

basicDIM ILD G2 5DPI

Compact control module with ambient light sensor and motion sensor

Product description

- For up to 64 DALI drivers, expandable with DALI-2 Input Devices (see data sheet 3.1 Wiring)
- Integrated application controller
- Flexible configuration via companionSUITE
- 2 DALI groups with adjustable offset
- Monitoring of ambient light and motion detection
- Infrared remote control for configuration and operation
- Power supply via DALI line
- Shutter for preventing movement detection in one direction included
- Small dimensions allowing easy and inconspicuous integration in luminaries
- For luminaires of protection class I and protection class II
- Wide range of accessories allowing extended application range
- 5 years guarantee (conditions at www.tridonic.com)

Housing properties

- Casing: PC polycarbonate, white or black
- Type of protection IP20



Standards, page 5

Wiring diagrams and installation examples, page $\boldsymbol{6}$



basicDIM ILD G2 SFI 20 5DPI WH



basicDIM ILD G2 SRC 20 5DPI WH



basicDIM ILD G2 SFI 20 5DPI BK

TRIDONIC

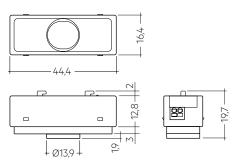


basicDIM ILD G2 5DPI

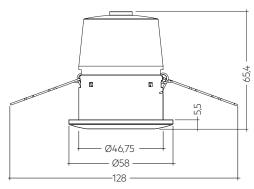
Compact control module with ambient light sensor and motion sensor

Technical data

Supply via	DALI
Supply voltage ^①	11.5 – 20.5 V
Current consumption (no status LED)	max. 11 mA
Current consumption (with status LED)	max. 12 mA
Mounting height	5 m
Mounting hole diameter	14.1 mm
Detection angle for PIR detection	84°
Detection angle for light measurement	30°
Detection range for light measurement [®]	2 – 2,000 lx
Min. temperature difference between ambient temperature and detected object	± 4 °C
Ambient temperature ta	-20 +50 °C
tc	60 °C
Storage temperature	-25 +60 °C
Housing material body	PC polycarbonate
Housing material lens	PE polyethylene
Housing colour body	White (similar to RAL 9010)
Housing colour lens	White
Type of installation	Fitted in luminaires
Type of protection	IP20
Guarantee (conditions at www.tridonic.com)	5 years



basicDIM ILD G2 SFI 20 5DPI WH + basicDIM ILD G2 SFI 20 5DPI BK



basicDIM ILD G2 SRC 20 5DPI WH

Type [®]	Article number	Colour	Dimension L x W x H	Packaging, carton	Weight per pc.
basicDIM ILD G2 SFI 20 5DPI WH	28003389	White	44.4 x 16.4 x 18.7 mm	40 pc(s).	0.009 kg
basicDIM ILD G2 SFI 20 5DPI BK	28003390	Black	44.4 x 16.4 x 18.7 mm	40 pc(s).	0.010 kg
basicDIM ILD G2 SRC 20 5DPI WH	28003391	White	58.0 x 58.0 x 65.4 mm	10 pc(s).	0.037 ka

^{14 - 20.5} V if use PBI1.

[©] The measured value at the sensor head corresponds to approx. 10 to 10,000 lux on the surface measured.

basicDIM



REMOTECONTROL IR6

Product description

- Optional infra-red remote control
- Switching on and off (On/Off button)
- Dimming (Up/Down button)
- Activation of automatic lighting control
- Setting the threshold control point (Set button)
- IR range up to 10 m
- Link to manual: http://www.tridonic.com/qrIR6



Ordering data

Туре	Article number	Dimensions L x W x H	Packaging carton	Weight per pc.	
REMOTECONTROL IR6	28000647	86.5 x 40.5 x 7.2 mm	500 pc(s).	0.019 kg	



basicDIM ILD G2 Programmer

Product description

- $\bullet\,$ Optional infra-red programming unit for basicDIM ILD G2
- Setting of predefined parameter values
- Programmable functions such as light level, time delay,
 P.I.R., bright-out, power up and grouping
- IR range up to 20 m
- Link to manual Anleitung: http://www.tridonic.com/qrlLD2Prog



Туре	Article number	Dimensions L x W x H	Packaging carton	Weight per pc.
basicDIM ILD G2 Programmer	28003484	130 x 56 x 15 mm	150 pc(s).	0.04 kg

SORIES

5DPI 14f Mounting Kit

Product description

- Mounting frame for attaching all 5DPI 14f sensor directly to the luminaire housing
- Shutter for preventing movement detection in one direction
- Glow wire test with 750 °C according to EN 61347-1





Ordering data

Туре	Article number	Packaging carton	Weight per pc.
5DPI 14f mounting kit	28001558	100 pc(s).	0.004 kg
5DPI 14f mounting kit black	28001575	100 pc(s).	0.004 kg

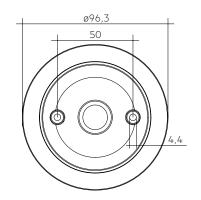
ACCES-SORIES

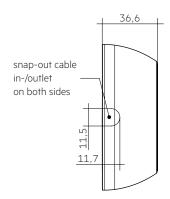
ACU Sensor Housing 14rs IP20

Product description

- Mounting frame for wired 5DP 14f sensors allowing direct mounting to the ceiling
- Easy "click in" installation of the sensor
- IP20
- Casing: plastic, white (relatd to RAL 9010)
- UV stabilized plastic
- Optional shutter for reduction of movement detection area allowing to decrease the movement detection area from 360° to 240°
- Mounting kit with screws and cover
- 0.5 mm wiring for the sensor
- Two 3 x 1.5 mm² clamps with cable management (2 entry points on oppsite sides)
- Glow wire test with 750 °C according to EN 61347-1







Туре	Article number	Packaging carton	Weight per pc.
ACU Sensor Housing 14rs IP20	28001872	57 pc(s).	0.054 kg

basicDIM ILD G2 CWM 20 PBI

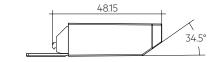
Product description

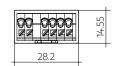
- Push Button Interface (PBI) for ILD G2 system
- Flexible configuration via the ILD G2 in combination with the companionSUITE
- Short push button action: automatic / fade off (factory default)
- Long push button action: dim up / dim down (factory default)
- Double push button action: set new target value for light regulation (factory default)
- Through-wiring DA1 / DA2 possible
- Detachable mounting flaps, allow installation in flush-mounted boxes and luminaires

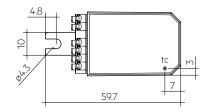
Note

- A permanent short circuit between T1a and T1b results in limited function
- Only push buttons can be used









Туре	Article number	Packaging carton	Weight per pc.
basicDIM ILD G2 CWM 20 PBI1	28003394	15 pc(s).	0.012 kg

1. Standards

EN/IEC 61347-2-11:2001 EN 55015:2013 EN 61000-3-2:2014 Part 3-2 EN 61000-3-3:2013 Part 3-3 EN 61547:2009

1.1 DALI standard

The basicDIM ILD G2 is designed to control control gear with DALI standard IEC 60929 (DALI V0), IEC 62386 (DALI V1/DALI-2).

1.2 Glow wire test

according to EN 61347-2-11 passed for temperatures up to 850°C.

2. Common

The basicDIM ILD G2 provides the basis for an easy-to-use and cost-effective lighting system with motion detection.

When the sensor detects movement it triggers a individual adjustable motion detection profile in the control unit.

As the amount of natural ambient light changes the illuminance from the artificial lighting system is adjusted.

The connected luminaires can be switched on and off via momentary-action switch or remote control possible.

IR is always active.

This sensor provides measurement of ambient light, motion detection via PIR sensor and IR remote control input as well as a LED output for signalisation. basicDIM ILD G2 is created for following main applications: Low height buildings such as

- Corridors, passages und Garages
- Office buildings and educational institutions



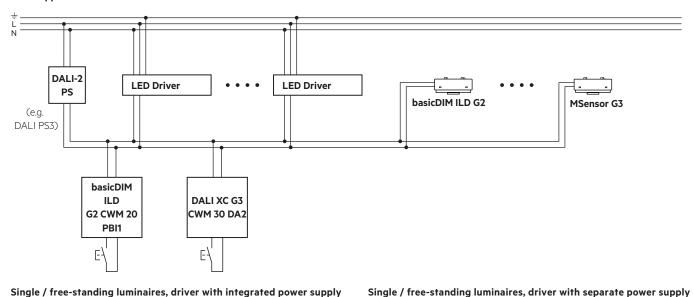
The basicDIM ILD G2 was developed and tested exclusively for Tridonic MSensor G3, XC G3 and PBI1. The use of other sensors and push button modules can lead to errors.

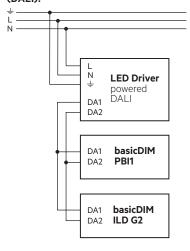
3. Installation

- The basicDIM ILD G2 must not be connected to the mains. It is supplied directly via the DALI power supply.
- DALI is not SELV.
- The installation instructions for mains voltage therefore apply.
- Please ensure that the detection range of the sensor lies in the lighting area of the controlled luminaires.
- Please ensure that the detection ranges of the sensors do not overlap.
 This may have influence to the lighting control.
- When installed at a height other than the recommended installation height, the presence sensor might show different characteristics.
 When mounted at a higher level, its sensitivity is reduced.
 If mounted at a lower level, its range is reduced.
- Heaters, fans, printers and copiers located in the detection zone may cause incorrect presence detection.
- Avoid direct illumination of the light source on the sensor including housing.
- Additional IR sources can disturb the sensor.
- The maximum permissible current consumption of all components on the bus must not exceed the maximum permissible current of the connected DALI Power Supply.
- When using pre-addressed DALI components, double addressing may occur. This error can be corrected by pressing the reset button.
 Commissioning must be carried out again.
- Additional IR sources can interfere with the sensor.
- The maximum permissible current consumption of all components on the bus must not exceed the maximum permissible current of the connected DALI Power Supply.
- When using pre-addressed DALI components, double addressing may occur. This error can be corrected by pressing the reset button (basicDIM ILD G2 Programmer). The commissioning must be carried out again.

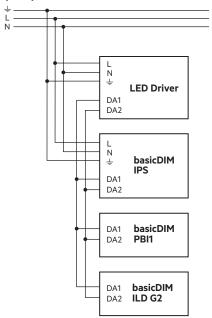
3.1 Wiring

Room application:





(DALI):



Maximum number of connected devices:

Devices	Number
ILD G2	1 pc.
DALI PS	2 pc. (max. 250 mA)
LED driver	64 pcs.
Input devices (MSensor G3, XC G3)	8 pcs.
PBI1	4 pcs.

DALI repeater must not be used.

Compatible accessories:

- MSensor G3 as additional, slave motion detector
- XC G3 as multi channel push button interface

Factory settings for DALI XC G3:

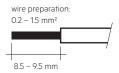
Button	Action	Factory settings
	Short press	Automtic / Fade off
T1	Long press	Dim up / Dim down
	Double click	SET (store new value for constant light control)
	Short press	Automatic
T2	Long press	not used
	Double click	not used
	Short press	not used
T3	Long press	Dim up / Dim down
	Double click	not used
	Short press	Automatic (switch luminaire on or change to automatic mode)
T4	Long press	not used
	Double click	SET (store new value for constant light control)

Factory settings for PBI1:

Button	Action	Factory settings
	Short press	Automtic / Fade off
T1	Long press	Dim up / Dim down
	Double click	SET (store new value for constant light control)

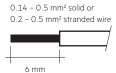
3.2 Wiring type and cross section for rc version

For wiring use stranded wire with ferrules or solid wire from 0.2 to 1.5 mm².



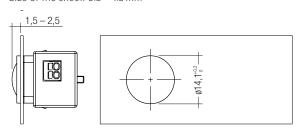
3.3 Wiring type and cross section for f version

For wiring use stranded wire with ferrules from 0.2 to 0.5 $\,\mathrm{mm^2}$ or solid wire from 0.14 to 0.5 $\,\mathrm{mm^2}.$

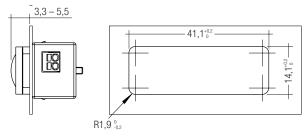


3.4 Mounting variants luminaire installation sensor:

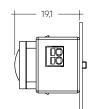
Variant 1: Size of the sheet: 0.8 – 1.8 mm

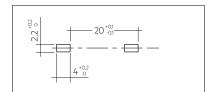


Variant 2: Size of the sheet: 0.8 – 3.0 mm



Variant 3: Size of the sheet: 0.6 – 0.8 mm



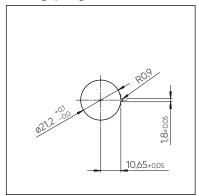


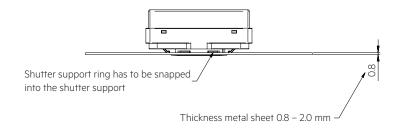
Subject to change without notice. Information provided without guarantee.

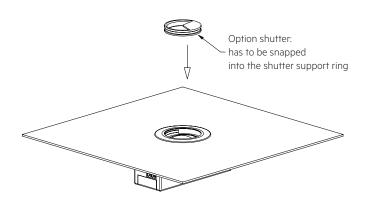
3.5 Mounting in luminaire housing with Mounting Kit:

Size of the sheet: 0.8 - 2.0 mmDimension drawing for needed

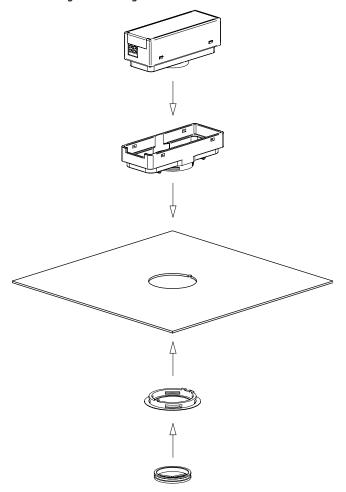
mounting opening





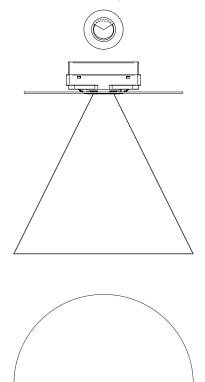


3.6 Mounting Kit mounting

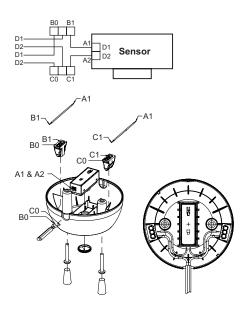


3.7 Mounting Kit Shutter

Area which is masked by the shutter.



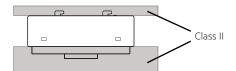
3.8 Wiring and mounting ACU Sensor Housing 14rs IP20



3.9 Mounting in class II luminaire

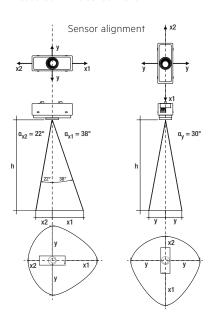
The Sensor provides basic insulation as required by IEC 62386-101 and defined in IEC 61347-1.

If the sensor is built in to a class II luminaire which has to provide double or reinforced insulation it has to be considered that the Sensor is not a class II device. Still the Sensor can be used for such projects as the front and the back of the sensor is tested to fulfill the class II requirements for double or reinforced insulation.



4. Light level recognition area

The measurement range is between 2 and 2,000 lx. Measured at the sensor head.



h *	x1	x2	У	d
1.7 m	1.3 m	0.7 m	1.0 m	3.0 m
2.0 m	1.6 m	0.8 m	1.2 m	3.6 m
2.3 m	1.8 m	0.9 m	1.3 m	4.1 m
2.5 m	2.0 m	1.0 m	1.4 m	4.5 m
2.7 m	2.1 m	1.1 m	1.6 m	4.9 m
3.0 m	2.3 m	1.2 m	1.7 m	5.4 m
3.5 m	2.7 m	1.4 m	2.0 m	6.3 m
4.0 m	3.1 m	1.6 m	2.3 m	7.2 m

 The recommended maximum room height for office applications is 3 m and for corridor applications for example 4 m. Up to 2 m mounting height presence is detected and over 2 m motion is detected.

Calculation of the diameter (light area):

 $x1 = tan(\alpha_{x1}) \times h$

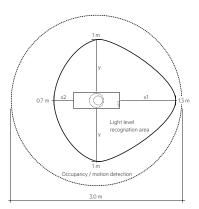
 $x2 = tan(\alpha_{x2}) \times h$

 $y = tan(\alpha_y) \times h$

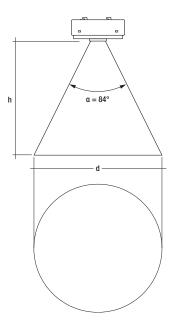
Calculation of the diameter (motion area):

 $d = 2 \times tan(0,5 \times \alpha) \times h$

Example for light and motion detection area at height of 1.7 m:



4.1 Presence / motion detection



4.2 Motion detection

For motion detection PIR technology is used. PIR Lens is made to detect moving people in working areas such as corridors, passages, garages, office buildings or educational institutions with the following performance criteria:

- Ceiling height from up to 5 m
- Movement of human body:
 - up to 2 m mounting height: detection of slight motion.
 - above 2 m mounting height: no slight motion (no sitting person)
- Movement \ge 1.0 m/s for mounting heights up to 5 m

4.3 Status LED's

The status LED is deactivated by default.

There is a LED built in to indicate different status information to the user. This LED is controlled from the sensor itself.



To not have any influence from LED to the light measurement, LED is disabled while light sensor is measuring by default.

Status	Pattern	Incident
-	-	Normal operation
Single red flash	0.2 s on. all 6 s	Motion has been detected
Permanent red flashing	0.2 s on. all 1 s	System error: - Second basicDIM ILD G2 available - Stuck button time out
Long green flashing	1 s on. all 6 s	Bright-out active
Orange flashing	0.5 s on. all 0.5 s	Start-up, Grouping, Test mode, Reset active application controller deactivated
Short blue flashing	0.2 s	Receive infrared command from basicDIM ILD G2 Programmer or IR6

4.4 User-definable parameters

power-up behavior (n) if the parameter is set to 'off'; the luminatine does not switch on after a mains broak. Absence level / 1000 by Columbia (000 50) by the light sensor to regulate the presence level of the lumination. The count of the count conditions and the installation height, the illuminance in the workspace may, however, be throse to four times higher. presence level 110 100 % (100 50) Brightness value that the ILD G2 occupies as soon as presence has been detected. absence level 110 100 % (100 50) Brightness value that the ILD G2 occupies while the switch-off delay is running. Period of time starting as soon as presence has been detected. Period of time starting as soon as presence is detected. During fade-in time, the luminous intensity fades to the presence-value. 10 to 15 Period of time during which the luminous intensity fades to the presence value. 10 to 15 Period of time during which the luminous intensity fades to the presence value. 10 to 15 Period of time during which the luminous intensity fades from the presence value to the absence value. 10 to 15 Period of time during which the luminous intensity fades from the presence value to the absence value. 10 to 15 Period of time during which the luminous intensity fades from the presence value to the absence value. 10 to 15 Time that begins to run from the last amoment that presence was detected. After the run-on time the fade-off time is started. 10 to 15 Sto 60 min / never OFF Time in which is 15 Time 15	Parameter	Range (Factory Settings)	Description	
Absence level / 1000 lux Value used by the light sensor to require the presence level of the furnishare (500 lux) Value used by the light sensor to require the presence level of the furnishare (500 lux) Novewer, be three to four times higher. Presence level 110 100 % (100 %) Brightness value that the ILD G2 occupies as soon as presence has been detected. 110 100 % (130) Brightness value that the ILD G2 occupies while the switch-off delay is running. Period of time starting as soon as presence is detected. On 10 15 During fade in time. the luminous intensity fades to the presence value.	nowor-up hohavior	on / off	If the parameter is set to "on", the luminaire switches on after a mains break.	
Presence Law level (SOO Lux) Absence level (100 %) (100 %) Brightness value that the ILD G2 occupies as soon as presence has been detected. (100 %) Brightness value that the ILD G2 occupies while the swirtch-off delay is running. Period of time starting as soon as presence has been detected. (100 %) Brightness value that the ILD G2 occupies while the swirtch-off delay is running. Period of time starting as soon as presence is detected. During fade-in time. the luminous intensity fades to the presence value. 100 12 - 32 13 + 31 + 31 + 2 15 - 28 16 - 4 17 - 57 18 - 8 19 - 113 10 - 16 11 - 226 12 - 32 13 - 31 + 31 + 4 - 24 15 - 28 16 - 4 17 - 57 18 - 8 19 - 113 10 - 16 11 - 226 12 - 32 13 - 31 + 31 + 31 + 2 15 - 28 16 - 4 17 - 57 18 - 8 19 - 113 10 - 16 11 - 226 12 - 32 13 - 31 + 31 + 31 + 31 + 31 + 31 + 31 +	power-up benavior	(on)	If the parameter is set to "off", the luminaire does not switch on after a mains break.	
Presence lux level CSOO Lux)		Absorbed level /1000 leve	Value used by the light sensor to regulate the presence level of the luminaire.	
presence level 11o 100 % (100 %) Brightness value that the ILD G2 occupies as soon as presence has been detected. ### Brightness value that the ILD G2 occupies while the switch-off delay is running. ### Period of time starting as soon as presence is detected. ### During fade-in time, the luminous intensity fades to the presence value. ### 10 10 15	Presence lux level		On account of the room conditions and the installation height, the illuminance in the workspace may,	
presence level 100 % 100 % 100 % 200 Brightness value that the ILD G2 occupies as soon as presence has been detected. 10 100 % (1%) Period of time starting as soon as presence is detected.		(500 lux)	however, be three to four times higher.	
Agripheres value that the ILD G2 occupies while the switch-off delay is running. Period of time starting as soon as presence is detected. 10 to 15 10 107 5 2 - 15 3 - 14 - 14 - 2 5 2 - 28 + 16 - 4 + 17 - 57 + 18 - 8 + 19 - 113 + 10 - 16 + 11 + 226 + 1 12 - 32 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	presence level		Brightness value that the ILD G2 occupies as soon as presence has been detected.	
Fade-in time O to 15 During fade-in time, the luminous intensity fades to the presence value. 1 - 07 s [2 = 1s] 3 = 14 s [4 = 2 s] 5 = 28 s] 6 = 4 s [7 = 57 s] 8 = 8 s] 9 = 113 s [10 = 16 s] 11 = 226 s] 12 - 35 s [13 = 45 s] 14 - 46 s] 15 - 905 s Feriod of time during which the luminous intensity fades from the presence value to the absence value. 1 a - 07 s [2 = 1s] 3 = 14 s [4 = 2 s] 5 = 28 s] 6 = 4 s [7 = 57 s] 8 = 8 s] 9 = 113 s [10 = 16 s] 11 = 226 s] 12 - 25 s [13 = 45 s] 14 - 46 s] 15 - 905 s Time that begins to run from the luminous intensity fades from the presence value to the absence value. 1 a - 07 s [2 = 1s] 3 = 14 s [4 = 2 s] 5 = 28 s] 6 = 4 s [7 = 57 s] 8 = 8 s] 9 = 113 s [10 = 16 s] 11 = 226 s] 12 - 35 s [13 = 45 s] 14 + 64 s] 15 - 905 s Time that begins to run from the last moment that presence was detected. After the run- on time the fade-off time is started. If another presence is detected in the room during run-on time, the run-on time is started again. Switch-off delay off /15 s to 60 min / never OFF. Time that begins to run from the last moment that presence was detected. After the run-on time the fade-off time is started. If another presence is detected in the room during run-on time, the run-on time is started again. After expiration, the luminaire is either switched off or the absence value is held (never OFF). After expiration, the luminaire is either switched off or the absence value is held (never OFF). After expiration, the luminaire is either switched off or the absence value is held (never OFF). After expiration, the luminaire is either switched off or the absence value is held (never OFF). After expiration, the luminaire is either switched off or the absence value is held (never OFF). After expiration, the luminaire is either switched off or the absence value is held (never OFF). After expiration, the luminaire is either switched off or the absence value is held (never OFF). After expiration the same dimming level of ron in in the luminaire switched off or th	absence level		Brightness value that the ILD G2 occupies while the switch-off delay is running.	
fade-in time (f)			Period of time starting as soon as presence is detected.	
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Period of time during which the luminous intensity fades from the presence value to the absence value. 1	lade III IIIIle	(1)	1 = 0.7 s 2 = 1 s 3 = 1.4 s 4 = 2 s 5 = 2.8 s 6 = 4 s 7 = 5.7 s 8 = 8 s 9 = 11.3 s 10 = 16 s 11 = 22.6 s	
fade time (8) 1 - 0.7 s 2 - 1 s 3 - 1.4 s 4 - 2 s 5 - 2.8 s 6 - 4 s 7 - 5.7 s 8 - 8 s 9 - 113 s 10 = 16 s 11 = 22.6 s 12 - 32 s 13 - 4.5 s 14 - 6.4 s 15 - 9.05 s Time that begins to run from the last moment that presence was detected. After the run-on time that begins to run from the last moment that presence was detected. After the run-on time the fade-off time is started. If another presence is detected in the room during run-on time, the run-on time is started again. switch-off delay Off / 15 s to 6.0 min / never OFF. Time in which the absence value is held. (off) After expiration, the luminaire is either switched off or the absence value is held (never OFF). Period of time starting after the run-on time. During the fade-off time, the luminous intensity fades to off. 1 - 0.7 s 2 - 1 s 3 - 1.4 s 4 - 2 s 5 - 2.8 s 6 - 4 s 7 - 5.7 s 8 - 8 s 9 - 11.3 s 10 - 10 s 11 - 22.6 s 12 - 32 s 13 - 4.5 s 4 - 2 s 5 - 2.8 s 6 - 4 s 7 - 5.7 s 8 - 8 s 9 - 11.3 s 10 - 10 s 11 - 22.6 s 12 - 32 s 13 - 4.5 s 4 - 6 s 15 - 90.5 s constant light control on / off			12 = 32 s 13 = 45.3 s 14 = 64 s 15 = 90.5 s	
1 - 07 s 2 - 1 s 3 - 14 s 4 - 2 s 5 - 28 s 6 - 4 s 7 - 57 s 8 - 8 s 9 - 113 s 10 - 16 s 11 - 226 s	fade time	0 to 15	Period of time during which the luminous intensity fades from the presence value to the absence value.	
Tun-on time 15 s to 60 min (20 min) off / 15 s to 60 min (20 min) witch-off delay off / 15 s to 60 min / never OFF Time in which the absence value is held. (framother presence is detected in the room during run-on time, the run-on time is started again. witch-off delay off / 15 s to 60 min / never OFF Time in which the absence value is held. After expiration, the luminaire is either switched off or the absence value is held (never OFF). Period of time starting after the run-on time. During the fade-off time, the luminous intensity fades to off. 1 = 0.7 s 2 = 1 s 3 = 1.4 s 4 = 2.5 5 = 2.8 s 6 = 4.5 7 = 5.7 s 8 = 8 s 9 = 11.3 s 10 = 16 s 11 = 22.6 s 12 = 3.2 s 1.3 = 4.5 s 4 = 2.5 5 = 2.8 s 6 = 4.5 7 = 5.7 s 8 = 8.5 9 = 11.3 s 10 = 16 s 11 = 22.6 s 12 = 3.2 s 1.3 = 4.5 s 4 = 2.5 5 = 2.8 s 6 = 4.5 7 = 5.7 s 8 = 8.5 9 = 11.3 s 10 = 16 s 11 = 22.6 s 12 = 3.2 s 1.3 = 4.5 s 4 = 2.5 5 = 2.8 s 6 = 4.5 7 = 5.7 s 8 = 8.5 9 = 11.3 s 10 = 16 s 11 = 22.6 s 12 = 3.2 s 1.3 = 4.5 s 4 = 2.5 5 = 2.8 s 6 = 4.5 7 = 5.7 s 8 = 8.5 9 = 11.3 s 10 = 16 s 11 = 22.6 s 12 = 3.2 s 1.3 = 4.5 s 1			1 = 0.7 s 2 = 1 s 3 = 1.4 s 4 = 2 s 5 = 2.8 s 6 = 4 s 7 = 5.7 s 8 = 8 s 9 = 11.3 s 10 = 16 s 11 = 22.6 s	
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switch-off delay off /15 s to 60 min / never OFF Time in which the absence value is held. (off) After expiration, the luminaire is either switched off or the absence value is held (never OFF). Period of time starting after the run-on time. During the fade-off time, the luminous intensity fades to off. 1 = 0.7 s 2 = 1 s 3 = 1.4 s 4 = 2.8 5 = 2.8 s 6 = 4 s 7 = 5.7 s 8 = 8 s 9 = 11.3 s 10 = 16 s 11 = 22.6 s 12 = 3.2 s 1.3 = 4.5 3 s 1.4 = 6.4 s 1.5 = 90.5 s constant light control on / off (on) If the parameter is set to "on", the luminaire switches off as soon as the light level exceeds the bright-out threshold of the set point for longer than 10 minutes. This could be the case if, for instance, the room is adequately illuminated by sunlight. If the bright-out threshold shed by the bright-out function bright-out-off delay time O to 3.600 s (500 s) Period of time that the light level must exceed the bright-out threshold to activate bright-out. This parameter is set to "converging", the dimming level of group 2 will keep on rising even if group 1 has already reached a dimming level of 100 %, which effectively reduces the point where both group 1 and group 2 creach the same dimming level of 100 % which effectively reduces the group 2 will stay at the value defined for the group 2 offset value. If the group 2 offset value was set to e.g. 30 %, the group 2 diffset value is set to "tonverging" level of 100 %. The brightness difference between group 1 has already reached a dimming level of 100 %. The brightness difference between group 1 and group 2 will stay at the value defined for the group 2 offset value. If the group 2 offset value was set to e.g. 30 %, the group 2 diffset value is set to "fixed", the offset is "fixed". The brightness difference between group 1 has admining level of 100 %, the dimmining level of 100 % brightness difference between group 1 has reached a dimmining level of 100 %, the dimmining level of 100 % brightness difference between group 1 has reached a			After the run-on time the fade-off time is started.	
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Period of time that the light level must exceed the bright-out threshold to activate bright-out. This parameter specifies how the group 2 offset value behaves if the light is dimmed up. If the parameter is set to "converging", the dimming level of group 2 will keep on rising even if group 1 has already reached a dimming level of 100 %. The brightness difference will be gradually reduced up to the point where both group 1 and group 2 reach the same dimming level of 100 % which effectively reduces the group 2 offset value to zero. This way, the offset will "converge". If the parameter is set to "fixed", the offset is "fixed". The brightness difference between group 1 and group 2 will stay at the value defined for the group 2 offset value. If the group 2 offset value was set to e.g. 30 %, the group 2 dimming level will always stay 30 % below the dimming level of group 1. If group 1 has reached a dimming level of 100 %, the dimming level of group 2 will stop rising because otherwise the offset would be reduced to less than the defined group 2 offset value. O to 95 % Adjustable brightness difference between group 2 and group 1		(150 %)		
This parameter specifies how the group 2 offset value behaves if the light is dimmed up. If the parameter is set to "converging", the dimming level of group 2 will keep on rising even if group 1 has already reached a dimming level of 100 %. The brightness difference will be gradually reduced up to the point where both group 1 and group 2 reach the same dimming level of 100 % which effectively reduces the group 2 offset walue to zero. This way, the offset will "converge". If the parameter is set to "fixed", the offset is "fixed". The brightness difference between group 1 and group 2 will stay at the value defined for the group 2 offset value. If the group 2 offset value was set to e.g. 30 %, the group 2 dimming level of group 1 will stay at level of group 2 will stop rising because otherwise the offset would be reduced to less than the defined group 2 offset value. O to 95 % Adjustable brightness difference between group 2 and group 1	bright-out-off delay time	0 to 3,600 s		
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If the parameter is set to "converging", the dimming level of group 2 will keep on rising even if group 1 has already reached a dimming level of 100 %. The brightness difference will be gradually reduced up to the point where both group 1 and group 2 reach the same dimming level of 100 % which effectively reduces the group 2 offset value to zero. This way, the offset will "converge". If the parameter is set to "fixed", the offset is "fixed". The brightness difference between group 1 and group 2 will stay at the value defined for the group 2 offset value. If the group 2 offset value was set to e.g. 30 %, the group 2 dimming level will always stay 30 % below the dimming level of group 1. If group 1 has reached a dimming level of 100 %, the dimming level of group 2 will stop rising because otherwise the offset would be reduced to less than the defined group 2 offset value. O to 95 % Adjustable brightness difference between group 2 and group 1	group 2 offset mode		This parameter specifies how the group 2 offset value behaves if the light is dimmed up.	
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0 to 95 % Adjustable brightness difference between group 2 and group 1				
group 2 offset value Adjustable brightness difference between group 2 and group 1		0 to 95 %	<u> </u>	
	group 2 offset value	(30 %)	Adjustable brightness difference between group 2 and group 1	

4.5 Possible push button configuration

Short	Long	Double
Press	Press	Press
Automatic mode	Dimming up	Set target value
Recall max. level	Dimming down	No function
Off	Dimming up / dimming down	
Recall max. level / off	No function	
On with fade		
Off with fade		
Automatic mode / off with fade		
No function		

5. Miscellaneous

5.1 Disposal of equipment



Return old devices in accordance with the WEEE directive to suitable recycling facilities.

5.2 Additional information

Additional technical information at <u>www.tridonic.com</u> \rightarrow Technical Data

Guarantee conditions at www.tridonic.com \rightarrow Services

Lifetime declarations are informative and represent no warranty claim. No warranty if device was opened.