PHILIPS Lighting



ST640T G2 LED27S/827 PSU MB WH

ProAir, Generation 2, LED Module, system flux 2700 lm, 827 warm white, Power supply unit (On/Off), Medium beam, White

Store designers want a spot that fits in with their store design. Visual merchandisers need the very best light quality and spots that are easily adjustable. And maintenance managers and green champions want to reduce energy consumption and maintenance costs. ProAir offers store designers a LED spot with an elegant and compact design that they can customize to suit their needs. It gives visual merchandisers great rendering of colors and whites and excellent color consistency, as well as well-defined, clean beams for maximum impact. All versions of ProAir offer low maintenance and energy consumption.

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.
Product family code	ST640T [ProAir]
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years

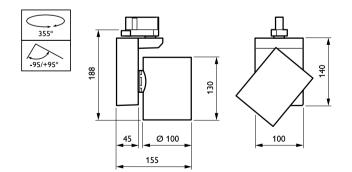
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,700 lm
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	113 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	827 warm white
Optic type	Medium beam

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Optical cover type	-	
Luminaire light beam spread	22°	
Lummare light beam spread	22	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	18 A	
Inrush time	0.250 ms	
Power Consumption	24 W	
Power Factor (Fraction)	0.9	
Connection	-	
Cable	-	
Number of products on MCB of 16 A type	34	
В		
Temperature		
Ambient temperature range	+10 to +40 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	
Constant light output	No	
Mechanical and Housing		
Housing Material	Aluminum	
Reflector material	Polycarbonate	
Optic material	Polycarbonate	
Optical cover material	Polymethyl methacrylate	
Fixation material	-	
Housing Color	White	
Optical cover finish	Clear	

Overall length	161 mm
Overall width	100 mm
Overall height	211 mm
Dimensions (Height x Width x Depth)	211 x 100 x 161 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	(0.46, 0.41) SDCM<3
Power consumption tolerance	+/-10%
Application Conditions	
Performance ambient temperature Tq	25 ℃
Suitable for random switching	Yes
Product Data	
Order product name	ST640T G2 LED27S/827 PSU MB WH
Full product name	ST640T G2 LED27S/827 PSU MB WH
Full product code	871869687762300
Order code	910500458480
Material Nr. (12NC)	910500458480
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696877623
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696877623

Dimensional drawing



ProAir



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