# **PHILIPS** Lighting



# LuxSpace Accent Fresh Food

# RS742B LED27S/CH PSU-E MB WH

# LuxSpace Accent Fresh Food, 22.5 W, 2600 lm, 2500 K, Medium beam, White

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	RS742B [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

# LuxSpace Accent Fresh Food

Beam angle of light source

Light source color

Optic type Optical cover type

ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,600 lm
Correlated Color Temperature (Nom)	2500 K
Luminous Efficacy (rated) (Nom)	116 lm/W
Color rendering index (CRI)	≥80

120 degree(s)

Champagne Medium beam

Clear glass

Housing Color	White
Optical cover finish	Clear
Overall length	179 mm
Overall width	134 mm
Overall height	109 mm
Overall diameter	134 mm
Dimensions (Height x Width x Depth)	109 x 134 x 179 mm

### Approval and Application

Fixation material

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

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Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
nitial chromaticity	(0.46, 0.39) SDCM <3
Power consumption tolerance	+/-10%

#### Over Time Performance (IEC Compliant)

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

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

#### Product Data

Flouder Data	
Order product name	RS742B LED27S/CH PSU-E MB WH
Full product name	RS742B LED27S/CH PSU-E MB WH
Full product code	871869939937500
Order code	910500465316
Material Nr. (12NC)	910500465316
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699399375
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699399375

Luminaire light beam spread	28°
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	14.5 A
Inrush time	0.22 ms
Power Consumption	22.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit DC compatible, external
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Polycarbonate aluminum coated

Polycarbonate

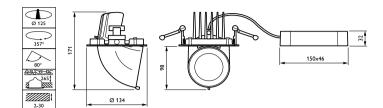
Polycarbonate

Optic material

Optical cover material

# LuxSpace Accent Fresh Food

## Dimensional drawing





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