

ELSA-2 DL 68 OP 100° 500 840 WH

Item number **GTIN**
 E010298974 4015120298974

110 V - 230 V ~	IP40	CQS 80-85	CRI 80	LED 4000 K
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Product description

- LED downlight, 4000K with opal cover (diffuser), 5W, for ceiling mounting without additional accessories
- High light quality and system performance
- Operating device on/off, included



Technical data

GENERAL	
Device category	Downlight
Remote controllable	–
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 60 mm, Ø 68 mm
Connectable wire cross section	0.75 mm ²
HOUSING	
Dimensions	Height/Depth 45 mm, Ø 98 mm
Weight	200 g
Material	powder-coated aluminium
Protection type	IP20 / IP44 below the ceiling (built-in)
Permissible ambient temperature	-20 °C...+40 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9003
Glow wire test in accordance with IEC 60695-2-10	650 °C
ELECTRICAL VERSION	
Control system	ON/OFF
Protection class	II
Nominal voltage	220 - 240 V ~ / 50 - 60 Hz

In-rush current	1.9 A / 104 µs
Leakage current	0.009 mA

LIGHT	
Diffuser	opal
Light emission	direct
Beam angle	100 °
Unified Glare Rating	≤ 30
Flicker factor	0 %
Rated output P	6.5 W
Luminous flux	475 lm
Luminous efficacy	73 lm/W
Colour temperature	4000 K
Colour rendering index Ra	> 80
Colour tolerance	2 SDCM
Color Quality Scale	>80
L70B10 lifetime at 25 °C	60000 h
Lebensdauer L70B50 bei 25 °C	60000 h
Lebensdauer L80B10 bei 25 °C	40000 h
Life time L80B50 at 25 °C	40000 h
Lebensdauer L90B10 bei 25 °C	20000 h
Life time L90B50 at 25 °C	20000 h
Photobiological safety	RG0

SENSORS	
CHANNELS (LIGHTING / HVAC)	

DATA SHEET

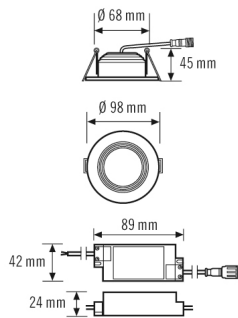
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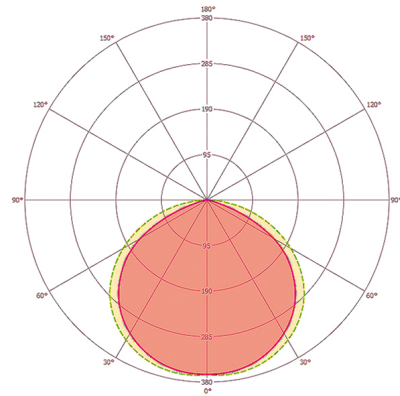
Accessories

Product designation	Item number	Product description	GTIN
Adapter			
ELSA-2 RING 65	E010300288	Adapter ring 65–105 mm for ELSA-2 series	4015120300288
Electrical accessories			
JUNCTION BOX 5-POLE BK	E010430947	Universal junction box, black, 5-pin, 2.5 mm ²	4015120430947

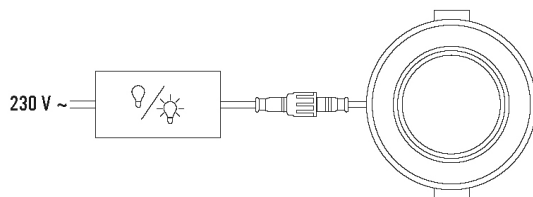
Dimension drawing



Light distribution

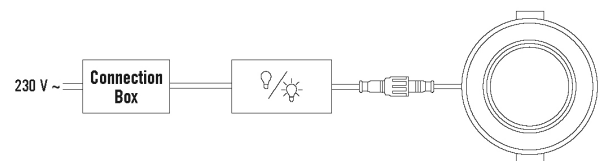


Circuit diagram



Standard operation

Circuit diagram



Standard operation CB