

GreenSpace Accent Projector

ST320T LED27S/827 PSU MB WH

GREENSPACE ACCENT PROJECTOR - LED module 2700 lm - 827 warm white - Power supply unit - Medium beam - White

Thanks to the GreenSpace Accent family, retailers and building operators can now make the switch from CDM to LED and enjoy the benefits of Philips PerfectAccent light quality as well as significant energy savings – all for a reasonable initial investment. GreenSpace Accent Projector's regular 3C adaptor and specific lumen packages make retrofit installation quick and easy. For fashion and food retailers, the GreenSpace Accent Projector is available with special light flavours and LED recipes to show the clothes and fresh food produce on offer in the very best light. Check out our Fashion and Food catalogue pages to find out more about CrispWhite, PremiumWhite, Fresh Food Meat and Fresh Food Champagne.

Product data

General Information	
Number of light sources	1 [1 pc]
Lamp family code	LED27 [LED module 2700 lm]
Beam angle of light source	120 °
Light source colour	827 warm white
Cap base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	MB [Medium beam]
Optical cover/lens type	PM [PMMA bowl/cover]

Luminaire light beam spread	24°
Connection	-
Cable	-
Protection class IEC	Safety class II
Mounting	3C-69 [3-circuit power track adapter GA69 (connection point) for XTS and XTSF tracks]
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	No

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Warranty period	5 years
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.
Constant light output	No
Number of products on MCB	32
RoHS mark	RoHS mark
Product Family Code	ST320T [GREENSPACE ACCENT PROJECTOR]

Operating and Electrical

Input voltage	220-240 V
Input frequency	50 to 60 Hz
Inrush current	18.6 A
Inrush time	0.240 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate aluminium coated
Optic material	Polycarbonate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Polyamide
Optical cover/lens finish	Clear
Overall length	182 mm
Overall width	114 mm
Overall height	193 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	2600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	113 lm/W
Init. Corr. colour temperature	2700 K
Init. colour rendering index	≥80
Initial chromaticity	(0.46, 0.41) SDCM<3
Initial input power	23 W
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

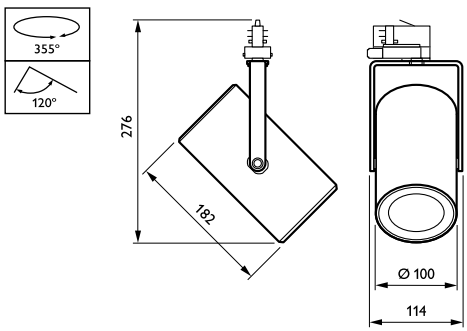
Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869916658800
Order product name	ST320T LED27S/827 PSU MB WH
EAN/UPC – product	8718699166588
Order code	16658800
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500459376
Net weight (piece)	0.980 kg

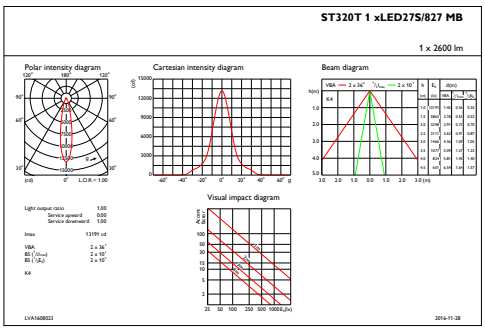
Dimensional drawing



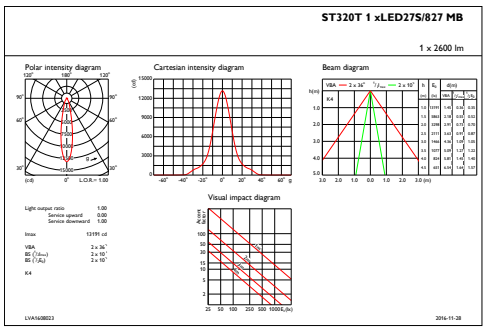
GreenSpace Accent ST315T-ST330T

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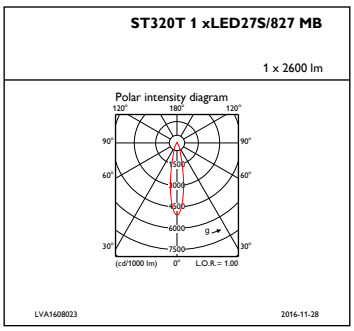
Photometric data



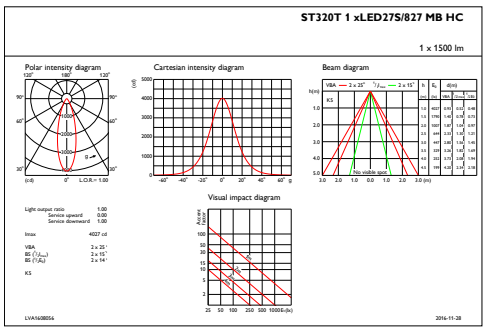
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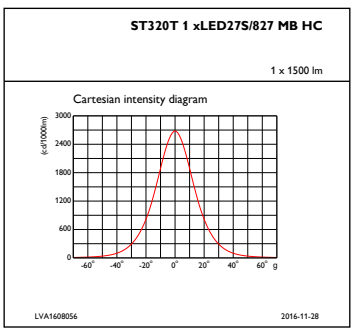
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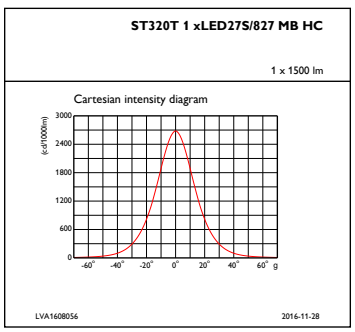
IFPC1_ST320T1xLED27S827MB



IFAS1_ST320T1xLED27S827MBHC



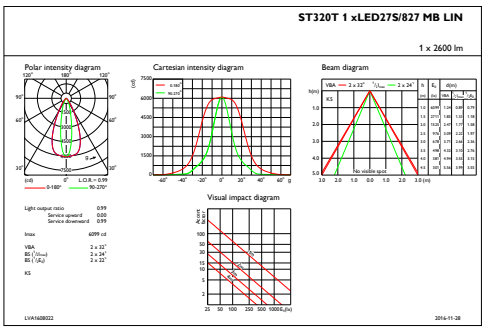
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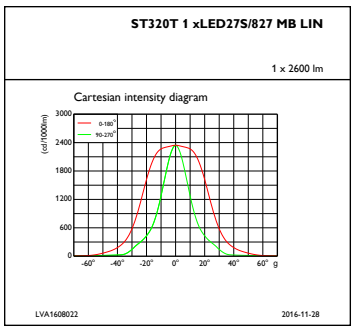
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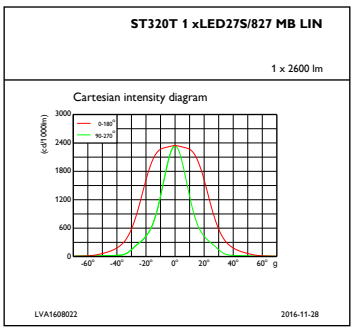
Photometric data



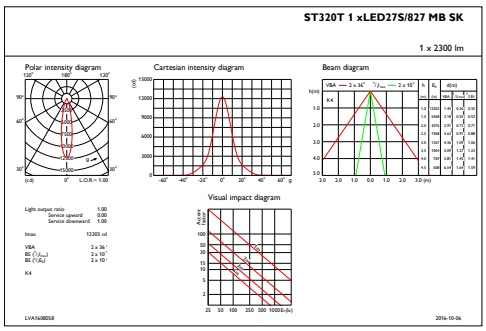
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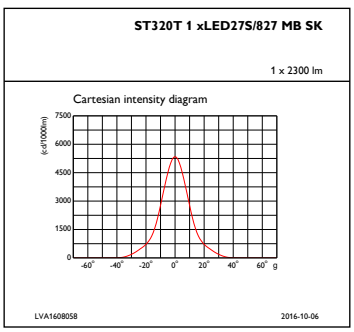
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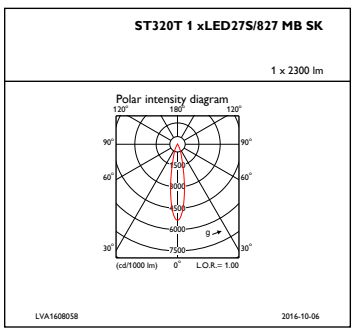
IFPC1_ST320T1xLED27S827MBLIN



IFAS1_ST320T1xLED27S827MBSK



IFCC1_ST320T1xLED27S827MBSK



IFPC1_ST320T1xLED27S827MBSK

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2019, February 12 - data subject to change