



ProAir

ST640T LED27S/930 PSU MB BK

ProAir, Generation 2, LED Module, system flux 2700 lm, 930 warm white, Power supply unit (On/Off), Medium beam, Black

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)	3000 K
Luminous Efficacy (rated) (Nom)	105.88235294117646 lm/W
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	-

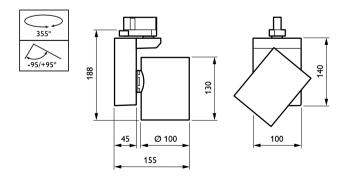
Datasheet, 2023, September 4 data subject to change

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Luminaire 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	25.5 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
D.: /	
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	Power supply unit (On/Off)
	Power supply unit (On/Off) - No
Control interface	-
Control interface	-
Control interface Constant light output	-
Control interface Constant light output Mechanical and Housing	- No
Control interface Constant light output Mechanical and Housing Housing Material	- No Aluminum
Control interface Constant light output Mechanical and Housing Housing Material Reflector material	No Aluminum Polycarbonate
Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material	Aluminum Polycarbonate Polycarbonate
Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	Aluminum Polycarbonate Polycarbonate
Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	Aluminum Polycarbonate Polycarbonate Polymethyl methacrylate -
Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	Aluminum Polycarbonate Polycarbonate Polymethyl methacrylate - Black
Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Optical cover finish	Aluminum Polycarbonate Polycarbonate Polymethyl methacrylate - Black Clear

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	IKO2 [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 usefu	ıl 5%	
life 50000 h		
Lumen maintenance at median useful	L80	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	Yes	
Product Data		
Order product name	ST640T LED27S/930 PSU MB BK	
Full product name	ST640T LED27S/930 PSU MB BK	
Full product code	871869687761600	
Order code	910500458479	
Material Nr. (12NC)	910500458479	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696877616	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718696877616	

Dimensional drawing



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