LuxSpace Accent Fresh Food

RS741B LED17S/CH PSU-E MB WH

LuxSpace Accent Fresh Food, 14.4 W, 1650 lm, 2700 K, Medium beam, White RAL 9003

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain high-quality lighting to catch the customer's eye, as well as flexibility in architectural integration. Food retailers generally want superior light sources that illuminate their fresh food counters in the freshest way possible, making food appealing while keeping the light ambiance attractive and welcoming. When a warm light ambiance is preferred, Fresh Food Champagne is the perfect LED solution to light fruit, vegetables, cheese, bread and pastries. Fresh Food Rose is a perfect warm-light solution for meat counters, enhancing the redness of meat but also slowing down the discoloration of sliced meat. When a brighter or more natural light ambiance is preferred, Fresh Food Authentic White is recommended for fruits, vegetables, cheeses, bread and pastries. Fresh Food Meat creates the best light setting for meat enhancement in a cooler ambiance.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
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.
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

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ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	1,650 lm
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	121 lm/W
Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source color	Champagne
Optic type	Medium beam
Optical cover type	Clear glass
Luminaire light beam spread	24°
Unified glare rating CEN	Not applicable

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	7.7 A
Inrush time	207 ms
Power Consumption	14.4 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	–
Number of products on MCB of 16 A type B	84

Temperature

Ambient temperature range	0 to +35 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	–
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate

Optical cover material	Polycarbonate
Fixation material	–
Housing Color	White RAL 9003
Optical cover finish	Clear
Overall height	126 mm
Overall diameter	130 mm

Approval and Application

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.458, 0.410) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data

Order product name	RS741B LED17S/CH PSU-E MB WH
Full product name	RS741B LED17S/CH PSU-E MB WH
Full product code	871869939936800
Order code	910500465315
Material Nr. (12NC)	910500465315
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699399368
Numerator – Packs per outer box	1
EAN/UPC – Case	8718699399368

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Dimensional drawing

Ø 120

2-30

265

359°

30°

125

Ø 117

Ø 130

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2023, October 9 – data subject to change