5/2	Requesting to Directed Advertising	[1] 4.4.4	M	☑	
5/3	Initiator Filtering	[1] 4.3.4	M	☑	

Table 6: Protocol Slave Role Features

Prerequisite: LL 1/4 "Slave Role"

Item	Capability	Reference	Support	Status	Comment
6/1	Slave Transmissions	[1] 4.5.1, 4.5.5, 4.5.6	M	☑	
6/2	Acknowledgement Scheme	[1] 4.5.9	M	☑	
6/3	Unknown Response	[1] 5.1.4, 2.4.2	M	☑	
6/4	Responding in Feature Setup	[1] 5.1.4	M	☑	
6/4a	Requesting Feature Setup	[1] 5.1.4.2	C.2	☑	C.2: Mandatory IF LL 6/10a "Initiating Connection Parameter Request" is supported, otherwise Excluded.
6/5	Sending Data (Device supports data	[1] 4.5.1, 4.5.6	M	☑	

	output from a Host)				
6/6	Receiving Data (Device supports data input to a Host)	[1] 4.5.1, 4.5.6	M	☑	
6/7	More Data	[1] 4.5.6	O	☑	
6/10	Accepting Parameter Update	[1] 5.1.1	M	☑	
6/10a	Initiating Connection Parameter Request	[1] 5.1	O	☑	
6/10b	Accepting Connection Parameter Request	[1] 5.1	C.2	☑	C.2: Mandatory IF LL 6/10a "Initiating Connection Parameter Request" is supported, otherwise Excluded.
6/11	Accepting Channel Map Update	[1] 5.1.2	M	☑	
6/12	Encryption Start	[1] 5.1.3	C.17	☑	C.17: Mandatory if LL 9/1 "LE Encryption" is supported, otherwise Excluded.
6/13	Connection Control Timer	[1] 5.2	M	☑	
6/14	Sending Termination	[1] 5.1.6	M	☑	
6/15	Accepting Termination	[1] 5.1.6	M	☑	
6/16	Connection Supervision Timer	[1] 4.5.2	M	☑	
6/18	Slave Pause Encryption	[1] 5.1.3	C.17	☑	C.17: Mandatory if LL 9/1 "LE Encryption" is supported, otherwise Excluded.
6/19	Slave Version Exchange	[1] 5.1.5	M	☑	
6/20	Slave listens to multiple packets per connection event	4.5.7	O	☑	
6/22	Data Length Update Procedure	[4] 5.1.9	C.4	☑	C.4: Mandatory IF LL 9/6 (LE Data Packet Length Extension) is supported, otherwise Excluded.

Table 7: Protocol Master Role Features

Prerequisite: LL 1/5 "Master Role"

Item	Capability	Reference	Support	Status	Comment
7/1	Master Transmissions	[1] 4.5.1, 4.5.4, 4.5.6	M	☑	
7/2	Acknowledgement Scheme	[1] 4.5.9	M	☑	
7/3	Unknown Responses	[1] 5.1.4, 2.4.2	M	☑	
7/4	Requesting Feature Setup	[1] 5.1.4	M	☑	
7/4a	Responding in Feature Setup	[1] 5.1.4.2	C.2	☑	C.2: Mandatory IF LL 7/10b "Accepting Connection Parameter Request" is supported, otherwise Excluded.
7/5	Sending Data (Device supports data output from a Host)	[1] 4.5.1, 4.5.6	M	☑	
7/6	Receiving Data (Device supports data input to a Host)	[1] 4.5.1, 4.5.6	M	☑	
7/7	More Data	[1] 4.5.6	O	☑	
7/10	Requesting Parameter Update	[1] 5.1.1	M	☑	
7/10a	Initiating Connection Parameter Request	[1] 5.1	C.2	☑	C.2: Mandatory IF LL 7/10b "Accepting Connection Parameter Request" is supported, otherwise Excluded.
7/10b	Accepting Connection Parameter Request	[1] 5.1	O	☑	
7/11	Requesting Channel Map Update	[1] 5.1.2	M	☑	
7/12	Encryption Start	[1] 5.1.3	C.17	☑	C.17: Mandatory if LL 9/1 "LE Encryption", otherwise Excluded.
7/13	Connection Control Timer	[1] 5.2	M	☑	
7/14	Sending Termination	[1] 5.1.6	M	☑	
7/15	Accepting Termination	[1] 5.1.6	M	☑	
7/16	Connection Supervision Timer	[1] 4.5.2	M	☑	
7/19	Master Pause Encryption	[1] 5.1.3	C.17	☑	C.17: Mandatory if LL 9/1 "LE Encryption", otherwise Excluded.
7/20	Master Version Exchange	[1] 5.1.5	M	☑	
7/22	Data Length Update Procedure	[4] 5.1.9	C.4	☑	C.4: Mandatory IF LL 9/6 (LE Data Packet Length Extension) is supported, otherwise Excluded.

Table 8: Physical Channels

Item	Capability	Reference	Support	Status	Comment
8/1	Data channels (channel index 0 to 36)	[1] 1.4	C.1	☑	C.1: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.
8/2	Advertising channels (at least one of channel index 37, 38, 39)	[1] 1.4.1	M	☑	
8/3	Support Data channel selection algorithm	[1] 4.5.8	C.1	☑	C.1: Mandatory IF LL 1/4 "Slave Role" OR LL 1/5 "Master Role" is supported, otherwise Excluded.

Table 9: Supported Features

Item	Capability	Reference	Support	Status	Comment
9/1	LE Encryption	[1] 4.6.1	O	☑	
9/3	Connection Parameter Request Procedure	[1] 4.6.2	C.2	☑	C.2: Mandatory IF (LL 6/10a "Initiating Connection Parameter Request" OR LL 7/10b "Accepting Connection Parameter Request") are supported, otherwise Excluded.
9/4	Extended Reject Indication	[1] 4.6.3	C.3	☑	C.3: IF LL 9/3 "Connection Parameter Request Procedure" OR LL 9/14 "Connection CTE Request" OR LL 9/15 "Connection CTE Response" is supported; otherwise Optional.
9/5	Slave-initiated Features Exchange	[1] 4.6.4	O	☑	
9/6	LE Data Packet Length Extension	[4] 4.6.6	O	☑	
9/10	Channel Selection Algorithm #2	[5] 4.6.14	C.8	☑	C.8: Excluded IF SUM ICS 21/14 "Core v4.2" is supported, otherwise Mandatory IF (LL 9/9a "LE Extended Advertising" AND (LL 1/4 "Slave Role" OR LL 1/5 "Master Role")) OR LL 9/9b "LE Periodic Advertising" is supported, otherwise Optional.

Table 10: Scatternet Capabilities

Item	Capability	Reference	Support	Status	Comment
10/1	Act as LE Master and LE Slave at the same time	[3] 1.1.1	O	☑	
10/2	Act as LE Slave to more than one LE Master at the same time.	[3] 1.1.1	O	☑	

Table 11: Protocol Synchronizing Features

Prerequisite: LL 1/3a "Synchronized State"

Item	Capability	Reference	Support	Status	Comment

Table 12: Protocol Isochronous Broadcasting Features

Prerequisite: LL 1/6 "Isochronous Broadcasting State"

Item	Capability	Reference	Support	Status	Comment

Mesh Profile

Table 0: Major Profile Version (X.Y)

Item	Capability	Reference	Support	Status	Comment
0/1	Mesh v1.0	[2]	M	☑	

Table 0a: Minor Profile Version (X.Y.Z)

Item	Capability	Reference	Support	Status	Comment
0a/1	Erratum 10395	[5]	C.1	☑	C.1: Mandatory IF MESH 0/1 "Mesh v1.0" is supported, otherwise Excluded.
0a/2	Mesh v1.0.1	[2]	C.2	☑	C.2: Optional IF MESH 0/1 "Mesh v1.0" is supported, otherwise Excluded.
0a/3	Erratum 16350	[6]	C.1	☑	C.1: Mandatory IF MESH 0/1 "Mesh v1.0" is supported, otherwise Excluded.

Table 2: Roles

Item	Capability	Reference	Support	Status	Comment
2/1	Node	[2] 2.3.11	C.1	☑	C.1: Mandatory to support at least one of MESH 2/1 "Node" OR MESH 2/2 "Provisioner".
2/2	Provisioner	[2] 5	C.1	☑	C.1: Mandatory to support at least one of MESH 2/1 "Node" OR MESH 2/2 "Provisioner".

Table 3: Node Capabilities - Bearers

Prerequisite: MESH 2/1 "Node"

Item	Capability	Reference	Support	Status	Comment
3/1	Advertising Bearer	[2] 3.3.1	C.1	☑	C.1: Mandatory to support at least one of MESH 3/1 "Advertising Bearer" OR MESH 3/2 "GATT Bearer".
3/2	GATT Bearer	[2] 3.3.2	C.1	☑	C.1: Mandatory to support at least one of MESH 3/1 "Advertising Bearer" OR MESH 3/2 "GATT Bearer".

Table 4: Node Capabilities - Provisioning

Prerequisite: MESH 2/1 "Node"

Item	Capability	Reference	Support	Status	Comment
4/1	PB-ADV	[2] 5.2.1	C.1	☑	C.1: Optional IF MESH 3/1 "Advertising Bearer" is supported, otherwise Excluded.
4/2	PB-GATT	[2] 5.2.2, 6.7.1	C.2	☑	C.2: Mandatory to support at least one of MESH 4/2 "PB-GATT" or MESH 12/5 "Proxy Client" IF MESH 3/2 "GATT Bearer" is supported, otherwise Excluded.
4/3	Device UUID	[2] 3.10.3	C.3	☑	C.3: Mandatory IF MESH 4/1 "PB-ADV" OR MESH 4/2 "PB-GATT" is supported, otherwise Excluded.
4/4	Sending Unprovisioned Device Beacon	[2] 3.9.2	C.4	☑	C.4: Mandatory IF MESH 4/1 "PB-ADV" is supported, otherwise Excluded.
4/5	Generic Provisioning Layer	[2] 5.3	C.3	☑	C.3: Mandatory IF MESH 4/1 "PB-ADV" OR MESH 4/2 "PB-GATT" is supported, otherwise Excluded.
4/6	Provisioning Protocol (Provisioning Server)	[2] 5.4	C.3	☑	C.3: Mandatory IF MESH 4/1 "PB-ADV" OR MESH 4/2 "PB-GATT" is supported, otherwise Excluded.
4/8	Provisioning: Public Key No OOB	[2] 5.4.1.2	C.5	☑	C.5: Mandatory to support at least one of MESH 4/7 "Provisioning: Public Key OOB" OR MESH 4/8 "Provisioning: Public Key No OOB" IF MESH 4/1 "PB-ADV" OR MESH 4/2 "PB-GATT" is supported, otherwise Excluded.
4/9	Provisioning: Authentication Output OOB	[2] 5.4.1.2	C.6	☑	C.6: Optional IF MESH 4/1 "PB-ADV" OR MESH 4/2 "PB-GATT" is supported, otherwise Excluded.
4/12	Provisioning: Authentication No OOB	[2] 5.4.1.2	C.3	☑	C.3: Mandatory IF MESH 4/1 "PB-ADV" OR MESH 4/2 "PB-GATT" is supported, otherwise Excluded.

Table 5: Node Capabilities – Network Layer

Prerequisite: MESH 2/1 "Node"

Item	Capability	Reference	Support	Status	Comment
5/1	Transmitting and Receiving Secured Network Layer Messages	[2] 3.4.6.2, 3.4.6.3	M	☑	
5/2	Relay Feature	[2] 3.4.6.1	C.1	☑	C.1: Optional IF MESH 3/1 "Advertising Bearer" is supported, otherwise Excluded.
5/3	Network Message Cache	[2] 3.4.6.4	C.2	☑	C.2: Mandatory IF MESH 5/2 "Relay Feature" is supported, otherwise Excluded.
5/4	Multiple Subnet Support	[2] 2.2.1	O	☑	

Table 6: Node Capabilities – Lower Transport Layer

Prerequisite: MESH 2/1 "Node"

Item	Capability	Reference	Support	Status	Comment
6/1	Transmitting and Receiving a Lower Transport PDU	[2] 3.5.4.1, 3.5.4.2	M	☑	
6/2	Segmentation and Reassembly Behavior	[2] 3.5.3.3, 3.5.3.4	M	☑	
6/3	Friend Cache	[2] 3.5.5	C.1	☑	C.1: Mandatory IF MESH 7/3 "Friend Feature" is supported, otherwise

Excluded.

Table 7: Node Capabilities – Upper Transport Layer

Prerequisite: MESH 2/1 "Node"

Item	Capability	Reference	Support	Status	Comment
7/1	Transmitting a Secured Access Payload	[2] 3.6.4.1	M	☑	
7/2	Receiving a Secured Upper Transport PDU	[2] 3.6.4.2	M	☑	
7/3	Friend Feature	[2] 3.6.6.3	C.1	☑	C.1: Optional IF MESH 3/1 "Advertising Bearer" is supported, otherwise Excluded.
7/4	Low Power Feature	[2] 3.6.6.4	C.1	☑	C.1: Optional IF MESH 3/1 "Advertising Bearer" is supported, otherwise Excluded.
7/5	Heartbeat	[2] 3.6.7	M	☑	

Table 8: Node Capabilities – Access Layer

Prerequisite: MESH 2/1 "Node"

Item	Capability	Reference	Support	Status	Comment
8/1	Transmitting and Receiving an Access Layer Message	[2] 3.7.4.1	M	☑	

Table 9: Node Capabilities – Security

Prerequisite: MESH 2/1 "Node"

Item	Capability	Reference	Support	Status	Comment
9/1	Message Replay Protection	[2] 3.8.7	M	☑	

Table 10: Node Capabilities – Mesh Management

Prerequisite: MESH 2/1 "Node"

Item	Capability	Reference	Support	Status	Comment
10/1	Secure Network Beacon	[2] 3.9.3	M	☑	
10/2	Key Refresh Procedure	[2] 3.10.4	M	☑	
10/3	IV Update Procedure	[2] 3.10.5	M	☑	
10/4	IV Index Recovery Procedure	[2] 3.10.6	M	☑	

Table 11: Node Capabilities – Foundation Mesh Models

Prerequisite: MESH 2/1 "Node"

Item	Capability	Reference	Support	Status	Comment
11/1	Configuration Server Model	[2] 4.4.1	M	☑	
11/2	Health Server Model	[2] 4.4.3	M	☑	
11/3	Configuration Client Model	[2] 4.4.2	O	☑	
11/4	Health Client Model	[2] 4.4.4	O	☑	

Table 12: Node Capabilities – Proxy

Prerequisite: MESH 3/2 "GATT Bearer"

Item	Capability	Reference	Support	Status	Comment
12/1	Proxy Server	[2] 6.2, 6.6	C.1	☑	C.1: Optional IF MESH 3/1 "Advertising Bearer" is supported, otherwise Excluded.
12/2	GATT Server	[2] 3.3.2	C.2	☑	C.2: Mandatory IF MESH 12/1 "Proxy Server" OR MESH 4/2 "PB-GATT" is supported, otherwise Excluded.
12/3	Advertising with Network ID	[2] 7.2.2.2.2	C.2	☑	C.2: Mandatory IF MESH 12/1 "Proxy Server" OR MESH 4/2 "PB-GATT" is supported, otherwise Excluded.
12/4	Advertising with Node Identity	[2] 7.2.2.2.3	C.2	☑	C.2: Mandatory IF MESH 12/1 "Proxy Server" OR MESH 4/2 "PB-GATT" is supported, otherwise Excluded.

Table 13: Mesh GATT Services

Prerequisite: MESH 12/2 "GATT Server"

Item	Capability	Reference	Support	Status	Comment
13/1	Mesh Provisioning Service	[2] 7.1	C.1	☑	C.1: Mandatory IF MESH 4/2 "PB-GATT" is supported, otherwise Excluded.
13/2	Mesh Proxy Service	[2] 7.2	C.2	☑	C.2: Mandatory IF MESH 12/1 "Proxy Server" is supported, otherwise Excluded.

Table 14: GATT Server Requirements

Prerequisite: MESH 12/2 "GATT Server"

Item	Capability	Reference	Support	Status	Comment
14/1	Discover All Primary Services	[2] 3.3.2	M	☑	
14/2	Discover Primary Services by Service UUID	[2] 3.3.2	M	☑	
14/3	Write without Response	[2] 3.3.2	M	☑	
14/4	Notifications	[2] 3.3.2	M	☑	
14/5	Write Characteristic Descriptors	[2] 3.3.2	M	☑	

Table 15: GATT Client Requirements

Prerequisite: MESH 12/6 "GATT Client"

Item	Capability	Reference	Support	Status	Comment

Table 16: GAP Requirements

Prerequisite: MESH 2/1 "Node"

Item	Capability	Reference	Support	Status	Comment
16/1	Broadcaster	[2] 3.3.1	C.1	☑	C.1: Mandatory IF MESH 3/1 "Advertising Bearer" is supported, otherwise Excluded.
16/2	Observer	[2] 3.3.1	C.1	☑	C.1: Mandatory IF MESH 3/1 "Advertising Bearer" is supported, otherwise Excluded.
16/3	Peripheral	[2] 3.3.2, 7.1.1, 7.2.1, 7.2.2.1	C.2	☑	C.2: Mandatory IF MESH 12/1 "Proxy Server" OR MESH 4/2 "PB-GATT" is supported, otherwise Excluded.
16/4	Peripheral – Security Mode 1	[2] 2.2.3	C.2	☑	C.2: Mandatory IF MESH 12/1 "Proxy Server" OR MESH 4/2 "PB-GATT" is supported, otherwise Excluded.

Table 17: Provisioner – Bearers

Prerequisite: MESH 2/2 "Provisioner"

Item	Capability	Reference	Support	Status	Comment
17/1	Advertising Bearer	[2] 3.3.1	C.1	☑	C.1: Mandatory to support at least one of the MESH 17/1 "Advertising Bearer" OR MESH 17/2 "GATT Bearer".

Table 18: Provisioner – Provisioning

Prerequisite: MESH 2/2 "Provisioner"

Item	Capability	Reference	Support	Status	Comment
18/1	Receiving Unprovisioned Device Beacon	[2] 3.9.2	C.1	☑	C.1: Mandatory to support IF MESH 17/1 "Advertising bearer" is supported, otherwise Excluded.
18/2	PB-ADV	[2] 5.2.1	C.1	☑	C.1: Mandatory to support IF MESH 17/1 "Advertising bearer" is supported, otherwise Excluded.
18/3	Generic Provisioning Layer	[2] 5.3	M	☑	
18/4	Provisioning Protocol (Provisioning Client)	[2] 5.4	M	☑	
18/7	Provisioning: Public Key OOB	[2] 5.4.1.2	M	☑	
18/8	Provisioning: Public Key No OOB	[2] 5.4.1.2	M	☑	
18/9	Provisioning: Authentication Output OOB	[2] 5.4.1.2	M	☑	
18/10	Provisioning: Authentication Input OOB	[2] 5.4.1.2	M	☑	
18/11	Provisioning: Authentication Static or No OOB	[2] 5.4.1.2, 5.4.3	M	☑	

Table 19: Provisioner – Mesh Management

Prerequisite: MESH 2/2 "Provisioner"

Item	Capability		Reference	Support	Status	Comment
19/1	Receiving Secure Network Beacon		[2] 3.9.3	M	☑	

Table 20: GATT Client Requirements

Prerequisite: MESH 18/6 "GATT Client"

Item	Capability	Reference	Support	Status	Comment

Table 21: GAP Requirements

Prerequisite: MESH 2/2 "Provisioner"

Item	Capability	Reference	Support	Status	Comment
21/1	Broadcaster	[2] 3.3.1	C.1	☑	C.1: Mandatory IF MESH 17/1 "Advertising Bearer" is supported, otherwise Excluded.
21/2	Observer	[2] 3.3.1	C.1	☑	C.1: Mandatory IF MESH 17/1 "Advertising Bearer" is supported, otherwise Excluded.

Mesh Model

Table 0a: Mesh Specification Versions

Item	Capability	Reference	Support	Status	Comment
0a/1	Mesh Specification v1.0	[3]	M	☑	

Table 0b: Mesh Model Major Specification Versions

Item	Capability	Reference	Support	Status	Comment
0b/1	Mesh Model Specification v1.0	[2]	M	☑	

Table 0c: Mesh Model Minor Specification Versions

Item	Capability	Reference	Support	Status	Comment
0c/1	Mesh Model Specification v1.0.1	[2]	C.1	☑	C.1: Optional IF MMDL 0b/1 "Mesh Model Specification v1.0" is supported, otherwise Excluded.

Table 1: Bluetooth Core Specification Versions

Item	Capability	Reference	Support	Status	Comment
1/1	Core Specification 4.0 or later	[1]	M	☑	

Table 2: Generic Server Models

Item	Capability	Reference	Support	Status	Comment
2/1	Generic OnOff Server	[2] 3.3.1	O	☑	
2/2	Generic Level Server	[2] 3.3.2	O	☑	
2/3	Generic Default Transition Time Server	[2] 3.3.3	O	☑	
2/4	Generic Power OnOff Server	[2] 3.3.4	C.1	☑	C.1: Optional IF MMDL 2/1 "Generic OnOff Server" is supported, otherwise Excluded.
2/5	Generic Power OnOff Setup Server	[2] 3.3.5	C.2	☑	C.2: Mandatory IF MMDL 2/3 "Generic Default Transition Time Server" AND MMDL 2/4 "Generic Power OnOff Server" are supported, otherwise Excluded.
2/6	Generic Power Level Server	[2] 3.3.6	C.3	☑	C.3: Optional IF MMDL 2/2 "Generic Level Server" AND MMDL 2/4 "Generic Power OnOff Server" are supported, otherwise Excluded.
2/7	Generic Power Level Setup Server	[2] 3.3.7	C.4	☑	C.4: Mandatory IF MMDL 2/5 "Generic Power OnOff Setup Server" AND MMDL 2/6 "Generic Power Level Server" are supported, otherwise Excluded.
2/8	Generic Battery Server	[2] 3.3.8	O	☑	
2/9	Generic Location Server	[2] 3.3.9	O	☑	

2/10	Generic Location Setup Server	[2] 3.3.10	C.5	☑	C.5: Mandatory IF MMDL 2/9 "Generic Location Server" is supported, otherwise Excluded.
2/11	Generic User Property Server	[2] 3.3.11	O	☑	
2/12	Generic Admin Property Server	[2] 3.3.12	C.6	☑	C.6: Optional IF MMDL 2/11 "Generic User Property Server" is supported, otherwise Excluded.
2/13	Generic Manufacturer Property Server	[2] 3.3.13	C.6	☑	C.6: Optional IF MMDL 2/11 "Generic User Property Server" is supported, otherwise Excluded.
2/14	Generic Client Property Server	[2] 3.3.14	O	☑	

Table 3: Generic Client Models

Item	Capability	Reference	Support	Status	Comment
3/1	Generic OnOff Client	[2] 3.4.1	O	☑	
3/2	Generic Level Client	[2] 3.4.2	O	☑	
3/3	Generic Default Transition Time Client	[2] 3.4.3	O	☑	
3/4	Generic Power OnOff Client	[2] 3.4.4	O	☑	
3/5	Generic Power Level Client	[2] 3.4.5	O	☑	
3/6	Generic Battery Client	[2] 3.4.6	O	☑	
3/7	Generic Location Client	[2] 3.4.7	O	☑	
3/8	Generic Property Client	[2] 3.4.8	O	☑	

Table 4: Generic OnOff Client

Prerequisite: MMDL 3/1 "Generic OnOff Client"

Item	Capability	Reference	Support	Status	Comment
4/1	Generic OnOff Get/Status	[2] 3.4.1.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 4/1 "Generic OnOff Get/Status" OR MMDL 4/2 "Generic OnOff Set/Status" OR MMDL 4/3 "Generic OnOff Set Unacknowledged".
4/2	Generic OnOff Set/Status	[2] 3.4.1.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 4/1 "Generic OnOff Get/Status" OR MMDL 4/2 "Generic OnOff Set/Status" OR MMDL 4/3 "Generic OnOff Set Unacknowledged".
4/3	Generic OnOff Set Unacknowledged	[2] 3.4.1.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 4/1 "Generic OnOff Get/Status" OR MMDL 4/2 "Generic OnOff Set/Status" OR MMDL 4/3 "Generic OnOff Set Unacknowledged".

Table 5: Generic Level Client

Prerequisite: MMDL 3/2 "Generic Level Client"

Item	Capability	Reference	Support	Status	Comment
5/1	Generic Level Get/Status	[2] 3.4.2.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 5/1 "Generic Level Get/Status" OR MMDL 5/2 "Generic Level Set/Status" OR MMDL 5/3 "Generic Level Set Unacknowledged" OR MMDL 5/4 "Generic Delta Set/Status" OR MMDL 5/5 "Generic Delta Set Unacknowledged" OR MMDL 5/6 "Generic Move Set/Status" OR MMDL 5/7 "Generic Move Set Unacknowledged".
5/2	Generic Level Set/Status	[2] 3.4.2.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 5/1 "Generic Level Get/Status" OR MMDL 5/2 "Generic Level Set/Status" OR MMDL 5/3 "Generic Level Set Unacknowledged" OR MMDL 5/4 "Generic Delta Set/Status" OR MMDL 5/5 "Generic Delta Set Unacknowledged" OR MMDL 5/6 "Generic Move Set/Status" OR MMDL 5/7 "Generic Move Set Unacknowledged".
5/3	Generic Level Set Unacknowledged	[2] 3.4.2.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 5/1 "Generic Level Get/Status" OR MMDL 5/2 "Generic Level Set/Status" OR MMDL 5/3 "Generic Level Set Unacknowledged" OR MMDL 5/4 "Generic Delta Set/Status" OR MMDL 5/5 "Generic Delta Set Unacknowledged" OR MMDL 5/6 "Generic Move Set/Status" OR MMDL 5/7 "Generic Move Set Unacknowledged".
5/4	Generic Delta Set/Status	[2] 3.4.2.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 5/1 "Generic Level Get/Status" OR MMDL 5/2 "Generic Level Set/Status" OR MMDL 5/3 "Generic Level Set Unacknowledged" OR MMDL 5/4 "Generic Delta Set/Status" OR MMDL 5/5 "Generic Delta Set Unacknowledged" OR MMDL 5/6 "Generic Move Set/Status" OR MMDL 5/7 "Generic Move Set Unacknowledged".
5/5	Generic Delta Set Unacknowledged	[2] 3.4.2.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 5/1 "Generic Level Get/Status" OR MMDL 5/2 "Generic Level Set/Status" OR MMDL 5/3 "Generic Level Set Unacknowledged" OR MMDL 5/4 "Generic Delta Set/Status" OR MMDL 5/5 "Generic Delta Set Unacknowledged" OR MMDL 5/6 "Generic Move Set/Status" OR MMDL 5/7 "Generic Move Set Unacknowledged".
5/6	Generic Move Set/Status	[2] 3.4.2.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 5/1 "Generic Level Get/Status" OR MMDL 5/2 "Generic Level Set/Status" OR MMDL 5/3 "Generic Level Set Unacknowledged" OR MMDL 5/4 "Generic Delta Set/Status" OR MMDL 5/5 "Generic Delta Set Unacknowledged" OR MMDL 5/6 "Generic Move Set/Status"

| | | | | | OR MMDL 5/7 "Generic Move Set Unacknowledged". |
| 5/7 | Generic Move Set Unacknowledged | [2] 3.4.2.2 | C.1 | ☑ | C.1: Mandatory to support at least one of MMDL 5/1 "Generic Level Get/Status" OR MMDL 5/2 "Generic Level Set/Status" OR MMDL 5/3 "Generic Level Set Unacknowledged" OR MMDL 5/4 "Generic Delta Set/Status" OR MMDL 5/5 "Generic Delta Set Unacknowledged" OR MMDL 5/6 "Generic Move Set/Status" OR MMDL 5/7 "Generic Move Set Unacknowledged". |

Table 6: Generic Default Transition Time Client

Prerequisite: MMDL 3/3 "Generic Default Transition Time Client"

Item	Capability	Reference	Support	Status	Comment
6/1	Generic Default Transition Time Get/Status	[2] 3.4.3.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 6/1 "Generic Default Transition Time Get/Status" OR MMDL 6/2 "Generic Default Transition Time Set/Status" OR MMDL 6/3 "Generic Default Transition Time Set Unacknowledged".
6/2	Generic Default Transition Time Set/Status	[2] 3.4.3.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 6/1 "Generic Default Transition Time Get/Status" OR MMDL 6/2 "Generic Default Transition Time Set/Status" OR MMDL 6/3 "Generic Default Transition Time Set Unacknowledged".
6/3	Generic Default Transition Time Set Unacknowledged	[2] 3.4.3.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 6/1 "Generic Default Transition Time Get/Status" OR MMDL 6/2 "Generic Default Transition Time Set/Status" OR MMDL 6/3 "Generic Default Transition Time Set Unacknowledged".

Table 7: Generic Power OnOff Client

Prerequisite: MMDL 3/4 "Generic Power OnOff Client"

Item	Capability	Reference	Support	Status	Comment
7/1	Generic OnPowerUp Get/Status	[2] 3.4.4.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 7/1 "Generic OnPowerUp Get/Status" OR MMDL 7/2 "Generic OnPowerUp Set/Status" OR MMDL 7/3 "Generic OnPowerUp Set Unacknowledged".
7/2	Generic OnPowerUp Set/Status	[2] 3.4.4.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 7/1 "Generic OnPowerUp Get/Status" OR MMDL 7/2 "Generic OnPowerUp Set/Status" OR MMDL 7/3 "Generic OnPowerUp Set Unacknowledged".
7/3	Generic OnPowerUp Set Unacknowledged	[2] 3.4.4.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 7/1 "Generic OnPowerUp Get/Status" OR MMDL 7/2 "Generic OnPowerUp Set/Status" OR MMDL 7/3 "Generic OnPowerUp Set Unacknowledged".

Table 8: Generic Power Level Client

Prerequisite: MMDL 3/5 "Generic Power Level Client"

Item	Capability	Reference	Support	Status	Comment
8/1	Generic Power Level Get/Status	[2] 3.4.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 8/1 "Generic Power Level Get/Status" OR MMDL 8/2 "Generic Power Level Set/Status" OR MMDL 8/3 "Generic Power Level Set Unacknowledged" OR MMDL 8/4 "Generic Power Last Get/Status" OR MMDL 8/5 "Generic Power Default Get/Status" OR MMDL 8/6 "Generic Power Default Set/Status" OR MMDL 8/7 "Generic Power Default Set Unacknowledged" OR MMDL 8/8 "Generic Power Range Get/Status" OR MMDL 8/9 "Generic Power Range Set/Status" OR MMDL 8/10 "Generic Power Range Set Unacknowledged".
8/2	Generic Power Level Set/Status	[2] 3.4.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 8/1 "Generic Power Level Get/Status" OR MMDL 8/2 "Generic Power Level Set/Status" OR MMDL 8/3 "Generic Power Level Set Unacknowledged" OR MMDL 8/4 "Generic Power Last Get/Status" OR MMDL 8/5 "Generic Power Default Get/Status" OR MMDL 8/6 "Generic Power Default Set/Status" OR MMDL 8/7 "Generic Power Default Set Unacknowledged" OR MMDL 8/8 "Generic Power Range Get/Status" OR MMDL 8/9 "Generic Power Range Set/Status" OR MMDL 8/10 "Generic Power Range Set Unacknowledged".
8/3	Generic Power Level Set Unacknowledged	[2] 3.4.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 8/1 "Generic Power Level Get/Status" OR MMDL 8/2 "Generic Power Level Set/Status" OR MMDL 8/3 "Generic Power Level Set Unacknowledged" OR MMDL 8/4 "Generic Power Last Get/Status" OR MMDL 8/5 "Generic Power Default Get/Status" OR MMDL 8/6 "Generic Power Default Set/Status" OR MMDL 8/7 "Generic Power Default Set Unacknowledged" OR MMDL 8/8 "Generic Power Range Get/Status" OR MMDL 8/9 "Generic Power Range Set/Status" OR MMDL 8/10 "Generic Power Range Set Unacknowledged".
8/4	Generic Power Last Get/Status	[2] 3.4.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 8/1 "Generic Power Level Get/Status" OR MMDL 8/2 "Generic Power Level Set/Status" OR MMDL 8/3 "Generic Power Level Set Unacknowledged" OR MMDL 8/4 "Generic Power Last Get/Status" OR MMDL 8/5 "Generic Power Default Get/Status" OR MMDL 8/6 "Generic Power Default Set/Status" OR MMDL 8/7 "Generic Power Default Set Unacknowledged" OR MMDL 8/8 "Generic Power Range Get/Status" OR MMDL 8/9 "Generic Power Range Set/Status" OR MMDL 8/10 "Generic Power Range Set Unacknowledged".
8/5	Generic Power Default Get/Status	[2] 3.4.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 8/1 "Generic Power Level Get/Status" OR MMDL 8/2 "Generic Power Level Set/Status" OR MMDL 8/3 "Generic Power Level Set Unacknowledged" OR MMDL 8/4 "Generic Power Last Get/Status" OR MMDL 8/5 "Generic Power Default Get/Status" OR MMDL 8/6 "Generic Power Default Set/Status" OR MMDL 8/7 "Generic Power Default Set Unacknowledged" OR MMDL 8/8 "Generic Power Range Get/Status" OR MMDL 8/9 "Generic Power Range Set/Status" OR MMDL 8/10 "Generic Power Range Set Unacknowledged".
8/6	Generic Power Default Set/Status	[2] 3.4.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 8/1 "Generic Power Level Get/Status" OR MMDL 8/2 "Generic Power Level Set/Status" OR MMDL 8/3 "Generic Power Level Set Unacknowledged" OR MMDL 8/4 "Generic Power Last Get/Status" OR MMDL 8/5 "Generic Power Default Get/Status" OR MMDL 8/6

Item	Capability	Reference	Support	Status	Comment
					"Generic Power Default Set/Status" OR MMDL 8/7 "Generic Power Default Set Unacknowledged" OR MMDL 8/8 "Generic Power Range Get/Status" OR MMDL 8/9 "Generic Power Range Set/Status" OR MMDL 8/10 "Generic Power Range Set Unacknowledged".
8/7	Generic Power Default Set Unacknowledged	[2] 3.4.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 8/1 "Generic Power Level Get/Status" OR MMDL 8/2 "Generic Power Level Set/Status" OR MMDL 8/3 "Generic Power Level Set Unacknowledged" OR MMDL 8/4 "Generic Power Last Get/Status" OR MMDL 8/5 "Generic Power Default Get/Status" OR MMDL 8/6 "Generic Power Default Set/Status" OR MMDL 8/7 "Generic Power Default Set Unacknowledged" OR MMDL 8/8 "Generic Power Range Get/Status" OR MMDL 8/9 "Generic Power Range Set/Status" OR MMDL 8/10 "Generic Power Range Set Unacknowledged".
8/8	Generic Power Range Get/Status	[2] 3.4.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 8/1 "Generic Power Level Get/Status" OR MMDL 8/2 "Generic Power Level Set/Status" OR MMDL 8/3 "Generic Power Level Set Unacknowledged" OR MMDL 8/4 "Generic Power Last Get/Status" OR MMDL 8/5 "Generic Power Default Get/Status" OR MMDL 8/6 "Generic Power Default Set/Status" OR MMDL 8/7 "Generic Power Default Set Unacknowledged" OR MMDL 8/8 "Generic Power Range Get/Status" OR MMDL 8/9 "Generic Power Range Set/Status" OR MMDL 8/10 "Generic Power Range Set Unacknowledged".
8/9	Generic Power Range Set/Status	[2] 3.4.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 8/1 "Generic Power Level Get/Status" OR MMDL 8/2 "Generic Power Level Set/Status" OR MMDL 8/3 "Generic Power Level Set Unacknowledged" OR MMDL 8/4 "Generic Power Last Get/Status" OR MMDL 8/5 "Generic Power Default Get/Status" OR MMDL 8/6 "Generic Power Default Set/Status" OR MMDL 8/7 "Generic Power Default Set Unacknowledged" OR MMDL 8/8 "Generic Power Range Get/Status" OR MMDL 8/9 "Generic Power Range Set/Status" OR MMDL 8/10 "Generic Power Range Set Unacknowledged".
8/10	Generic Power Range Set Unacknowledged	[2] 3.4.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 8/1 "Generic Power Level Get/Status" OR MMDL 8/2 "Generic Power Level Set/Status" OR MMDL 8/3 "Generic Power Level Set Unacknowledged" OR MMDL 8/4 "Generic Power Last Get/Status" OR MMDL 8/5 "Generic Power Default Get/Status" OR MMDL 8/6 "Generic Power Default Set/Status" OR MMDL 8/7 "Generic Power Default Set Unacknowledged" OR MMDL 8/8 "Generic Power Range Get/Status" OR MMDL 8/9 "Generic Power Range Set/Status" OR MMDL 8/10 "Generic Power Range Set Unacknowledged".

Table 9: Generic Location Client

Prerequisite: MMDL 3/7 "Generic Location Client"

Item	Capability	Reference	Support	Status	Comment
9/1	Generic Location Global Get/Status	[2] 3.4.7.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 9/1 "Generic Location Global Get/Status" OR MMDL 9/2 "Generic Location Global Set/Status" OR MMDL 9/3 "Generic Location Global Set Unacknowledged" OR MMDL 9/4 "Generic Location Local Get/Status" OR MMDL 9/5 "Generic Location Local Set/Status" OR MMDL 9/6 "Generic Location Local Set Unacknowledged".
9/2	Generic Location Global Set/Status	[2] 3.4.7.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 9/1 "Generic Location Global Get/Status" OR MMDL 9/2 "Generic Location Global Set/Status" OR MMDL 9/3 "Generic Location Global Set Unacknowledged" OR MMDL 9/4 "Generic Location Local Get/Status" OR MMDL 9/5 "Generic Location Local Set/Status" OR MMDL 9/6 "Generic Location Local Set Unacknowledged".
9/3	Generic Location Global Set Unacknowledged	[2] 3.4.7.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 9/1 "Generic Location Global Get/Status" OR MMDL 9/2 "Generic Location Global Set/Status" OR MMDL 9/3 "Generic Location Global Set Unacknowledged" OR MMDL 9/4 "Generic Location Local Get/Status" OR MMDL 9/5 "Generic Location Local Set/Status" OR MMDL 9/6 "Generic Location Local Set Unacknowledged".
9/4	Generic Location Local Get/Status	[2] 3.4.7.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 9/1 "Generic Location Global Get/Status" OR MMDL 9/2 "Generic Location Global Set/Status" OR MMDL 9/3 "Generic Location Global Set Unacknowledged" OR MMDL 9/4 "Generic Location Local Get/Status" OR MMDL 9/5 "Generic Location Local Set/Status" OR MMDL 9/6 "Generic Location Local Set Unacknowledged".
9/5	Generic Location Local Set/Status	[2] 3.4.7.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 9/1 "Generic Location Global Get/Status" OR MMDL 9/2 "Generic Location Global Set/Status" OR MMDL 9/3 "Generic Location Global Set Unacknowledged" OR MMDL 9/4 "Generic Location Local Get/Status" OR MMDL 9/5 "Generic Location Local Set/Status" OR MMDL 9/6 "Generic Location Local Set Unacknowledged".
9/6	Generic Location Local Set Unacknowledged	[2] 3.4.7.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 9/1 "Generic Location Global Get/Status" OR MMDL 9/2 "Generic Location Global Set/Status" OR MMDL 9/3 "Generic Location Global Set Unacknowledged" OR MMDL 9/4 "Generic Location Local Get/Status" OR MMDL 9/5 "Generic Location Local Set/Status" OR MMDL 9/6 "Generic Location Local Set Unacknowledged".

Table 10: Generic Property Client

Prerequisite: MMDL 3/8 "Generic Property Client"

Item	Capability	Reference	Support	Status	Comment
10/1	Generic User Properties Get/Status	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".

10/2	Generic User Property Get/Status	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".
10/3	Generic User Property Set/Status	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".
10/4	Generic User Property Set Unacknowledged	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".
10/5	Generic Admin Properties Get/Status	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".
10/6	Generic Admin Property Get/Status	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".
10/7	Generic Admin Property Set/Status	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".
10/8	Generic Admin Property Set Unacknowledged	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".
10/9	Generic Manufacturer Properties Get/Status	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".
10/10	Generic Manufacturer Property Get/Status	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".

Item	Capability	Reference	Support	Status	Comment
10/11	Generic Manufacturer Property Set/Status	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".
10/12	Generic Manufacturer Property Set Unacknowledged	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".
10/13	Generic Client Properties Get/Status	[2] 3.4.8.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 10/1 "Generic User Properties Get/Status" OR MMDL 10/2 "Generic User Property Get/Status" OR MMDL 10/3 "Generic User Property Set/Status" OR MMDL 10/4 "Generic User Property Set Unacknowledged" OR MMDL 10/5 "Generic Admin Properties Get/Status" OR MMDL 10/6 "Generic Admin Property Get/Status" OR MMDL 10/7 "Generic Admin Property Set/Status" OR MMDL 10/8 "Generic Admin Property Set Unacknowledged" OR MMDL 10/9 "Generic Manufacturer Properties Get/Status" OR MMDL 10/10 "Generic Manufacturer Property Get/Status" OR MMDL 10/11 "Generic Manufacturer Property Set/Status" OR MMDL 10/12 "Generic Manufacturer Property Set Unacknowledged" OR MMDL 10/13 "Generic Client Properties Get/Status".

Table 11: Sensor Server Models

Item	Capability	Reference	Support	Status	Comment

Table 12: Sensor Client Models

Item	Capability	Reference	Support	Status	Comment

Table 13: Sensor Client

Prerequisite: MMDL 12/1 "Sensor Client"

Item	Capability	Reference	Support	Status	Comment

Table 14: Time and Scenes Server Models

Item	Capability	Reference	Support	Status	Comment

Table 15: Time and Scenes Client Models

Prerequisite: MMDL 3/2 "Generic Level Client"

Item	Capability	Reference	Support	Status	Comment

Table 16: Time Client

Prerequisite: MMDL 15/1 "Time Client"

Item	Capability	Reference	Support	Status	Comment

Table 17: Scene Client

Prerequisite: MMDL 15/2 "Scene Client"

Item	Capability	Reference	Support	Status	Comment

Table 18: Scheduler Client

Prerequisite: MMDL 15/3 "Scheduler Client"

Item	Capability	Reference	Support	Status	Comment

Table 19: Lighting Server Models

Item	Capability	Reference	Support	Status	Comment

19/1	Light Lightness Server	[2] 6.4.1	C.1	☑	C.1: Optional IF MMDL 2/2 "Generic Level Server" AND MMDL 2/4 "Generic Power OnOff Server" are supported, otherwise Excluded.
19/2	Light Lightness Setup Server	[2] 6.4.2	C.2	☑	C.2: Mandatory IF MMDL 2/5 "Generic Power OnOff Setup Server" AND MMDL 19/1 "Light Lightness Server" are supported, otherwise Excluded.
19/3	Light CTL Server	[2] 6.4.3	C.3	☑	C.3: Optional IF MMDL 19/1 "Light Lightness Server" is supported, otherwise Excluded.
19/4	Light CTL Temperature Server	[2] 6.4.4	C.4	☑	C.4: Mandatory IF MMDL 19/3 "Light CTL Server" is supported, otherwise Excluded.
19/5	Light CTL Setup Server	[2] 6.4.5	C.5	☑	C.5: Mandatory IF MMDL 19/2 "Light Lightness Setup Server" AND MMDL 19/3 "Light CTL Server" are supported, otherwise Excluded.
19/6	Light HSL Server	[2] 6.4.6	C.3	☑	C.3: Optional IF MMDL 19/1 "Light Lightness Server" is supported, otherwise Excluded.
19/7	Light HSL Hue Server	[2] 6.4.7	C.6	☑	C.6: Mandatory IF MMDL 19/6 "Light HSL Server" is supported, otherwise Excluded.
19/8	Light HSL Saturation Server	[2] 6.4.8	C.6	☑	C.6: Mandatory IF MMDL 19/6 "Light HSL Server" is supported, otherwise Excluded.
19/9	Light HSL Setup Server	[2] 6.4.9	C.7	☑	C.7: Mandatory IF MMDL 19/2 "Light Lightness Setup Server" AND MMDL 19/6 "Light HSL Server" are supported, otherwise Excluded.
19/10	Light xyL Server	[2] 6.4.10	C.3	☑	C.3: Optional IF MMDL 19/1 "Light Lightness Server" is supported, otherwise Excluded.
19/11	Light xyL Setup Server	[2] 6.4.11	C.8	☑	C.8: Mandatory IF MMDL 19/2 "Light Lightness Setup Server" AND MMDL 19/10 "Light xyL Server" are supported, otherwise Excluded.

Table 20: Lighting Control Models

Item	Capability	Reference	Support	Status	Comment
20/1	Light LC Server	[2] 6.5.1	C.1	☑	C.1: Optional IF MMDL 19/1 "Light Lightness Server" is supported, otherwise Excluded.
20/2	Light LC Setup Server	[2] 6.5.3	C.2	☑	C.2: Mandatory IF MMDL 20/1 "Light LC Server" is supported, otherwise Excluded.

Table 21: Lighting Client Models

Item	Capability	Reference	Support	Status	Comment
21/1	Light Lightness Client	[2] 6.6.1	O	☑	
21/2	Light CTL Client	[2] 6.6.2	O	☑	
21/3	Light HSL Client	[2] 6.6.3	O	☑	
21/4	Light xyL Client	[2] 6.6.4	O	☑	
21/5	Light LC Client	[2] 6.6.5	O	☑	

Table 22: Light Lightness Client

Prerequisite: MMDL 21/1 "Light Lightness Client"

Item	Capability	Reference	Support	Status	Comment
22/1	Light Lightness Get/Status	[2] 6.6.1.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".
22/2	Light Lightness Set/Status	[2] 6.6.1.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".
22/3	Light Lightness Set Unacknowledged	[2] 6.6.1.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range

					Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".
22/4	Light Lightness Linear Get/Status	[2] 6.6.1.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".
22/5	Light Lightness Linear Set/Status	[2] 6.6.1.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".
22/6	Light Lightness Linear Set Unacknowledged	[2] 6.6.1.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".
22/7	Light Lightness Last Get/Status	[2] 6.6.1.4	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".
22/8	Light Lightness Default Get/Status	[2] 6.6.1.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".
22/9	Light Lightness Default Set/Status	[2] 6.6.1.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".
22/10	Light Lightness Default Set Unacknowledged	[2] 6.6.1.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".
22/11	Light Lightness Range Get/Status	[2] 6.6.1.6	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".
22/12	Light Lightness Range Set/Status	[2] 6.6.1.6	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness

					Range Set Unacknowledged".
22/13	Light Lightness Range Set Unacknowledged	[2] 6.6.1.6	C.1	☑	C.1: Mandatory to support at least one of MMDL 22/1 "Light Lightness Get/Status" OR MMDL 22/2 "Light Lightness Set/Status" OR MMDL 22/3 "Light Lightness Set Unacknowledged" OR MMDL 22/4 "Light Lightness Linear Get/Status" OR MMDL 22/5 "Light Lightness Linear Set/Status" OR MMDL 22/6 "Light Lightness Linear Set Unacknowledged" OR MMDL 22/7 "Light Lightness Last Get/Status" OR MMDL 22/8 "Light Lightness Default Get/Status" OR MMDL 22/9 "Light Lightness Default Set/Status" OR MMDL 22/10 "Light Lightness Default Set Unacknowledged" OR MMDL 22/11 "Light Lightness Range Get/Status" OR MMDL 22/12 "Light Lightness Range Set/Status" OR MMDL 22/13 "Light Lightness Range Set Unacknowledged".

Table 23: Light CTL Client

Prerequisite: MMDL 21/2 "Light CTL Client"

Item	Capability	Reference	Support	Status	Comment
23/1	Light CTL Get/Status	[2] 6.6.2.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".
23/2	Light CTL Set/Status	[2] 6.6.2.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".
23/3	Light CTL Set Unacknowledged	[2] 6.6.2.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".
23/4	Light CTL Temperature Get/Status	[2] 6.6.2.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".
23/5	Light CTL Temperature Set/Status	[2] 6.6.2.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".
23/6	Light CTL Temperature Set Unacknowledged	[2] 6.6.2.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".
23/7	Light CTL Default Get/Status	[2] 6.6.2.4	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".
23/8	Light CTL Default Set/Status	[2] 6.6.2.4	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".
23/9	Light CTL Default	[2] 6.6.2.4	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL

Item	Capability	Reference	Support	Status	Comment
	Set Unacknowledged				Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".
23/10	Light CTL Temperature Range Get/Status	[2] 6.6.2.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".
23/11	Light CTL Temperature Range Set/Status	[2] 6.6.2.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".
23/12	Light CTL Temperature Range Set Unacknowledged	[2] 6.6.2.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 23/1 "Light CTL Get/Status" OR MMDL 23/2 "Light CTL Set/Status" OR MMDL 23/3 "Light CTL Set Unacknowledged" OR MMDL 23/4 "Light CTL Temperature Get/Status" OR MMDL 23/5 "Light CTL Temperature Set/Status" OR MMDL 23/6 "Light CTL Temperature Set Unacknowledged" OR MMDL 23/7 "Light CTL Default Get/Status" OR MMDL 23/8 "Light CTL Default Set/Status" OR MMDL 23/9 "Light CTL Default Set Unacknowledged" OR MMDL 23/10 "Light CTL Temperature Range Get/Status" OR MMDL 23/11 "Light CTL Temperature Range Set/Status" OR MMDL 23/12 "Light CTL Temperature Range Set Unacknowledged".

Table 24: Light HSL Client

Prerequisite: MMDL 21/3 "Light HSL Client"

Item	Capability	Reference	Support	Status	Comment
24/1	Light HSL Get/Status	[2] 6.6.3.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/2	Light HSL Set/Status	[2] 6.6.3.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/3	Light HSL Set Unacknowledged	[2] 6.6.3.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/4	Light HSL Target Get/Status	[2] 6.6.3.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/5	Light HSL Default Get/Status	[2] 6.6.3.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range

					Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/6	Light HSL Default Set/Status	[2] 6.6.3.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/7	Light HSL Default Set Unacknowledged	[2] 6.6.3.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/8	Light HSL Range Get/Status	[2] 6.6.3.4	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/9	Light HSL Range Set/Status	[2] 6.6.3.4	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/10	Light HSL Range Set Unacknowledged	[2] 6.6.3.4	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/11	Light HSL Hue Get/Status	[2] 6.6.3.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/12	Light HSL Hue Set/Status	[2] 6.6.3.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/13	Light HSL Hue Set Unacknowledged	[2] 6.6.3.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set

Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".

Item	Capability	Reference	Support	Status	Comment
24/14	Light HSL Saturation Get/Status	[2] 6.6.3.6	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/15	Light HSL Saturation Set/Status	[2] 6.6.3.6	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".
24/16	Light HSL Saturation Set Unacknowledged	[2] 6.6.3.6	C.1	☑	C.1: Mandatory to support at least one of MMDL 24/1 "Light HSL Get/Status" OR MMDL 24/2 "Light HSL Set/Status" OR MMDL 24/3 "Light HSL Set Unacknowledged" OR MMDL 24/4 "Light HSL Target Get/Status" OR MMDL 24/5 "Light HSL Default Get/Status" OR MMDL 24/6 "Light HSL Default Set/Status" OR MMDL 24/7 "Light HSL Default Set Unacknowledged" OR MMDL 24/8 "Light HSL Range Get/Status" OR MMDL 24/9 "Light HSL Range Set/Status" OR MMDL 24/10 "Light HSL Range Set Unacknowledged" OR MMDL 24/11 "Light HSL Hue Get/Status" OR MMDL 24/12 "Light HSL Hue Set/Status" OR MMDL 24/13 "Light HSL Hue Set Unacknowledged" OR MMDL 24/14 "Light HSL Saturation Get/Status" OR MMDL 24/15 "Light HSL Saturation Set/Status" OR MMDL 24/16 "Light HSL Saturation Set Unacknowledged".

Table 25: Light xyL Client

Prerequisite: MMDL 21/4 "Light xyL Client"

Item	Capability	Reference	Support	Status	Comment
25/1	Light xyL Get/Status	[2] 6.6.4.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 25/1 "Light xyL Get/Status" OR MMDL 25/2 "Light xyL Set/Status" OR MMDL 25/3 "Light xyL Set Unacknowledged" OR MMDL 25/4 "Light xyL Target Get/Status" OR MMDL 25/5 "Light xyL Default Get/Status" OR MMDL 25/6 "Light xyL Default Set/Status" OR MMDL 25/7 "Light xyL Default Set Unacknowledged" OR MMDL 25/8 "Light xyL Range Get/Status" OR MMDL 25/9 "Light xyL Range Set/Status" OR MMDL 25/10 "Light xyL Range Set Unacknowledged".
25/2	Light xyL Set/Status	[2] 6.6.4.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 25/1 "Light xyL Get/Status" OR MMDL 25/2 "Light xyL Set/Status" OR MMDL 25/3 "Light xyL Set Unacknowledged" OR MMDL 25/4 "Light xyL Target Get/Status" OR MMDL 25/5 "Light xyL Default Get/Status" OR MMDL 25/6 "Light xyL Default Set/Status" OR MMDL 25/7 "Light xyL Default Set Unacknowledged" OR MMDL 25/8 "Light xyL Range Get/Status" OR MMDL 25/9 "Light xyL Range Set/Status" OR MMDL 25/10 "Light xyL Range Set Unacknowledged".
25/3	Light xyL Set Unacknowledged	[2] 6.6.4.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 25/1 "Light xyL Get/Status" OR MMDL 25/2 "Light xyL Set/Status" OR MMDL 25/3 "Light xyL Set Unacknowledged" OR MMDL 25/4 "Light xyL Target Get/Status" OR MMDL 25/5 "Light xyL Default Get/Status" OR MMDL 25/6 "Light xyL Default Set/Status" OR MMDL 25/7 "Light xyL Default Set Unacknowledged" OR MMDL 25/8 "Light xyL Range Get/Status" OR MMDL 25/9 "Light xyL Range Set/Status" OR MMDL 25/10 "Light xyL Range Set Unacknowledged".
25/4	Light xyL Target Get/Status	[2] 6.6.4.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 25/1 "Light xyL Get/Status" OR MMDL 25/2 "Light xyL Set/Status" OR MMDL 25/3 "Light xyL Set Unacknowledged" OR MMDL 25/4 "Light xyL Target Get/Status" OR MMDL 25/5 "Light xyL Default Get/Status" OR MMDL 25/6 "Light xyL Default Set/Status" OR MMDL 25/7 "Light xyL Default Set Unacknowledged" OR MMDL 25/8 "Light xyL Range Get/Status" OR MMDL 25/9 "Light xyL Range Set/Status" OR MMDL 25/10 "Light xyL Range Set Unacknowledged".
25/5	Light xyL Default Get/Status	[2] 6.6.4.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 25/1 "Light xyL Get/Status" OR MMDL 25/2 "Light xyL Set/Status" OR MMDL 25/3 "Light xyL Set Unacknowledged" OR MMDL 25/4 "Light xyL Target Get/Status" OR MMDL 25/5 "Light xyL Default Get/Status" OR MMDL 25/6 "Light xyL Default Set/Status" OR MMDL 25/7 "Light xyL Default Set Unacknowledged" OR MMDL 25/8 "Light xyL Range Get/Status" OR MMDL 25/9 "Light xyL Range Set/Status" OR MMDL 25/10 "Light xyL Range Set Unacknowledged".
25/6	Light xyL Default Set/Status	[2] 6.6.4.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 25/1 "Light xyL Get/Status" OR MMDL 25/2 "Light xyL Set/Status" OR MMDL 25/3 "Light xyL Set Unacknowledged" OR MMDL 25/4 "Light xyL Target Get/Status" OR MMDL 25/5 "Light xyL Default Get/Status" OR MMDL 25/6 "Light xyL Default Set/Status" OR MMDL 25/7 "Light xyL Default Set Unacknowledged" OR MMDL 25/8 "Light xyL Range Get/Status" OR MMDL 25/9 "Light xyL Range Set/Status" OR MMDL 25/10 "Light xyL Range Set Unacknowledged".
25/7	Light xyL Default Set Unacknowledged	[2] 6.6.4.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 25/1 "Light xyL Get/Status" OR MMDL 25/2 "Light xyL Set/Status" OR MMDL 25/3 "Light xyL Set Unacknowledged" OR MMDL 25/4 "Light xyL Target Get/Status" OR MMDL 25/5 "Light xyL Default Get/Status" OR MMDL 25/6 "Light xyL Default Set/Status" OR MMDL 25/7 "Light xyL Default Set Unacknowledged" OR MMDL 25/8 "Light xyL Range Get/Status" OR MMDL 25/9 "Light xyL Range Set/Status" OR MMDL 25/10 "Light xyL Range Set Unacknowledged".

Item	Capability	Reference	Support	Status	Comment
25/8	Light xyL Range Get/Status	[2] 6.6.4.4	C.1	☑	C.1: Mandatory to support at least one of MMDL 25/1 "Light xyL Get/Status" OR MMDL 25/2 "Light xyL Set/Status" OR MMDL 25/3 "Light xyL Set Unacknowledged" OR MMDL 25/4 "Light xyL Target Get/Status" OR MMDL 25/5 "Light xyL Default Get/Status" OR MMDL 25/6 "Light xyL Default Set/Status" OR MMDL 25/7 "Light xyL Default Set Unacknowledged" OR MMDL 25/8 "Light xyL Range Get/Status" OR MMDL 25/9 "Light xyL Range Set/Status" OR MMDL 25/10 "Light xyL Range Set Unacknowledged".
25/9	Light xyL Range Set/Status	[2] 6.6.4.4	C.1	☑	C.1: Mandatory to support at least one of MMDL 25/1 "Light xyL Get/Status" OR MMDL 25/2 "Light xyL Set/Status" OR MMDL 25/3 "Light xyL Set Unacknowledged" OR MMDL 25/4 "Light xyL Target Get/Status" OR MMDL 25/5 "Light xyL Default Get/Status" OR MMDL 25/6 "Light xyL Default Set/Status" OR MMDL 25/7 "Light xyL Default Set Unacknowledged" OR MMDL 25/8 "Light xyL Range Get/Status" OR MMDL 25/9 "Light xyL Range Set/Status" OR MMDL 25/10 "Light xyL Range Set Unacknowledged".
25/10	Light xyL Range Set Unacknowledged	[2] 6.6.4.4	C.1	☑	C.1: Mandatory to support at least one of MMDL 25/1 "Light xyL Get/Status" OR MMDL 25/2 "Light xyL Set/Status" OR MMDL 25/3 "Light xyL Set Unacknowledged" OR MMDL 25/4 "Light xyL Target Get/Status" OR MMDL 25/5 "Light xyL Default Get/Status" OR MMDL 25/6 "Light xyL Default Set/Status" OR MMDL 25/7 "Light xyL Default Set Unacknowledged" OR MMDL 25/8 "Light xyL Range Get/Status" OR MMDL 25/9 "Light xyL Range Set/Status" OR MMDL 25/10 "Light xyL Range Set Unacknowledged".

Table 26: Light LC Client

Prerequisite: MMDL 21/5 "Light LC Client"

Item	Capability	Reference	Support	Status	Comment
26/1	Light LC Mode Get/Status	[2] 6.6.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".
26/2	Light LC Mode Set/Status	[2] 6.6.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".
26/3	Light LC Mode Set Unacknowledged	[2] 6.6.5.2	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".
26/4	Light LC OM Get/Status	[2] 6.6.5.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".
26/5	Light LC OM Set/Status	[2] 6.6.5.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".
26/6	Light LC OM Set Unacknowledged	[2] 6.6.5.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".
26/7	Light LC Light OnOff Get/Status	[2] 6.6.5.4	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".
26/8	Light LC Light OnOff Set/Status	[2] 6.6.5.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC

					OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".
26/9	Light LC Light OnOff Set Unacknowledged	[2] 6.6.5.3	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".
26/10	Light LC Property Get/Status	[2] 6.6.5.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".
26/11	Light LC Property Set/Status	[2] 6.6.5.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".
26/12	Light LC Property Set Unacknowledged	[2] 6.6.5.5	C.1	☑	C.1: Mandatory to support at least one of MMDL 26/1 "Light LC Mode Get/Status" OR MMDL 26/2 "Light LC Mode Set/Status" OR MMDL 26/3 "Light LC Mode Set Unacknowledged" OR MMDL 26/4 "Light LC OM Get/Status" OR MMDL 26/5 "Light LC OM Set/Status" OR MMDL 26/6 "Light LC OM Set Unacknowledged" OR MMDL 26/7 "Light LC Light OnOff Get/Status" OR MMDL 26/8 "Light LC Light OnOff Set/Status" OR MMDL 26/9 "Light LC Light OnOff Set Unacknowledged" OR MMDL 26/10 "Light LC Property Get/Status" OR MMDL 26/11 "Light LC Property Set/Status" OR MMDL 26/12 "Light LC Property Set Unacknowledged".

Table 27: States on Secondary Elements

Item	Capability	Reference	Support	Status	Comment
27/1	Generic OnOff State on Secondary Elements	[2] 6.5.1	C.1	☑	C.1: Mandatory IF MMDL 20/1 "Light LC Server" is supported, otherwise Optional.
27/2	Generic Level State on Secondary Elements	[2] 6.4.3, 6.4.6	C.2	☑	C.2: Mandatory IF MMDL 19/3 "Light CTL Server" OR MMDL 19/6 "Light HSL Server" are supported, otherwise Optional.

Low Energy RF PHY

Table 1: Bluetooth LE RF Capabilities

Item	Capability	Reference	Support	Status	Comment
1/3	LE Transceiver	[1] 3, 4	C.1	☑	C.1: Mandatory to support at least one of these capabilities. Note that selecting both RF PHY 1/1 "LE Transmitter" and RF PHY 1/2 "LE Receiver" is equivalent to selecting RF PHY 1/3 "LE Transceiver" and vice versa.

Table 2: Bluetooth LE Test Interface Capabilities

Item	Capability	Reference	Support	Status	Comment
2/1	HCI Test Interface	[2] 2	C.1	☑	C.1: At least one of the capabilities shall be supported.

Security Manager Protocol

Table 1: Role

Item	Capability	Reference	Support	Status	Comment
1/1	Central Role (Initiator)	[1] 2.4	C.1	☑	C.1: Mandatory IF SM 1/2 "Peripheral Role (Responder)" is not supported, otherwise Optional.
1/2	Peripheral Role (Responder)	[1] 2.4	C.2	☑	C.2: Optional IF GAP 5/3 "Peripheral (LE-Only)" OR GAP 38/3 "Peripheral (BR/EDR/LE)" are supported, otherwise Excluded.

Table 2: Security Properties

Item	Capability	Reference	Support	Status	Comment
2/1	Authenticated MITM protection	[1] 2.3.1	O	☑	
2/2	Unauthenticated no MITM protection	[1] 2.3.1	C.1	☑	C.1: Mandatory IF SM 2/1 "Authenticated MITM protection" is supported, otherwise Optional.
2/3	No security requirements	[1] 2.3.1	M	☑	
2/5	LE Secure Connections	[3] 2.3.1	O	☑	

Table 3: Encryption Key Size

Prerequisite: SM 2/1 "Authenticated MITM protection" OR SM 2/2 "Unauthenticated no MITM protection" OR SM 2/4 "OOB supported"

Item	Capability	Reference	Support	Status	Comment
3/1	Encryption Key Size	[1] 2.3.4	M	☑	

Table 4: Pairing Method

Item	Capability	Reference	Support	Status	Comment
4/1	Just Works	[1] 2.3.5	O	☑	
4/2	Passkey Entry	[1] 2.3.5	C.1	☑	C.1: Mandatory to support at least one of the defined methods IF SM 2/1 "Authenticated MITM protection" is supported, otherwise Excluded.

Table 5: Security Initiation

Item	Capability	Reference	Support	Status	Comment
5/1	Encryption Setup using STK	[1] 2.4	C.3	☑	C.3: Mandatory IF SM 2/1 "Authenticated MITM protection" OR SM 2/2 "Unauthenticated no MITM protection" OR SM 2/4 "OOB supported" is supported, otherwise Excluded.
5/2	Encryption Setup using LTK	[1] 2.4	O	☑	
5/3	Peripheral Initiated Security	[1] 2.4.6	C.1	☑	C.1: Optional IF SM 1/2 "Peripheral Role (Responder)" is supported, otherwise Excluded.
5/4	Peripheral Initiated Security – Central response	[1] 2.4.6	C.2	☑	C.2: Mandatory IF SM 1/1 "Central Role (Initiator)" is supported, otherwise Excluded.

Table 6: Signing Algorithm

Item	Capability	Reference	Support	Status	Comment

Table 7: Key Distribution

Item	Capability	Reference	Support	Status	Comment
7/1	Encryption Key	[2] 9.4.3	C.1	☑	C.1: Mandatory IF GAP 24/2 "Bondable mode" OR GAP 34/2 "Bondable mode" is supported, otherwise Optional.
7/2	Identity Key	[2] 10.7	C.2	☑	C.2: Mandatory IF GAP 26/3 "Resolvable private address generation procedure" is supported, otherwise Optional.

Table 8: Cross-Transport Key Derivation

Item	Capability	Reference	Support	Status	Comment