LuxSpace Accent

RS741B LED17S/840 PSU-E WB WH

LuxSpace Accent Compact G3, LED module, system flux 1700 lm, 840 neutral white, Power supply unit external (On/Off), Wide beam, White RAL 9003

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

Lamp family code	LED17S [LED module, system flux 1700 lm]
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	RS741B [LuxSpace Accent Compact 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	1,800 lm

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Correlated Colour Temperature	4000 K		Optical cover/lens finish	Clear
Luminous efficacy (rated) (nom.)	125 lm/W		Overall height	125 mm
Colour rendering index (CRI)	≥80		Overall diameter	130 mm
Beam angle of light source	120 degree(s)			

Approval and Application

Light source colour	840 neutral white		Ingress protection code	IP20 [Finger-protected]
Optic type	Wide beam		Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Clear glass		Protection class IEC	Safety class II
Luminaire light beam spread	36°			
Unified Glare Rating (CEN)	Not applicable			

Initial Performance (IEC Compliant)

			Luminous flux tolerance	+/-10%
Operating and Electrical			Initial chromaticity	(0.382, 0.380) SDCM <3
Input Voltage	220 to 240 V		Power consumption tolerance	+/-10%
Line Frequency	50 to 60 Hz			
Initial CLO power consumption	– W			

Over Time Performance (IEC Compliant)

Average CLO power consumption	– W		Control gear failure rate at median useful life 50,000 h	5 %
Inrush current	7.7 A			
Inrush time	207 ms		Control gear failure rate at median useful life 100,000 h	5 %
Power Consumption	14.4 W			
Power Factor (Fraction)	0.9		Lumen maintenance at median useful life* 50,000 h	L80
Connection	Push-in connector and pull relief			
Cable	–			
Number of products on MCB of 16 A type B	84			

Application Conditions

Temperature			Performance ambient temperature Tq	25 °C
Ambient temperature range	0 to +35 °C		Maximum dim level	Not applicable
			Suitable for random switching	Yes

Controls and Dimming

Product Data

Dimmable	No		Order product name	RS741B LED17S/840 PSU-E WB WH
Driver/power unit/transformer	Power supply unit external (On/Off)		Full product name	RS741B LED17S/840 PSU-E WB WH
Control interface	–		Full EOC	871869685135700
Constant light output	No		Order code	85135700
			Material no. (12 NC)	910500457640

Mechanical and Housing

Housing material	Aluminium		SAP numerator – quantity per pack	1
Reflector material	Aluminium and polycarbonate		EAN/UPC — Product/Case	8718696851357
Optic material	Polycarbonate		Numerator – packs per outer box	1
Optical cover/lens material	Polycarbonate		EAN/UPC – Case	8718696851357
Fixation material	–			
Housing Colour	White RAL 9003			

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Dimensional drawing

www.lighting.philips.com

2023, April 29 – data subject to change