StyliD Fresh Food

ST740T LED17S/CH PSE MB BK

STYLID COMPACT G3 TRACK, LED module, system flux 1700 lm, Champagne, Power supply unit, DC compatible for central emergency lighting, Medium beam, Black

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	LED17S [LED module, system flux 1700 lm]
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

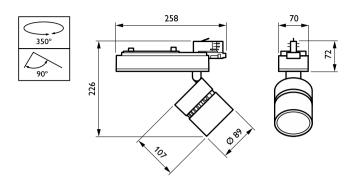|	
	B10. Therefore, the median useful life (B50) value also represents the B10 value.
Product family code	ST740T [STYLID COMPACT G3 TRACK]
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s

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EU RoHS compliant	Yes

Light Technical

Luminous Flux	1,700 lm
Correlated Color Temperature (Nom)	2500 K
Luminous Efficacy (rated) (Nom)	68 lm/W
Color rendering index (CRI)	≥90
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	Champagne
Optic type	Medium beam
Optical cover type	–
Luminaire light beam spread	24°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	14.5 A
Inrush time	0.22 ms
Power Consumption	25 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	–
Number of products on MCB of 16 A type B	32

Temperature

Ambient temperature range	+10 to +40 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit, DC compatible for central emergency lighting
Constant light output	No

Mechanical and Housing

Housing Material	Metal–Plastic
Reflector material	Silver
Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate

Fixation material	–
Housing Color	Black
Optical cover finish	Clear
Overall length	258 mm
Overall width	89 mm
Overall height	179 mm
Dimensions (Height x Width x Depth)	179 x 89 x 258 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	(0.45, 0.38) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Order product name	ST740T LED17S/CH PSE MB BK
Full product name	ST740T LED17S/CH PSE MB BK
Full product code	871869626355600
Order code	910500457086
Material Nr. (12NC)	910500457086
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718696263556
Numerator – Packs per outer box	1
EAN/UPC – Case	8718696263556

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Dimensional drawing