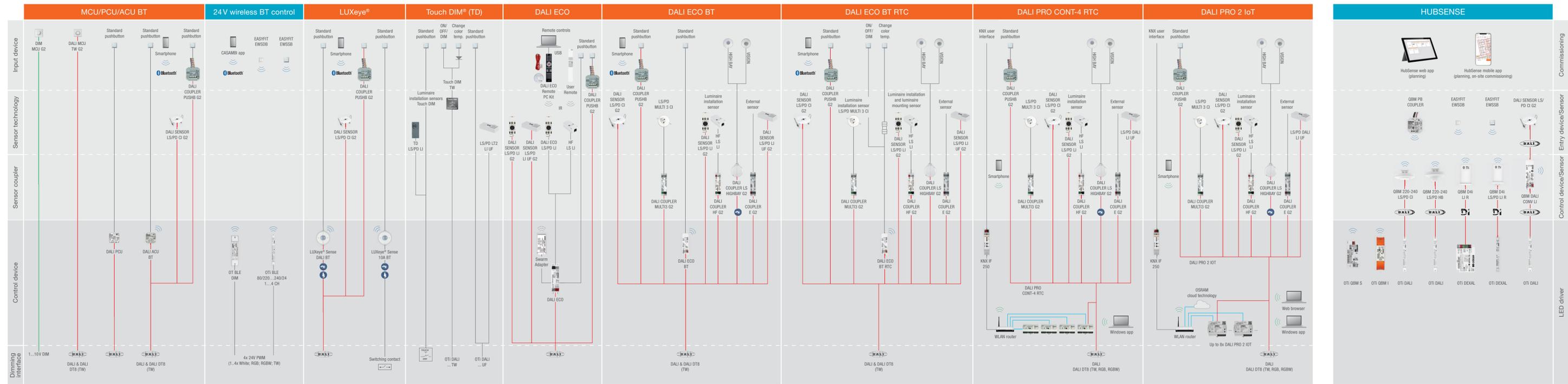


Light management systems from OSRAM



Control device	DALI PCU Pushbutton control unit	DALI MCU TW G2 Digital rotary dimmer Tunable White	DALI ACU BT DALI controller with Bluetooth® interface	DALI ECO BT DALI controller with Bluetooth® interface	OT BLE DIM Constant-voltage dimmer with Bluetooth® interface	DALI ECO BT RTC DALI controller with Bluetooth® interface	DALI PRO CONT-4 RTC Controller (RTC)	DALI PRO 2 IoT Controller (ITE)	LS/PO LT2 LI UF + OTI...UF	Touch DIM LS/PO LI + OTI...	LUXeye® Sense DALI BT	QBM DALI LS/PO LI R	OTI QBM 20 220-240 700 NFC S	EASYFIT double rocker wall switch	QBM DALI CONV LI	QBM 220-240 LS/PO CI	QBM 220-240 LS/PO HB CI	QBM PB Coupler
Functions	ECO System																	
Number of DALI control devices	25 (up to 100 with up to 4 DALI PCUs; flexible extension via DALI repeater)	25 (up to 100 with up to 4 DALI MCUs TW)	32	32	Up to 240 W	32	256 (up to 1,024 with up to 4 control units)	128 (up to 1,024 with 8 control units)	2	2	20	4	4	4	32	8	8	8
Plug-and-play function is supported, no commissioning for basic features required	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Daylight-dependent control			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Presence detection			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Groups			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Scenes			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tunable White		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Timer function		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Supports RGB/RGBW			Yes (a), (b)	Yes (a), (b), (c), (e)	Yes (a), (b), (c), (e)	Yes (a), (b), (c), (e)	Supports OSRAM DALI sensors	Yes (a), (b), (c), (d), (e)	Yes	Yes	Yes	Yes (f)	Yes	Yes (a), (e)	Yes (a)	Yes (a)	Yes (a)	Yes
App control			Smartphone app (BT Control) iOS / Android	Smartphone app (BT Control) iOS / Android		Smartphone app (BT Control) iOS / Android	Smartphone app (BT Control) iOS / Android	Smartphone app (BT Control) iOS / Android				HubSense mobile app	HubSense mobile app	HubSense mobile app	HubSense mobile app	HubSense mobile app	HubSense mobile app	HubSense mobile app
Time-of-day-dependent control (color temperature, HCL)			Yes (a), (b)	Yes (a), (b), (c), (e)	Yes (a), (b), (c), (e)	Yes (a), (b), (c), (e)	Yes (a), (b), (c), (e)	Yes (a), (b), (c), (d), (e)	Yes	Yes	Yes	Yes (f)	Yes	Yes (a), (e)	Yes (a)	Yes (a)	Yes (a)	Yes
DALI-2-certified		Yes (a), (b)	Yes (a), (b), (c), (e)	Yes (a), (b), (c), (e)	Yes (a), (b), (c), (e)	Yes (a), (b), (c), (e)	Supports OSRAM DALI sensors	Yes (a), (b), (c), (d), (e)	Yes	Yes	Yes	Yes (f)	Yes	Yes (a), (e)	Yes (a)	Yes (a)	Yes (a)	Yes
Swarm function (wireless communication between control units)			Yes (g)	Yes (g)	Yes (g)	Yes (g)	Yes (g)	Yes (g)	Yes	Yes	Yes	Yes (f)	Yes	Yes (a), (e)	Yes (a)	Yes (a)	Yes (a)	Yes
Commissioning tool			Smartphone app (BT Config) iOS / Android	Smartphone app (BT Config) iOS / Android	Smartphone app (Casambi)	Smartphone app (BT Config) iOS / Android	PC Tool (Windows)	Browser (quick commissioning) or PC Tool (max. features)				Smartphone app (BT Config) iOS / Android	HubSense web app/ mobile app	HubSense web app/ mobile app	HubSense web app/ mobile app	HubSense web app/ mobile app	HubSense web app/ mobile app	HubSense web app/ mobile app
Facility management system and IoT interface			Smartphone app (BT Config) iOS / Android	Smartphone app (BT Config) iOS / Android	Smartphone app (Casambi)	Smartphone app (BT Config) iOS / Android	PC Tool (Windows)	Browser (quick commissioning) or PC Tool (max. features)				Smartphone app (BT Config) iOS / Android	HubSense web app/ mobile app	HubSense web app/ mobile app	HubSense web app/ mobile app	HubSense web app/ mobile app	HubSense web app/ mobile app	HubSense web app/ mobile app
Centralized control commands							Optional: KNX interface*	Built-in IoT gateway										
Especially suitable for																		
Floor-standing luminaires	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Office	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Conference room	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Adjacent rooms	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Classrooms	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Accent lighting/Shop	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industry (high-bay warehouses)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Legend:

- DALI
- 1...10V DIM
- PWM
- Ethernet

Wireless: The individual components of control system communicate wirelessly (no bus wiring necessary).

Wired: The individual components of the control system are interconnected via bus wires.

Footnotes:

(a) Supports DALI-2 driver according to IEC 62381 part 102 with Casambi app

(b) Supports DALI-2 driver for Tunable White according to IEC 62381 part -106, DT8 T6

(c) Supports DALI-2 Push-buttons according to IEC 62381 part -101

(d) Supports DALI-2 Switches/ sliders according to IEC 62381 part -102

(e) Supports DALI-2 Occupancy and Light sensors according to IEC 62381 parts -103/ -104

(f) Supports DALI driver, alternative DALI-2 driver plus DALI power supply

(g) Details on request (see www.osram.com/b2ccom)

Additional Notes:

- *Broadcast without app, max. 4 groups with app with Casambi app
- †Up to 4 x 16 groups
- ‡Possible in combination with OSRAM OTI-DALI_TW LED drivers
- §Up to 2 x 16 groups
- ¶Up to 2 x 16 groups
- **Up to 2 x 16 groups
- ***Luminaire installation or independent installation with optional cable clamp kit in combination with high-bay sensors

- Features**
- Plug-and-play function
 - Daylight-dependent control with OSRAM DALI sensors
 - Presence detection
 - Groups
 - Scenes
 - Tunable White
 - Timer function
 - Supports RGB/RGBW
 - App control
 - Time-of-day-dependent control (color temperature, HCL)

All LMS solutions at a glance

Product overview

Input devices	Product category	Product reference	Product number
	Rotary dimmer for 1-10V	DIM MCU G2	4062172224642
	DALI MCU TW G2		4062172224673
	DALI pushbutton coupler	DALI COUPLER PUSHB G2	4062172087575
Sensor technology			
	Ceiling installation sensor for OSRAM DALI control units	DALI SENSOR LS/PO CI G2	4062172072083
	Pushbutton control unit	DALI PCU	4052899556022
	DALI control unit with Bluetooth® interface	DALI ACU BT	4052899544819

Input devices	Product category	Product reference	Product number
	EASYFIT Bluetooth® pushbutton	EASYFIT EWSDB	4062172082044
	EASYFIT Bluetooth® pushbutton	EASYFIT EWS5B	4062172082068
Control devices			
	CV dimmer with Bluetooth®	OT BLE DIM	4052899557833
	Constant-voltage supplies 24 V with Bluetooth®	OTI BLE 80/200...240/24 1...4 CH	4062172046558

Input devices	Product category	Product reference	Product number
	DALI pushbutton coupler	DALI COUPLER PUSHB G2	4062172087575
Sensor technology			
	Ceiling installation sensor for OSRAM DALI control units	DALI SENSOR LS/PO CI G2	4062172072083
	Surface-mounted ceiling installation adapter	LUXeye® Sense CM KIT	405289988729
Control devices			
	DALI controller with integrated sensor and Bluetooth®	LUXeye® Sense DALI BT	4052899957411
	CINCFIT controller with integrated sensor and Bluetooth® interface	LUXeye® Sense 10A BT	4052899957428

Sensor technology	Product category	Product reference	Product number
	Light and presence sensor, luminaire installation	TOUCH DIM LS/PO LI	4008321023025
	OSRAM DALI DT8 Tunable White control devices	OTI DALI...TW	4052899884615
	OSRAM DALI Ultra Flat control devices	OTI DALI...UF	4052899884615

Input devices	Product category	Product reference	Product number
	DALI pushbutton coupler	DALI COUPLER PUSHB G2	4062172087575
Sensor technology			
	Ultra-flat luminaire-integrated sensor for OSRAM DALI control devices	DALI SENSOR LS/PO LI UF G2	4062172072045
	Light and presence sensor	DALI ECO LS/PO LI NP	4052899914636
	Luminaire-integrated sensor for OSRAM DALI control devices	DALI SENSOR LS/PO DALI CI G2	4062172072069
	Light and presence sensor, radar, luminaire installation	HF LS LI	4052899921481
	Light and presence sensor, ceiling installation, swivelling	LS/PO MULTI 3 CI	4008321916648
	Ceiling installation sensor for OSRAM DALI control units	DALI SENSOR LS/PO CI G2	4062172072083
Control devices			
	Radio adapter for wireless synchronization	DALI ECO Swarm Adapter	4052899955646
	2-channel DALI controller	DALI ECO Control	4008321988645

Input devices	Product category	Product reference	Product number
	Motion sensor unit for DALI HIGHBAY ADAPTER	HIGH BAY SENSOR	4008321410078
	Motion sensor unit for DALI HIGHBAY ADAPTER	VISION SENSOR	4008321957047
	DALI pushbutton coupler	DALI COUPLER PUSHB G2	4062172087575
Sensor technology			
	Ultra-flat luminaire-integrated sensor for OSRAM DALI control devices	DALI SENSOR LS/PO LI UF G2	4062172072045
	Luminaire-integrated sensor for OSRAM DALI control devices	DALI SENSOR LS/PO DALI CI G2	4062172072069
	Light and presence sensor, radar, luminaire installation	HF LS LI	4052899921481
	Light and presence sensor, ceiling installation, swivelling	LS/PO MULTI 3 CI	4008321916648
	Ceiling installation sensor for OSRAM DALI control units	DALI SENSOR LS/PO CI G2	4062172072083
Sensor couplers			
	HF sensor coupler for OSRAM DALI control units	DALI COUPLER HF G2	4062172072199
	Sensor coupler for OSRAM DALI control units	DALI COUPLER MULTIS G2	4062172072113
	Sensor coupler with integrated light sensor for OSRAM DALI control units	DALI COUPLER LS HIGHBAY G2	4062172072137
	Sensor coupler for external sensors	DALI COUPLER E G2	4062172072212
Control devices			
	DALI control unit with Bluetooth® interface	DALI ECO BT	4052899988781
	DALI control unit with Bluetooth® interface and real-time clock	DALI ECO BT RTC	4062172016537

Input devices	Product category	Product reference	Product number
	Motion sensor unit for DALI HIGHBAY ADAPTER	HIGH BAY SENSOR	4008321410078
	Motion sensor unit for DALI HIGHBAY ADAPTER	VISION SENSOR	4008321957047
	DALI pushbutton coupler	DALI COUPLER PUSHB G2	4062172087575
Sensor technology			
	Ultra-flat luminaire-integrated sensor for OSRAM DALI control devices	DALI SENSOR LS/PO LI UF G2	4062172072045
	Luminaire-integrated sensor for OSRAM DALI control devices	DALI SENSOR LS/PO DALI CI G2	4062172072069
	Light and presence sensor, radar, luminaire installation	HF LS LI	4052899921481
	Light and presence sensor, ceiling installation, swivelling	LS/PO MULTI 3 CI	4008321916648
	Ceiling installation sensor for OSRAM DALI control units	DALI SENSOR LS/PO CI G2	4062172072083
Sensor couplers			
	HF sensor coupler for OSRAM DALI control units	DALI COUPLER HF G2	4062172072199
	Sensor coupler for OSRAM DALI control units	DALI COUPLER MULTIS G2	4062172072113
	Sensor coupler with integrated light sensor for OSRAM DALI control units	DALI COUPLER LS HIGHBAY G2	4062172072137
	Sensor coupler for external sensors	DALI COUPLER E G2	4062172072212
Control devices			
	DALI PRO CONT-4 RTC Control unit (8TE)		4008321710871
	KNX converter	KNX IF 250	4062172020008

Input devices	Product category	Product reference	Product number
	Motion sensor unit for DALI HIGHBAY ADAPTER	HIGH BAY SENSOR	4008321410078
	Motion sensor unit for DALI HIGHBAY ADAPTER	VISION SENSOR	4008321957047
	DALI pushbutton coupler	DALI COUPLER PUSHB G2	4062172087575
Sensor technology			
	Ultra-flat luminaire-integrated sensor for OSRAM DALI control devices	DALI SENSOR LS/PO LI UF G2	4062172072045
	Luminaire-integrated sensor for OSRAM DALI control devices	DALI SENSOR LS/PO DALI CI G2	4062172072069
	Light and presence sensor, radar, luminaire installation	HF LS LI	4052899921481
	Light and presence sensor, ceiling installation, swivelling	LS/PO MULTI 3 CI	4008321916648
	Ceiling installation sensor for OSRAM DALI control units	DALI SENSOR LS/PO CI G2	4062172072083
Sensor couplers			
	HF sensor coupler for OSRAM DALI control units	DALI COUPLER HF G2	4062172072199
	Sensor coupler for OSRAM DALI control units	DALI COUPLER MULTIS G2	4062172072113
	Sensor coupler with integrated light sensor for OSRAM DALI control units	DALI COUPLER LS HIGHBAY G2	4062172072137
	Sensor coupler for external sensors	DALI COUPLER E G2	4062172072212
Control devices			
	DALI PRO 2 IOT Control unit		4062172114189

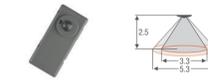
Input device/sensor	Product category	Product reference	Product number
	Qualified Bluetooth® Mesh pushbutton coupler	QBM PB COUPLER	4062172146012
	EASYFIT Bluetooth® pushbutton	EASYFIT EWS5B	4062172082044
	EASYFIT Bluetooth® pushbutton	EASYFIT EWS5B	4062172082068
	Ceiling installation sensor for OSRAM DALI control units	DALI SENSOR LS/PO DALI CI G2	4062172072083
Control device/sensor			
	Qualified Bluetooth® Mesh daylight and presence sensor	QBM 220-240 LS/PO CI	4062172161145
	Qualified Bluetooth® Mesh daylight and presence sensor	QBM 220-240 LS/PO HB	4062172161169
	Qualified Bluetooth® Mesh DECAL module	QBM DA4 LI R	405289962192
	Qualified Bluetooth® Mesh DECAL module	QBM DA4 LS/PO LI R	405289962194
	Qualified Bluetooth® Mesh DALI converter	QBM DALI CONV LI	4062172117388
LED drivers			
	Qualified Bluetooth® Mesh NFC S	OTI QBM S	4062172110129
	Qualified Bluetooth® Mesh NFC	OTI QBM I	4062172115025
	Control device with DALI interface	OTI DALI	
	Control device with OSRAM DECAL interface	OTI DECAL	
	Control device with OSRAM DECAL interface	OTI DECAL	

Input devices	Product category	Product reference	Product number
	Motion sensor unit for DALI HIGHBAY ADAPTER	HIGH BAY SENSOR	4008321410078
	Motion sensor unit for DALI HIGHBAY ADAPTER	VISION SENSOR	4008321957047
	DALI pushbutton coupler	DALI COUPLER PUSHB G2	4062172087575
Sensor technology			
	DALI light and presence sensor, luminaire installation	DALI SENSOR LS/PO LI G2	4062172072069
	DALI light and presence sensor, ceiling installation, swivelling	LS/PO MULTI 3 CI	4008321916648
	Ceiling installation sensor for OSRAM DALI control units	DALI SENSOR LS/PO CI G2	4062172072083
	Light and presence sensor, radar, luminaire installation	HF LS LI	4052899921481
Sensor couplers			
	Sensor coupler for OSRAM DALI control units	DALI COUPLER MULTIS G2	4062172072113
	HF sensor coupler for OSRAM DALI control units	DALI COUPLER HF G2	4062172072199
	Sensor coupler with integrated light sensor for OSRAM DALI control units	DALI COUPLER LS HIGHBAY G2	4062172072137
	Sensor coupler for external sensors	DALI COUPLER E G2	4062172072212
Control devices			
	Signal amplifier	DALI REP LI	4008321292599
	Signal amplifier	DALI REP SO	4008321301093
	Converter	DALI SWITCH SO	4008321533364

Product category	Product reference	Product number
	SIGNAL AMPLIFIER DIM SA	4008321097095
	24-V power supply PS 30	4052899553880
	Connector Y-Connector	4050300803135
	Connector Y-Con_Screw	4008321916686
	4PAC CONNECTION CABLE 250CM	4008321660145
	4PAC CONNECTION CABLE 500CM	4008321660150
	4PAC CONNECTION CABLE 1000CM	4008321660169
	4PAC CONNECTION CABLE 2000CM	4008321660190
	Mounting Adapter	4058 21480798
	Recessed ceiling installation adapter LS/PO CI KIT	4052899920293
	Sensor surface-mounted ceiling installation adapter LS/PO AP KIT	4052899173385
	Mounting adapter Sensor KIT	4008321916662
	Cable clamp ECO CI KIT	4008321382091
	Cable clamp LMS CI BOX	4008321083692

Sensors for luminaire installation

TOUCH DIM LS/PO LI



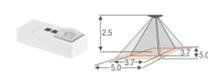
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Presence	2.5	3.3	4	5	-
Motion	4.5	5.3	6	7	7
Vehicles	-	-	-	-	-
Product no.:	4008321023025				

DALI SENSOR LS/PO LI G2



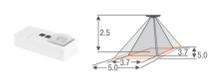
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Presence	2.5	3.3	4	5	-
Motion	4.5	5.3	6	7	7
Vehicles	-	-	-	-	-
Product no.:	4062172072069				

LS/PO LT2 LI UF



Mounting height	2	2.5	3	4
Presence	3	3.7	4.4	-
Motion	4	5	6	6.5
Vehicles	-	-	-	-
Product no.:	4052899884615			

DALI SENSOR LS/PO LI UF G2



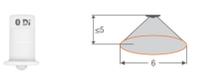
Mounting height	2	2.5	3	4
Presence	3	3.7	4.4	-
Motion	4	5	6	6.5
Vehicles	-	-	-	-
Product no.:	4062172072045			

HF LS LI



Mounting height	4	6	8	10
Presence	-	-	-	-
Motion	6.7	10	13.4	-
Vehicles	6.7	10	13.4	16
Product no.:	4052899921481			

QBM D4i LS/PO LI R



Mounting height	3	4	5
Presence	*	*	*
Motion	6	7	8
Vehicles	-	-	-
Product no.:	4052899627154		

Sensors for recessed and surface-mounted ceiling installation

LS/PO MULTI 3 CI



Mounting height	2	2.5	3	4	5
Presence	2.5	3.3	4	5	-
Motion	4.5	5.3	6	7	7
Vehicles	-	-	-	-	-
Product no.:	4008321916648				

DALI SENSOR LS/PO CI G2



Mounting height	2	2.5	3	4	5
Presence	2.5	3.3	4	5	-
Motion	4.5	5.3	6	7	7
Vehicles	-	-	-	-	-
Product no.:	4062172072083				

LUXeye® Sense DALI BT



Mounting height	2	2.5	3	4	5
Presence	4	5	6	7	-
Motion	4.8	6	6		