Fresh Food, pendant

PT570P LED27S/840 PSU WB DF GR

Fresh Food Pendant, LED Module, system flux 2700 lm, 840 neutral white, Power supply unit (On/Off), Wide beam, Grey

Retailers want to create an appealing ambiance and enhance the merchandize in their stores with the right light and beautifully designed products. They are also keen to reduce their running costs (energy, maintenance). By incorporating LED technology in a beautiful, pure design, the Fresh Food Pendant meets these expectations in full.

Product data

General Information	
Lamp family code	LED27S [LED Module, system flux 2700 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.
Service tag	Yes
Product family code	PT570P [Fresh Food Pendant]
Lighting Technology	LED
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces

CE mark	Yes
ENEC mark	-
Warranty period	5 years
EU RoHS compliant	No

Light Technical	
Luminous Flux	2,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	54°
Unified glare rating CEN	Not applicable

Operating and Electrical	
Input Voltage	220 to 240 V

Fresh Food, pendant

Line Frequency	50 to 60 Hz
Inrush current	14.5 A
Inrush time	0.22 ms
Power Consumption	26.5 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 2.5 m without plug
Number of products on MCB of 16 A type B	32

Temperature

Ambient temperature range	+10 to +25 °C

Controls and Dimming

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

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Aluminum
Optic material	Polycarbonate
Optical cover material	Polymethyl methacrylate
Fixation material	Steel
Housing Color	Grey
Optical cover finish	Clear
Overall height	246 mm
Overall diameter	400 mm

Approval and Application

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM <5
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

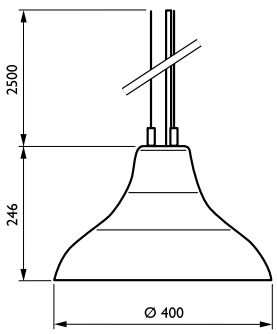
Application Conditions

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

Product Data

Order product name	PT570P LED27S/840 PSU WB DF GR
Full product name	PT570P LED27S/840 PSU WB DF GR
Full product code	871829193755500
Order code	910503706546
Material Nr. (12NC)	910503706546
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291937555
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291937555

Dimensional drawing



Fresh Food, pendant

© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.