

DATA SHEET

PD-FLAT 360i/8 ROUND BLACK DALI

Order description

PD-FLAT 360i/8 RB DALI

Item number

EP10427916

GTIN

4015120427916



Product description

- DALI design presence detector with excellent sensing capabilities, at least 8 m in diameter.
- Low profile design with plastic design covers: round, black - variably interchangeable (alternatively: square, glass, white)

Technical data

GENERAL	
Conformity	CE, RoHS, WEEE
warranty	5-year
MOUNTING	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth 24 mm, Ø 60 mm
HOUSING	
Dimensions	Height/Depth 6 mm, Ø 94 mm
Weight	73 g
Housing material	UV-stabilised polycarbonate
Protection type	IP 20
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	black, similar to RAL 9004
Terminal	2,5 mm ² / 1,5 mm ²
ELECTRICAL VERSION	
Protection class	III
Nominal voltage	9,5 - 22,5 V
SENSORS	
Power consumption	0,3 W
Power consumption	12 mA
Detection angle	360°
Detection range diagonally	8 m

Detection range head-on	6 m
Presence detection range	4 m
Field of detection	50 m ²
Range adjustment	mechanically with internal lens cover
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	3 - 1000 lx
Number of light channels	1
Number of switching contacts	0
Slave input	yes, via DALI
Fully automatic	yes
Semi-automatic	yes
constant lighting control	true
Switching delay from "dark to light" [s]	300 s
Switching delay from "light to dark" [s]	30 s

CONTROL	
Channel 1	Lighting
Interface	Switching/Dimming
Contact	Bus system
Switch-off delay channel 1	60 s - 240 min
Orientation light	10 % to 50 % luminous efficiency
Switch-off delay time, orientation light	disabled/approx. 1 minute – 240 minutes
Orientation light	10 % to 50 % luminous efficiency
Switch-off delay time, orientation light	disabled/approx. 1 minute – 240 minutes
Bus voltage	9.5–22.5 V DC
Master/slave function	true

DATA SHEET

PD-FLAT 360i/8 ROUND BLACK DALI

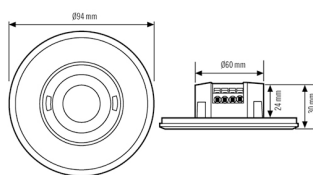
Order description	Item number	GTIN
PD-FLAT 360i/8 RB DALI	EP10427916	4015120427916
constant lighting control	true	
Manual override	yes, via IR	

DALI output 1	DALI bus / Broadcast
---------------	----------------------

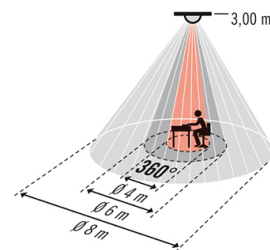
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Mobil-PDi/Dali	EP10425899	4015120425899
Basket guard 165/70	EM10425615	4015120425615
Basket guard 180/90	EM10425608	4015120425608
CU PS DALI	EC10430008	4015120430008
Recessed ceiling mounting kit for FLAT series	EP10426889	4015120426889
SW DALI Full Automation	EP10427473	4015120427473
SW DALI Semi Automation	EP10427480	4015120427480
Cover FLAT series SQUARE BLACK cover	EP00007286	4015120007286
Cover FLAT series GLASS ROUND BLACK cover	EP00007293	4015120007293
Cover FLAT series GLASS SQUARE BLACK cover	EP00007309	4015120007309
Cover LARGE FLAT series ROUND WHITE	EP10428579	4015120428579
Cover LARGE FLAT series ROUND BLACK	EP10428098	4015120428098

Scale drawing



Field of detection



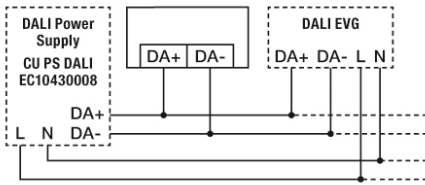
- Operating area approx. \varnothing 4 m
- Head-on to detector approx. \varnothing 6 m
- Passage area / diagonally to detector approx. \varnothing 8 m

DATA SHEET

PD-FLAT 360i/8 ROUND BLACK DALI

Order description	Item number	GTIN
PD-FLAT 360i/8 RB DALI	EP10427916	4015120427916

Circuit diagram



Standard operation

Energy Conservation Solutions Pty Ltd
Exclusive Distributor for **ESYLUX** in Australia Locations:
VIC/TAS, NSW, QLD, ACT, SA/NT & WA
Phone: **1300 306 136**
For contact details visit: www.ecs.net.au