



LuxSpace Accent Fresh Food

RS751B LED27S/FMT PSED-VLC-E WB WH LIN

LuxSpace Accent Fresh Food, 35 W, 2700 lm, 3000 K, DALI, Wide 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		
Lamp family code	LED26S [LED Module, system flux 2600 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		RS751B [LuxSpace Accent Performance G3]
Lighting Technology		LED
Value ladder		Specification
CE mark		Yes
Warranty period		5 years

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Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	2,700 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	77 lm/W
Colour rendering index (CRI)	≥85
Beam angle of light source	120 degree(s)
Light source colour	Fresh meat
Optic type	Wide beam
Optical cover type	Linear-lens array oval shape
Luminaire light beam spread	34°
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	20.4 A
Inrush time	195 ms
Power Consumption	35 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface; Visual Light Communication (VLC) ready (external)
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Aluminium and polycarbonate

Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	White RAL 9003
Optical cover/lens finish	Clear
Overall height	150 mm
Overall diameter	168 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	(0.406, 0.350) 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	No

Product Data

Order product name	RS751B LED27S/FMT PSED-VLC-E WB WH LIN
Full product name	RS751B LED27S/FMT PSED-VLC-E WB WH LIN
Full EOC	871869916709700
Order code	16709700
Material no. (12 NC)	910500459420
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699167097
Numerator – packs per outer box	1
EAN/UPC – Case	8718699167097

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Dimensional drawing

