LuxSpace Accent

RS752B LED49S/930 PSED-VLC-E MB WH

LuxSpace Accent, 49.5 W, 4900 lm, 3000 K, DALI, Medium beam, 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 for fashion stores and Food recipes for supermarkets.

Product data

General Information

Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Product family code	RS752B [LuxSpace Accent Performance G3]
Lighting Technology	LED
Value ladder	Specification

CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	4,900 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	99 lm/W
Colour rendering index (CRI)	≥90
Beam angle of light source	120 degree(s)

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Light source colour	930 warm white
Optic type	Medium beam
Optical cover type	–
Luminaire light beam spread	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	5.3 A
Inrush time	0.7 ms
Power Consumption	49.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	–
Number of products on MCB of 16 A type B	30

Temperature

Ambient temperature range	+10 to +40 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-compatible, external
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Aluminium
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	–
Housing Colour	White
Optical cover/lens finish	Clear
Overall length	231 mm
Overall width	168 mm

Overall height	126 mm
Overall diameter	168 mm
Dimensions (height x width x depth)	126 x 168 x 231 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	–
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	RS752B LED49S/930 PSED-VLC-E MB WH
Full product name	RS752B LED49S/930 PSED-VLC-E MB WH
Full EOC	871869916736300
Order code	16736300
Material no. (12 NC)	910500459447
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699167363
Numerator – packs per outer box	1
EAN/UPC – Case	8718699167363

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Dimensional drawing

www.lighting.philips.com