



GreenSpace Accent Projector Gen1

ST320T LED27S/830 PSU MB SI

GREENSPACE ACCENT PROJECTOR, LED module 2700 lm, 830 warm white, Power supply unit (On/Off), Medium beam, Silver

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, GreenSpace Accent Projector is available with special light flavors 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	LED27 [LED module 2700 lm]
Cap-Base	- [-]
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.
Service tag	Yes
Product family code	ST320T [GREENSPACE ACCENT
	PROJECTOR]
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

Datasheet, 2023, December 5 data subject to change

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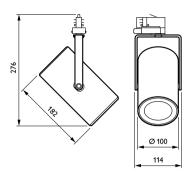
Light Technical Luminous Flux 2,700 lm Correlated Color Temperature (Nom) 3000 K Luminous Efficacy (rated) (Nom) 114,8936170212766 lm/W Color rendering index (CRI) 280 Number of light sources 1 Beam angle of light source 120 degree(s) Light source color 830 warm white Optic type Medium beam Optical cover type Polymethyl methacrylate bowl/cover Luminaire light beam spread 24° Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 18.6 A Inrush time 0,240 ms Power Consumption 23.5 W Power Factor (Fraction) 0,9 Connection - Cable - Number of products on MCB of 16 A type B B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	EU RoHS compliant	Yes
Luminous Flux 2.700 lm Correlated Color Temperature (Nom) 3000 K Luminous Efficacy (rated) (Nom) 114.8936170212766 lm/W Color rendering index (CRI) ≥80 Number of light source 120 degree(s) Light source color 830 warm white Optic type Medium beam Optical cover type Polymethyl methacrylate bowl/cover Luminaire light beam spread 24° Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 18.6 A Inrush time 0.240 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection - Cable - Number of products on MCB of 16 A type B B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate	·	
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) 114.8936170212766 Im/W Color rendering index (CRI) Beam angle of light source 120 degree(s) Light source color 830 warm white Optic type Medium beam Optical cover type Polymethyl methacrylate bowl/cover Luminaire light beam spread 24° Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush time 0.240 ms Power Consumption 23.5 W Power Consumption - Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range **No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Polycarbonate Polycarbonate 120 degree(s) 14.8936170212766 Im/W 280 **No 14.8936170212766 Im/W 280 12.904619 12.90461 1	Light Technical	
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Color rendering index (CRI) 280 Number of light sources 1 Beam angle of light source 120 degree(s) Light source color 830 warm white Optic type Medium beam Optical cover type Polymethyl methacrylate bowl/cover Luminaire light beam spread 24° Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 18.6 A Inrush time 0.240 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection - Cable - Number of products on MCB of 16 A type B B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Correlated Color Temperature (Nom)	3000 K
Number of light sources 1 Beam angle of light source 120 degree(s) Light source color 830 warm white Optic type Medium beam Optical cover type Polymethyl methacrylate bowl/cover Luminaire light beam spread 24° Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 18.6 A Inrush time 0.240 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection - Cable - Number of products on MCB of 16 A type B B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Luminous Efficacy (rated) (Nom)	114.8936170212766 lm/W
Beam angle of light source Light source color B30 warm white Optic type Medium beam Optical cover type Polymethyl methacrylate bowl/cover Luminaire light beam spread 24° Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220–240 V Line Frequency 50 to 60 Hz Inrush current 18.6 A Inrush time 0.240 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection - Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Polycarbonate aluminum coated Optic material	Color rendering index (CRI)	≥80
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Optical cover type Luminaire light beam spread 24° Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 18.6 A Inrush time 0.240 ms Power Consumption 23.5 W Power Factor (Fraction) Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Polycarbonate Polycarbonate 24° Not applicable Not applicable Not applicable 18.6 A 19.90 1	Light source color	830 warm white
Luminaire light beam spread Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 18.6 A Inrush time 0.240 ms Power Consumption 23.5 W Power Factor (Fraction) Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Polycarbonate Polycarbonate V Controls and Diminum coated Optic material	Optic type	Medium beam
Unified glare rating CEN Not applicable Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 18.6 A Inrush time 0.240 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection - Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Polycarbonate Polycarbonate Optic material	Optical cover type	Polymethyl methacrylate bowl/cover
Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 18.6 A Inrush time 0.240 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection - Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Luminaire light beam spread	24°
Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 18.6 A Inrush time 0.240 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection - Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Unified glare rating CEN	Not applicable
Input Voltage 220-240 V Line Frequency 50 to 60 Hz Inrush current 18.6 A Inrush time 0.240 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection - Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate		
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Inrush current Inrush time O.240 ms Power Consumption 23.5 W Power Factor (Fraction) O.9 Connection - Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Polycarbonate Polycarbonate	Input Voltage	220-240 V
Inrush time 0.240 ms Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection - Cable - Number of products on MCB of 16 A type 32 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Line Frequency	50 to 60 Hz
Power Consumption 23.5 W Power Factor (Fraction) 0.9 Connection - Cable - Number of products on MCB of 16 A type 32 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Inrush current	18.6 A
Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Inrush time	0.240 ms
Connection - Cable - Number of products on MCB of 16 A type 32 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Power Consumption	23.5 W
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Connection	-
Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Cable	-
Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Number of products on MCB of 16 A type	32
Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	В	
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Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Ambient temperature range	+10 to +40 °C
Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate		
Driver/power unit/transformer Power supply unit (On/Off) Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Controls and Dimming	
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Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Driver/power unit/transformer	Power supply unit (On/Off)
Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Constant light output	No
Housing Material Aluminum Reflector material Polycarbonate aluminum coated Optic material Polycarbonate		
Reflector material Polycarbonate aluminum coated Optic material Polycarbonate	Mechanical and Housing	
Optic material Polycarbonate	Housing Material	Aluminum
	Reflector material	Polycarbonate aluminum coated
Optical cover material Polymethyl methacrylate	Optic material	Polycarbonate
	Optical cover material	Polymethyl methacrylate

Fixation material	Polyamide
Housing Color	Silver
Optical cover finish	Clear
Overall length	182 mm
Overall width	114 mm
Overall height	193 mm
Dimensions (Height x Width x Depth)	193 x 114 x 182 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM<3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L80
50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes
Product Data	
Order product name	ST320T LED27S/830 PSU MB SI
Full product name	ST320T LED27S/830 PSU MB SI
Full product code	871869916659500
Order code	910500459377
Material Nr. (12NC)	910500459377
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699166595
EAN/UPC - Product/Case Numerator - Packs per outer box	1

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Dimensional drawing







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