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	
Lamp family code	LED5S [LED Module, system flux 500 lm]
Light source colour	930 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSR [Power supply unit regulating]
Driver included	Yes
Optical cover/lens type	PM [PMMA bowl/cover]
Luminaire light beam spread	-
Control interface	-
Connection	No [-]
Cable	-

Protection class IEC	Safety class II (II)
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	-
Warranty period	5 years
Outdoor optic type	-
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.

StyliD PerfectBeam

Constant light output	No
Number of products on MCB	-
LED engine type	LED

Light Technical

Standard tilt angle post-top	-
Standard tilt angle side entry	-

Operating and Electrical

Input voltage	220/240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Power factor (min.)	-

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optic material	Glass
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Mounting device	No [-]
Optical cover/lens shape	-
Optical cover/lens finish	-
Overall length	258 mm
Overall width	91 mm
Overall height	297 mm
Overall diameter	91 mm
Colour	Black
Dimensions (height x width x depth)	297 x 91 x 258 mm (11.7 x 3.6 x 10.2 in)

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Surge protection (common/differential)	-

Initial Performance (IEC Compliant)

Initial luminous flux	263 lm
Luminous flux tolerance	+/-1%
Initial LED luminaire efficacy	12 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	90
Initial chromaticity	-
Initial input power	21 W
Power consumption tolerance	+/-2%

Application Conditions

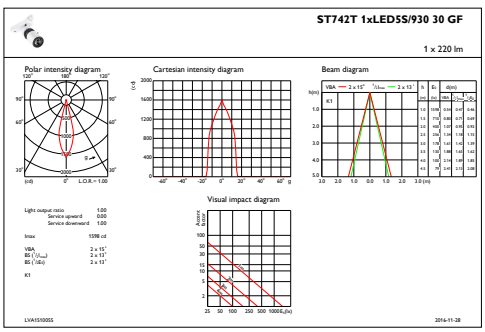
Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%
Suitable for random switching	Not applicable

Product Data

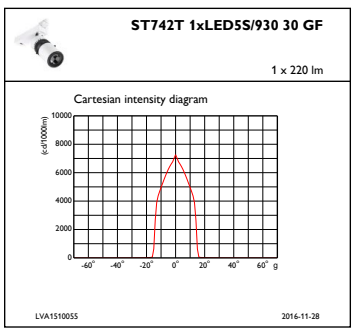
Full product code	871829129782600
Order product name	ST742T LED5S/930 PSR 30 BK
EAN/UPC – product	8718291297826
Order code	29782600
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910504801188
Net weight (piece)	1.600 kg

IP 20 IK 02

Photometric data



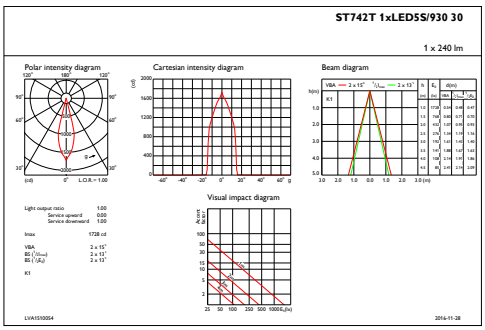
IFAS1_ST742T1xLED5S93030GF

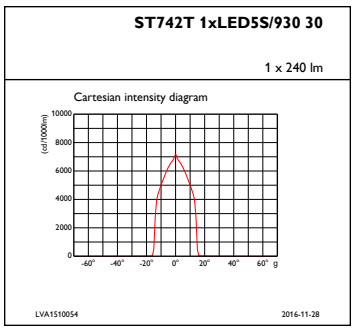


IFCC1_ST742T1xLED5S93030GF

StyliD PerfectBeam

Photometric data





IFAS1_ST742T1xLED5S93030

IFCC1_ST742T1xLED5S93030

© 2020 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.