PHILIPS

ST271T LED20/840 PSU-E NB 1C BK

919515810928



EcoAccent - Enhance the Retail Experience

EcoAccent is the LED solution for shop targeting energy savings. With a system efficacy of 95 lm/W in average, delivering more than 40% energy efficient compared to CDM solution. EcoAccent helps save energy and at the same time provides excellent lighting for retail environment thus enhancing the retail experience. The option of different light distribution for Accent light and varity of lumen packs and colour temperatures makes it an ideal solution for retail lighting.

Warnings and Safety

- To be used in Indoor Environment only

General Information

Driver included	Yes
Light source engine type	LED
Warranty period	3 years

Light Technical

Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	12 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 12 to 36°
Luminaire light beam spread	12°

Operating and Electrical

Input Voltage	240 V
Line Frequency	50 Hz
Power Consumption	22 W
Power Factor (Fraction)	0.9
Protection class IEC	Safety class II
Surge Protection (Common/ Differential)	2.5 kV kV

Controls and Dimming

Dimmable	No
Control interface	-

Mechanical and Housing

Housing Material	Aluminum Alloy
Optic material	Aluminum and polycarbonate
Optical cover material	Polycarbonate
Housing Color	Black
Mounting device	Mounting bracket adjustable
Overall width	163 mm
Overall height	225 mm
Overall diameter	85 mm
Material	Aluminum
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Aluminum and polycarbonate
Net Weight (Piece)	0.750 kg

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
Ambient temperature range	0 to +45 °C

Initial Performance (IEC Compliant)

Power consumption tolerance	+/-10%

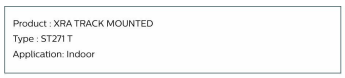
Over Time Performance (IEC Compliant)

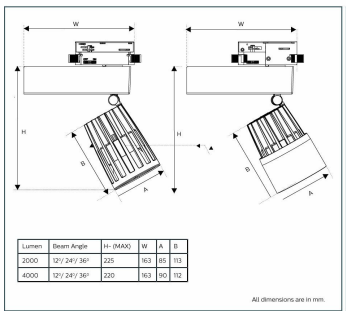
Median useful life L70B50	40,000 hour(s)

Product Data

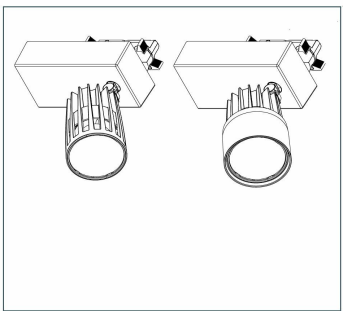
Order product name	ST271T LED20/840 PSU-E NB 1C BK
Full product name	ST271T LED20/840 PSU-E NB 1C BK
Order code	919515810928
Material Nr. (12NC)	919515810928
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing





Lumen	Beam Angle	H- (MAX)	W	A	B
2000	12°/ 24°/ 36°	225	163	85	113
4000	12°/ 24°/ 36°	220	163	90	112



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