

## ELSA-2 DL 225 OP 110° 1800 840 DALI WH

**Item number**      **GTIN**  
 EO10298950      4015120298950

<b>DALI</b>	<b>220 - 240 V</b> ~/-	<b>LED</b> <b>4000 K</b>	<b>CRI</b> <b>82</b>	<b>Phi</b> <b>1800 lm</b>	<b>94 lm/W</b>	<b>UGR</b> <b>≤ 25</b>
						



### Product description

- LED downlight, 4000K with opal cover (diffuser), 18W, for ceiling mounting without additional accessories
- High light quality and system performance
- Operating device DALI with SwitchDIM, included

### Offers special product features like:

- SwitchDIM function

### Technical data

#### GENERAL

Device category	Downlight
Product information	Do not cover the downlight directly with insulating material.
User interface	DALI-Bus
Remote controllable	-
Conformity	CE, EAC, RoHS, WEEE
Product-specific information	Meets DALI-2 standard
Warranty	5 years

#### ATTACHMENT

Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 50 mm, Ø 225 mm
Type of connection	Open end
Connectable wire cross section	0.75 - 2.5 mm <sup>2</sup>
Number of contacts	5
Length of cable	0.18 m

#### HOUSING

Dimensions	Height 25 mm, Ø 240 mm
Weight	963 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	DALI
Protection class	II
Nominal voltage	220 - 240 V AC/DC / 50 - 60 Hz
In-rush current	9.1 A / 98 µs
Leakage current	0.009 mA

#### LIGHT

Diffuser	opal
Light emission	direct
Beam angle	110 °
Unified Glare Rating	≤ 25
Flicker factor	0 %
Rated output P	19 W
Luminous flux - min	1800 lm
Luminous flux - max	1800 lm
Luminous efficacy - min	94 lm/w
Luminous efficacy - max	94 lm/w
Colour temperature	4000 K
Colour rendering index Ra	> 80
Colour tolerance	1SDCM
Color Quality Scale	>80
L70B10 lifetime at 25°C	60000 h
Life time L70B50 at 25 °C	60000 h
Life time L80B10 at 25 °C	40000 h
Life time L80B50 at 25 °C *	40000 h
Life time L90B10 at 25 °C	20000 h
Life time L90B50 at 25 °C	20000 h
Photobiological safety	RG0

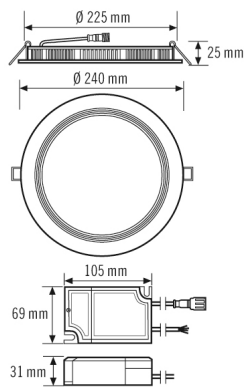
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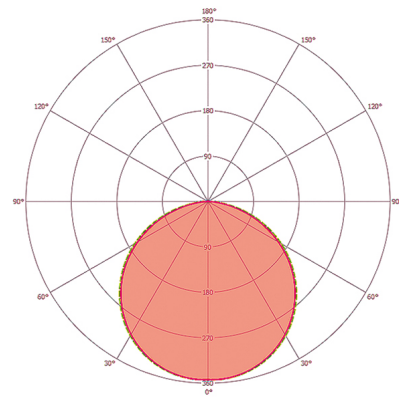
### Accessories

Product designation	Item number	Product description	GTIN
<b>Adapter</b>			
ELSA-2 RING 225	EO10300264	Adapter ring 225-265 mm for ELSA-2 series	4015120300264
<b>Electrical accessories</b>			
JUNCTION BOX 5-POLE BK	EO10430992	Universal junction box, black, 5-pin, 2.5 mm <sup>2</sup>	4015120430992
<b>Mounting</b>			
ELSA-2 MOUNTING FRAME 225 SM WH	EO10300899	Ceiling installation frame for ELSA-2 225 series	4015120300899

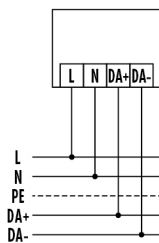
### Dimension drawing



### Lichtverteilung



### Circuit diagram



Standard operation.

### Detailed product description

- LED downlight, 18 W for ceiling mounting
- Recessed luminaire with opal cover (diffuser)
- High-quality housing, aluminium lamp body, white powder-coated (RAL 9003)
- Can be used for ceiling mounting without additional accessories
- Colour temperature: 4000 K with the lowest colour tolerances
- Luminous flux: 1750 lm

## ELSA-2 DL 225 OP 110° 1800 840 DALI WH

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- High light quality
- Excellent system efficiency
- Life time L80B50 at 25 °C \*: 40000 h
- Operating device: DALI SwitchDIM (already included in delivery)