



StyliD PerfectBeam

ST742T LED5S/930 PSR 30 BK

LED Module, system flux 500 lm, 930 warm white, Power supply unit regulating, Black

StyliD PerfectBeam has been developed specifically for museum applications. It strikes the perfect balance between presenting art and preserving it, between ever-changing exhibitions and the need for low maintenance and energy efficiency. The often conflicting demands for good visibility and conservation are now being met with LED lighting that emits no harmful UV or IR radiation. StyliD PerfectBeam presents works of art in their true colors, subtly attracting the viewer's eye, making it easy to see, interpret and appreciate masterpieces down to the smallest detail. It enables you to use light to evoke emotions and create an unforgettable museum experience. Its modular design, variable beam, beam shaping accessories and onboard dimming ensure maximum flexibility to cope with changing exhibitions and lighting needs, now and in the future.

Product data

General Information		Lighting Technology	
Lamp family code	LED5S [LED Module, system flux 500 lm]	CE mark	Yes
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Flammability mark	-
Driver included	Yes	ENEC mark	-
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.	EU RoHS compliant	No
Light source engine type		Light Technical	
LED		Luminous Flux	263 lm
		Standard tilt angle posttop	-
		Standard tilt angle side entry	-
		Correlated Color Temperature (Nom)	3000 K

StyliD PerfectBeam

Luminous Efficacy (rated) (Nom)	12 lm/W
Color rendering index (CRI)	90
Light source color	930 warm white
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	-
Optic type outdoor	-

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Power Consumption	21 W
Connection	-
Cable	-
Number of products on MCB of 16 A type B	-

Temperature

Ambient temperature range	0 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Glass
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	Black
Mounting device	-

Optical cover shape	-
Optical cover finish	-
Overall length	258 mm
Overall width	91 mm
Overall height	297 mm
Overall diameter	91 mm
Dimensions (Height x Width x Depth)	297 x 91 x 258 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Surge Protection (Common/Differential)	-
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-1%
Initial chromaticity	-
Power consumption tolerance	+/-2%

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	Not applicable

Product Data

Order product name	ST742T LED5S/930 PSR 30 BK
Full product name	ST742T LED5S/930 PSR 30 BK
Full product code	871829129782600
Order code	29782600
Material Nr. (12NC)	910504801188
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

