



ProAir

ST640T LED27S/930 PSD-VLC MB WH

ProAir, Generation 2, LED Module, system flux 2700 lm, 930 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		Flammability mark	
Lamp family code	LED27S [LED Module, system flux 2700 lm]	ENEC mark	For mounting on normally flammable surfaces
Light source replaceable	No	Glow-wire test	ENEC mark
Number of gear units	1 unit	EU RoHS compliant	Temperature 650 °C, duration 5 s
Driver included	Yes		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.	Light Technical	
Product family code	ST640T [ProAir]	Luminous Flux	2,700 lm
Lighting Technology	LED	Correlated Color Temperature (Nom)	3000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	105.88235294117646 lm/W
Warranty period	5 years	Color rendering index (CRI)	≥90
		Number of light sources	1
		Beam angle of light source	120 degree(s)
		Light source color	930 warm white
		Optic type	Medium beam
		Optical cover type	-

Luminaire light beam spread	22°
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Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	25.5 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B	24

Temperature	
Ambient temperature range	+10 to +40 °C

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	DALI
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	(0.43, 0.40) 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
Maximum dim level	1%
Suitable for random switching	Yes

Product Data	
Order product name	ST640T LED27S/930 PSD-VLC MB WH
Full product name	ST640T LED27S/930 PSD-VLC MB WH
Full product code	871869687764700
Order code	87764700
Material Nr. (12NC)	910500458485
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696877647
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696877647

Dimensional drawing



