



# **GreenSpace Accent Projector Gen1**

## **ST320T LED17S/827 PSU MB WH**

GREENSPACE ACCENT PROJECTOR, LED module 1700 lm, 827 warm white, Power supply unit (On/Off), 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, 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	LED17 [LED module 1700 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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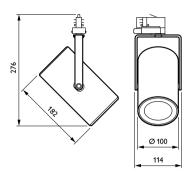
Light Technical  Luminous Flux 1,650 lm  Correlated Color Temperature (Nom) 2700 K  Luminous Efficacy (rated) (Nom) 115 lm/W  Color rendering index (CRI) 280  Number of light sources 1 Beam angle of light source 120 degree(s) Light source color 0ptic type Medium beam Optical cover type Polymethyl methacrylate 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 14.4 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  Constant light output No  Mechanical and Housing Housing Material Reflector material Polycarbonate Optical cover material Polycarbonate	EU RoHS compliant	Yes
Luminous Flux 1,650 lm  Correlated Color Temperature (Nom) 2700 K  Luminous Efficacy (rated) (Nom) 115 lm/W  Color rendering index (CRI) 280  Number of light sources 1  Beam angle of light source 120 degree(s)  Light source color 827 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 14.4 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) 2700 K Luminous Efficacy (rated) (Nom) 115 Im/W Color rendering index (CRI) \$80  Number of light source 120 degree(s) Light source color 827 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 14.4 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	Light Technical	
Luminous Efficacy (rated) (Nom)  Color rendering index (CRI)  Number of light source  120 degree(s)  Light source color  827 warm white  Optic type  Medium beam  Optical cover type  Luminaire light beam spread  Unified glare rating CEN  Not applicable  Operating and Electrical  Input Voltage  18.6 A  Inrush current  18.6 A  Inrush time  0.240 ms  Power Consumption  14.4 W  Power Factor (Fraction)  Connection  - Cable  Number of products on MCB of 16 A type B  B  Temperature  Ambient temperature range  The power unit/transformer  Constant light output  No  Mechanical and Housing  Housing Material  Reflector material  Polycarbonate  Polycarbonate  120 degree(s)  120 degree(se)  120 degree(s)  120 degree(se)  120 degree(se)  120 degree(se)  120 degree(se)  120 deg	Luminous Flux	1,650 lm
Color rendering index (CRI) \$80  Number of light sources 1  Beam angle of light source 120 degree(s)  Light source color 827 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 14.4 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	Correlated Color Temperature (Nom)	2700 K
Number of light sources 1  Beam angle of light source 120 degree(s)  Light source color 827 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 14.4 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	Luminous Efficacy (rated) (Nom)	115 lm/W
Beam angle of light source 120 degree(s) Light source color 827 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 14.4 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	Color rendering index (CRI)	≥80
Light source color  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  14.4 W  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  Constant light output  No  Mechanical and Housing  Housing Material  Reflector material  Polycarbonate alluminum coated  Optic material  Polycarbonate  Polycarbonate	Number of light sources	1
Optic type  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  14.4 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  Constant light output  Mechanical and Housing  Housing Material  Reflector material  Polycarbonate	Beam angle of light source	120 degree(s)
Optical cover type  Luminaire light beam spread  24°  Unified glare rating CEN  Not applicable  Operating and Electrical  Input Voltage  220-240 V  Line Frequency  Inrush current  18.6 A  Inrush time  0.240 ms  Power Consumption  14.4 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  Constant light output  No  Mechanical and Housing  Housing Material  Reflector material  Polycarbonate aluminum coated  Optic material  Polycarbonate  Polycarbonate  Polycarbonate  24°  Not applicable  Not applicable	Light source color	827 warm white
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Unified glare rating CEN  Not applicable  Operating and Electrical Input Voltage  Line Frequency  Inrush current  18.6 A Inrush time  0.240 ms  Power Consumption  14.4 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  Constant light output  No  Mechanical and Housing  Housing Material  Reflector material  Polycarbonate  220-240 V  240 ms  240 ms  240 ms  241 4 W  240 ms  240 ms  241 4 W  240 ms  240 ms  240 ms  241 4 W  240 ms  240 ms	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 14.4 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	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 14.4 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
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Inrush current  Inrush time  O.240 ms  Power Consumption  14.4 W  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  Constant light output  No  Mechanical and Housing  Housing Material  Reflector material  Polycarbonate  Optic material  Polycarbonate  14.4 W  0.240 ms  No  Power Supply  In I	Input Voltage	220-240 V
Inrush time 0.240 ms  Power Consumption 14.4 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
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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
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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		
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	Temperature	
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	
Constant light output  No  Mechanical and Housing  Housing Material  Reflector material  Polycarbonate aluminum coated  Optic material  Polycarbonate	Dimmable	No
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	White
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	IKO2 [0.2 J standard]
Protection class IEC	-
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.46, 0.41) 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 ℃
Suitable for random switching	
	Yes
	Yes
Product Data	
Product Data Order product name	ST320T LED17S/827 PSU MB WH
Product Data Order product name Full product name	ST320T LED17S/827 PSU MB WH ST320T LED17S/827 PSU MB WH
Product Data Order product name Full product code	ST320T LED17S/827 PSU MB WH ST320T LED17S/827 PSU MB WH 871869916652600
Product Data Order product name Full product name Full product code Order code	ST320T LED17S/827 PSU MB WH ST320T LED17S/827 PSU MB WH 871869916652600 910500459370
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	ST320T LED17S/827 PSU MB WH ST320T LED17S/827 PSU MB WH 871869916652600 910500459370 910500459370
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	ST320T LED17S/827 PSU MB WH ST320T LED17S/827 PSU MB WH 871869916652600 910500459370 910500459370
Product Data Order product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	ST320T LED17S/827 PSU MB WH ST320T LED17S/827 PSU MB WH 871869916652600 910500459370 910500459370 1 8718699166526
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	ST320T LED17S/827 PSU MB WH ST320T LED17S/827 PSU MB WH 871869916652600 910500459370 910500459370

# **GreenSpace Accent Projector Gen1**

### Dimensional drawing







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