PHILIPS

Lighting



GreenSpace Accent Projector

ST320T LED49S/830 PSD-VLC MB BK

GREENSPACE ACCENT PROJECTOR - LED Module, system flux 4900 lm - 830 warm white - Power supply unit with DALI interface - Medium beam - Black

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	
Lamp family code	LED49S [LED Module, system flux 4900 lm]
Beam angle of light source	120 °
Light source colour	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optic type	MB [Medium beam]

Optical cover/lens type	PM [PMMA bowl/cover]
Luminaire light beam spread	24°
Control interface	DALI
Connection	-
Cable	-
Protection class IEC	Safety class II
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

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UL mark	No
Warranty period	5 years
Constant light output	No
Number of products on MCB	20
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	24.9 A
Inrush time	0.186 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes

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
Overall diameter	114 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	4900 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	120 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.43, 0.40) SDCM<3
Initial input power	41 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

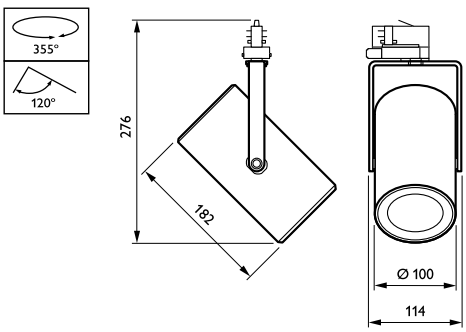
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869940338600
Order product name	ST320T LED49S/830 PSD-VLC MB BK
EAN/UPC – product	8718699403386
Order code	40338600
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910500465415
Net weight (piece)	0.980 kg

F 650°C IP 20 IK 02

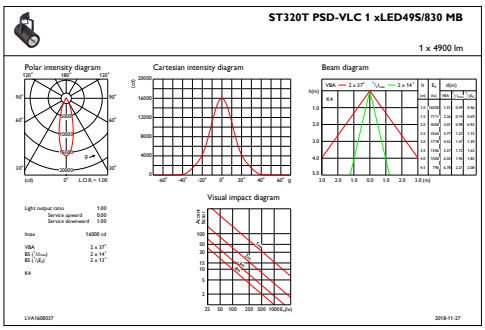
Dimensional drawing



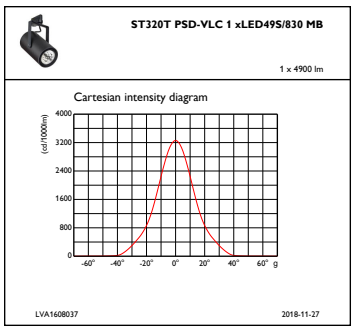
GreenSpace Accent ST315T-ST330T

GreenSpace Accent Projector

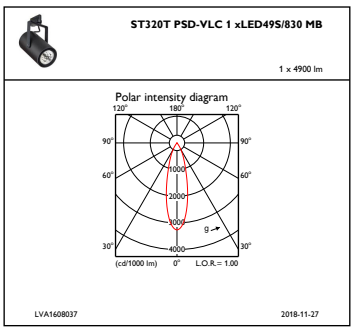
Photometric data



IFAS1_ST320TPSD-VLC1xLED49S830MB



IFCC1_ST320TPSD-VLC1xLED49S830MB



IFPC1_ST320TPSD-VLC1xLED49S830MB

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