



LuxSpace Accent

RS752B LED49S/827 PSE-E WB WH LIN

LuxSpace Accent Performance G3 - 827 warm white - Power supply unit external, DC compatible for central emergency lighting - Wide beam - Linear-lens array oval shape - Push-in connector and pull relief - White

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, LuxSpace Accent is the ideal energy-efficient solution for today's demanding retail environments, covering a wide variety of lighting applications, including CrispWhite and PremiumWhite for fashion stores and Food recipes for supermarkets.

Product data

General Information			
Number of light sources	1 pc	Control interface	-
Beam angle of light source	120 °	Connection	Push-in connector and pull relief
Light source color	827 warm white	Cable	-
Light source replaceable	No	Protection class IEC	Safety class II
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 5 s
Driver/power unit/transformer	Power supply unit external, DC compatible for central emergency lighting	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	CE mark	CE mark
Optic type	Wide beam	ENEC mark	ENEC mark
Optical cover/lens type	Linear-lens array oval shape	UL mark	-
Luminaire light beam spread	30° x 60°	Warranty period	5 years

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Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	RS752B [LuxSpace Accent Performance G3]

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	23.5 A
Inrush time	0.272 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Aluminum
Reflector material	Aluminum
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Clear
Overall length	231 mm
Overall width	168 mm
Overall height	126 mm
Overall diameter	168 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
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Mech. impact protection code	IK02 [0.2 J standard]
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Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4700 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	116 lm/W
Init. Corr. Color Temperature	2700 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.46, 0.41) SDCM <3
Initial input power	40.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869916743100
Order product name	RS752B LED49S/827 PSE-E WB WH LIN
EAN/UPC - Product	8718699167431
Order code	910500459454
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910500459454
Net Weight (Piece)	1.325 kg

The technical drawing shows a mechanical part with a detailed cross-section view on the right and a table of material properties on the left.

Table of Material Properties:

	Ø 155
	5-30
	230
	230
	82°

Technical Drawing Dimensions:

- Top diameter: Ø 148
- Height: 124
- Bottom diameter: Ø 168
- Bottom width: 231

Technical drawing of a 90-degree elbow fitting. The drawing includes a side view and a top view. The side view shows a curved pipe with a 90-degree bend, a flange on the top, and a mounting bracket. Dimensions include an outer diameter of 168, a total width of 207, and a mounting height of 203. The top view shows a circular flange with a diameter of 155, a thickness of 5-30, and a mounting hole diameter of 230. The angle of the bend is 82 degrees.

[illegible]

RS752B 1xLED495/827 WB LIN

1 x 4700 lm

Cartesian intensity diagram

Beam Angle (°)	Intensity (lm/1000m) - 0-180°	Intensity (lm/1000m) - 90-270°
-60	0	0
-40	100	0
-20	1000	100
0	1800	1800
20	1000	100
40	100	0
60	0	0

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2017-03-08

RS752B 1xLED495/827 WB LIN

1 x 4700 lm

Polar intensity diagram

($d=1000$ mm) 0° L.O.R. = 1.00
 — 0-180° — 90-270°

data subject to change

