GreenSpace Evo Mini Fixed

RS320B 12S/PW930 PSU-E HMB FG WH

GreenSpace Evo Mini Fixed, Recessed accent, 3D printed, 8.6 W, D79 mm, 1230 lm, PremiumWhite, 3000 K, CRI>90, High-reflective metal reflector Medium beam 20 to 40 degrees, White, IP20/54

Recessed accent, D79 mm, Polycarbonate, White, Recessed, Power supply unit external, 1230 lm, 8.6 W, 121 lm/W, PremiumWhite, 3000 K, (0.422, 0.386) SDCM <2, CRI>90, High-reflective metal reflector Medium beam 20 to 40 degrees, Clear, Glass, IP20/54 | Finger-protected; dust accumulation-protected, splash-proof, IK02 | 0.2 J standard, Safety class II, Push-in connector and pull relief

Warnings and Safety

- Cleaning of the optic should only be done with pressurized air. Touching the LED or reflector is forbidden. For food preparation areas and areas with high levels of dust, the use of the optional front glass is strongly advised, as it can be cleaned with a (dry) microfiber cloth
- During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Value ladder	Performance

Warranty period	5 years

Light Technical	
Luminous Flux	1,230 lm
Saturated Red (R9)	50
Correlated Color Temperature (Nom)	3000 K

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Luminous Efficacy (rated) (Nom)	121 lm/W
Color rendering index (CRI)	>90
Light source color	PremiumWhite with CRI ≥90 and color temperature 3000K
Optic type	High-reflective metal reflector Medium beam 20 to 40 degrees
Luminaire light beam spread	29°
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	14 A
Inrush time	0.13 ms
Power Consumption	8.6 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	65
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Aluminum
Optic material	Aluminum
Optical cover material	Glass
Fixation material	-
Housing Color	White
Optical cover finish	Clear
Overall height	79 mm
Overall diameter	90 mm
Nominal Ceiling cut-out diameter	79 mm
Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Mounting	Recessed
Net Weight (Piece)	0.400 kg

Emergency Operation

Central Emergency	No

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.422, 0.386) SDCM <2
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Sustainability Data

Sustainability rating	Signify Circle
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	RS320B 12S/PW930 PSU-E HMB FG WH
Full product name	RS320B 12S/PW930 PSU-E HMB FG WH
Full product code	872016958986500
Order code	58986500
Material Nr. (12NC)	910505102989
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169589865
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169589865
Product family code	RS320B [GreenSpace Evo Mini Fixed]

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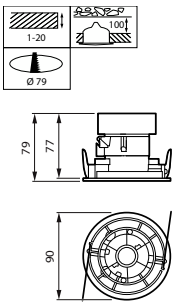
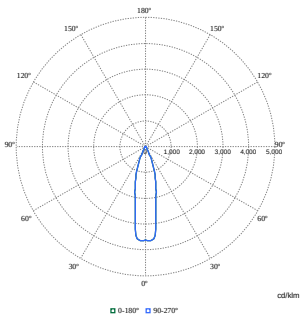
Dimensional drawing



Photometric data



Polar Normal (separate) - RS320BI - 910505102989

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