PHILIPS

RS772B 27S/ROSE PSU-E HWB FG WH

910505101607

LuxSpace Accent Compact Elbow, Recessed, 31 W, D125 mm, 2900 lm, Rosé, 2200 K, High-reflective metal reflector Wide beam 40 to 80 degrees, PerfectAccent High-Efficacy reflector, White, IP20

Recessed, D125 mm, Aluminum, White, Signal white (RAL9003), Recessed, Power supply unit external (On/Off), 2900 lm, 31 W, 93 lm/W, Rosé, 2200 K, (0.478,0.382)<2, High-reflective metal reflector Wide beam 40 to 80 degrees, PerfectAccent High-Efficacy reflector, Clear, Tempered glass, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class II, 2 Push-in connector 2-pole

Warnings and Safety

- All photometrical data is calculated without optional front glass. Flux should be reduced by 3.5% when using a front glass
- 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

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years

Light Technical

Luminous Flux	2,900 lm
Correlated Color Temperature (Nom)	2200 K
Luminous Efficacy (rated) (Nom)	93 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	Rosé
Optic type	High-reflective metal reflector Wide beam 40 to 80 degrees
Luminaire light beam spread	36°
Unified glare rating CEN	22

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	11.1 A
Inrush time	250 ms
Power Consumption	31 W
Power Factor (Fraction)	0.9
Connection	2 Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	49
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Aluminum
Optic material	Aluminum
Optical cover material	Tempered glass
Fixation material	-
Housing Color	White
Optical cover finish	Clear
Reflector Finish	PerfectAccent High-Efficacy reflector
Overall length	0 mm
Overall width	0 mm
Overall height	110 mm
Overall diameter	134 mm
Dimensions (Height x Width x Depth)	110 x 0 x 0 mm
Nominal Ceiling cut-out diameter	125 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Mounting	Recessed
Net Weight (Piece)	1.000 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1

Stroboscopic effect visibility measure (SVM)	0.5
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.478,0.382)<2
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	10 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

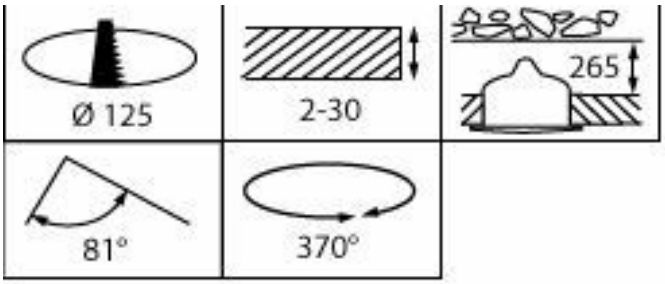
Sustainability Data

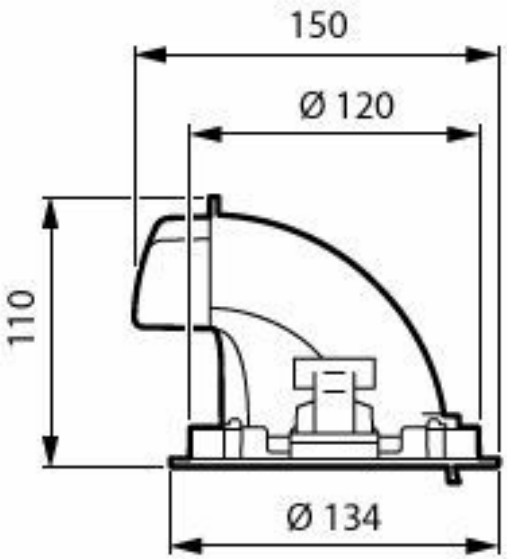
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Embedded carbon (A1-A3)	6.22 kg CO_2e
Product non-virgin material ratio	8.31 %
Recyclable content ratio of the finished product	12.5 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

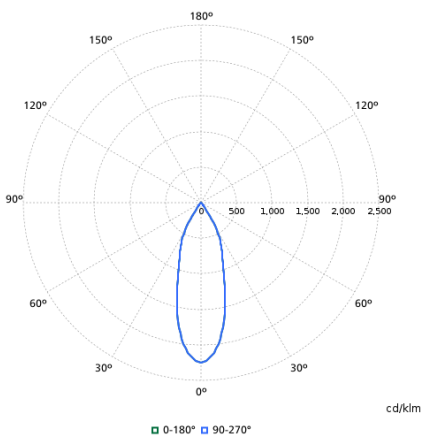
Order product name	RS772B 27S/ROSE PSU-E HWB FG WH
Full product name	RS772B 27S/ROSE PSU-E HWB FG WH
Full product code	871869997921800
Order code	97921800
Material Nr. (12NC)	910505101607
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699979218
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699979218
Product family code	RS772B [LUXSPACE ACCENT COMPACT ELBOW RPO]

Dimensional drawing





Polar normal diagrams



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	444316025911-583_Luxspace_Accent_RPO_elbow.pdf	Download

Photometry and lighting design	Document Name	Download
LDT File	LDT File - RS770BI - 910505101607.ldt	Download
ROLF File	ROLF File - RS770BI - 910505101607.rolfz	Download
ULD File	ULD File - RS770BI - 910505101607.uld	Download
Revit file	Revit file - RS770BI - 910505101607.zip	Download

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