



# A small and sustainable projector in a sleek, subtle design

# GreenSpace Evo Mini Semi Recessed

GreenSpace Evo Mini Semi Recessed is a sustainable lighting projector for recessed installation that comes with a sleek and subtle design. This makes the projector an ideal choice for hospitality and fashion retail applications. The 3D printed housing is crafted from at least 65% recycled or bio-circular materials, while the heatsink is made from 85% recycled aluminium. Because of its circular design, the luminaire is upgradable, reusable, fully serviceable and recyclable. Combined with the high energy efficiency, this makes the GreenSpace Evo Mini Semi Recessed a sustainable projector choice. The new PerfectAccent deep reflectors ensure a light effect with increased sparkle and improved shopper eye comfort. Further customization of cutout dimensions, colors and textures is possible via Philips MyCreation

#### Benefits

- he sleek and subtle design fits perfectly in any installation
- More sparkle and enhanced shopper eye comfort with PerfectAccent deep reflectors
- $\boldsymbol{\cdot}$  Extend the useful life of the product with easy serviceability and upgradeability
- The recycled materials and high energy efficiency help further reduce the carbon footprint of the product

#### **Features**

- Toolless access to the optics, LED and front glass
- · Serviceable and upgradeable with standard tools
- · Reduced carbon footprint due to high efficacy
- Equipped with state-of-the-art PerfectAccent deep reflectors
- · Connectivity options: Interact compatible DALI (DIA) and Wireless (WIA)
- · Optional front glass (recommended for dusty environments)

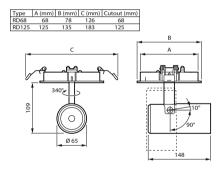
#### **Application**

- Fashion
- Hospitality
- Residential

#### **Warnings and Safety**

- Cleaning of the optic should only be done with pressurized air. Touching the LED or reflector is forbidden. For food preparation areas and areas with high levels of dust, the use of the optional front glass is strongly advised, as it can be cleaned with a (dry) microfiber cloth
- During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove

#### Dimensional drawing



#### **Product details**



ST332B GreenSpace Evo Mini Semi-recessed - white - cutout 68



ST332B GreenSpace Evo Mini Semi-recessed - black - cutout 125

## **Product details**



ST332B GreenSpace Evo Mini Semi-recessed - black - cutout 68



ST332B GreenSpace Evo Mini Semi-recessed - white - cutout 125

General Information Pres   Number of gear units 1 unit   Light Technical ≥90   Color rendering index (CRI) ≥90   Operating and Electrical   Protection class IEC Safety class II   Input Voltage 220-240 V   Line Frequency 50 to 60 Hz   Suitable for random switching Not applicable   Mechanical and Housing IK02   Mech. impact protection code IK02   Ingress protection code IP20   Emergency Operation No   Central Emergency No   Approval and Application Ambient temperature range +10 to +35 °C   CE mark Yes   ENEC mark -   Flammability mark -   Glow-wire test Temperature 650 °C, duration 30 s   Stroboscopic effect visibility measure 0.4   (SVM)   Initial Performance (IEC Compliant) -   Luminous flux tolerance -10% / +10%		
Number of gear units       1 unit         Light Technical       290         Color rendering index (CRI)       ≥90         Operating and Electrical         Protection class IEC       Safety class II         Input Voltage       220-240 V         Line Frequency       50 to 60 Hz         Suitable for random switching       Not applicable         Mechanical and Housing         Mech. impact protection code       IK02         Ingress protection code       IP20         Emergency Operation         Central Emergency       No         Approval and Application       No         Ambient temperature range       +10 to +35 °C         CE mark       -         ENEC mark       -         Flammability mark       -         Glow-wire test       Temperature 650 °C, duration 30 s         Stroboscopic effect visibility measure (SVM)       0.4         Initial Performance (IEC Compliant)	General Information	
Light Technical Color rendering index (CRI) ≥90  Operating and Electrical Protection class IEC Safety class II Input Voltage 220-240 V Line Frequency 50 to 60 Hz Suitable for random switching Not applicable  Mechanical and Housing Mech. impact protection code IKO2 Ingress protection code IP20  Emergency Operation Central Emergency No  Approval and Application Ambient temperature range +10 to +35 °C CE mark Yes ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)	Driver included	Yes
Color rendering index (CRI) ≥90  Operating and Electrical  Protection class IEC Safety class II Input Voltage 220-240 V Line Frequency 50 to 60 Hz Suitable for random switching Not applicable  Mechanical and Housing Mech. impact protection code IK02 Ingress protection code IP20  Emergency Operation Central Emergency No  Approval and Application Ambient temperature range +10 to +35 °C CE mark Yes ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)	Number of gear units	1 unit
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Line Frequency 50 to 60 Hz  Suitable for random switching Not applicable  Mechanical and Housing  Mech. impact protection code IKO2  Ingress protection code IP20  Emergency Operation  Central Emergency No  Approval and Application  Ambient temperature range +10 to +35 °C  CE mark Yes  ENEC mark -  Flammability mark -  Glow-wire test Temperature 650 °C, duration 30 s  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)	Protection class IEC	Safety class II
Mechanical and Housing Mech. impact protection code IK02 Ingress protection code IP20  Emergency Operation Central Emergency No  Approval and Application Ambient temperature range +10 to +35 °C CE mark Yes ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)	Input Voltage	220-240 V
Mechanical and Housing  Mech. impact protection code IK02  Ingress protection code IP20  Emergency Operation  Central Emergency No  Approval and Application  Ambient temperature range +10 to +35 °C  CE mark Yes  ENEC mark -  Flammability mark -  Glow-wire test Temperature 650 °C, duration 30 s  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)	Line Frequency	50 to 60 Hz
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Central Emergency  Approval and Application  Ambient temperature range +10 to +35 °C  CE mark Yes  ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)	Ingress protection code	IP20
Central Emergency  Approval and Application  Ambient temperature range +10 to +35 °C  CE mark Yes  ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s  Stroboscopic effect visibility measure (SVM)  Initial Performance (IEC Compliant)		
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°C, duration 30 s  Stroboscopic effect visibility measure 0.4  (SVM)  Initial Performance (IEC Compliant)		-
Stroboscopic effect visibility measure 0.4 (SVM)  Initial Performance (IEC Compliant)	Glow-wire test	
(SVM) Initial Performance (IEC Compliant)		
Initial Performance (IEC Compliant)		0.4
* * *	(SVM)	
* * *	Initial Derformance (IEC Carrelian	<b>+</b> )
Luminous itux toterance -i0% / +i0%	•	
	Luminous flux tolerance	-10% / +10%

## Light Technical

		Correlated			
		Color	Luminous		
		Temperature	Efficacy	Luminous	
Order Code	Full Product Name	(Nom)	(rated) (Nom)	Flux	Optic type
910505104627	ST332B 12S/PC930	3000 K	108 lm/W	1,200 lm	High-reflective metal
	PSU-E HNB BK482				reflector Narrow beam
	68				10 to 20 degrees
910505104628	ST332B 17S/PW940	4000 K	131 lm/W	1,700 lm	High-reflective metal
	DIA-E HWB BK482				reflector Medium beam
	68				20 to 40 degrees
910505104626	ST332B 12S/PW930	3000 K	130 lm/W	1,200 lm	High-reflective metal
	PSU-E HMB WH481				reflector Medium beam
	68				20 to 40 degrees
910505104629	ST332B 27S/PW930	3000 K	117 lm/W	2,700 lm	High-reflective metal
	PSU-E HMB WH481				reflector Medium beam
	68				20 to 40 degrees
910505104630	ST332B 27S/PW940	4000 K	124 lm/W	2,700 lm	High-reflective metal
	PSU-E HMB WH481				reflector Medium beam
	68				20 to 40 degrees
910505104632	ST332B 12S/PC930	3000 K	108 lm/W	1,200 lm	High-reflective metal
	PSU-E HNB BK482				reflector Narrow beam
	125				10 to 20 degrees
910505104633	ST332B 17S/PW940	4000 K	131 lm/W	1,700 lm	High-reflective metal
	DIA-E HWB BK482				reflector Medium beam
	125				20 to 40 degrees
910505104631	ST332B 12S/PW930	3000 K	130 lm/W	1,200 lm	High-reflective metal
	PSU-E HMB WH481				reflector Medium beam
	125				20 to 40 degrees
910505104634	ST332B 27S/PW930	3000 K	117 lm/W	2,700 lm	High-reflective metal
	PSU-E HMB WH481				reflector Medium beam
	125				20 to 40 degrees
910505104635	ST332B 27S/PW940	4000 K	124 lm/W	2,700 lm	High-reflective metal
	PSU-E HMB				reflector Medium beam
	WH481125				20 to 40 degrees

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505104627	ST332B 12S/PC930 PSU-E HNB BK482 68	10.2 W
910505104628	ST332B 17S/PW940 DIA-E HWB BK482 68	14.2 W
910505104626	ST332B 12S/PW930 PSU-E HMB WH481 68	9.9 W
910505104629	ST332B 27S/PW930 PSU-E HMB WH481 68	22.1 W
910505104630	ST332B 27S/PW940 PSU-E HMB WH481 68	22.1 W

Order Code	Full Product Name	Power Consumption
910505104632	ST332B 12S/PC930 PSU-E HNB BK482 125	10.2 W
910505104633	ST332B 17S/PW940 DIA-E HWB BK482 125	14.2 W
910505104631	ST332B 12S/PW930 PSU-E HMB WH481 125	9.9 W
910505104634	ST332B 27S/PW930 PSU-E HMB WH481 125	22.1 W
910505104635	ST332B 27S/PW940 PSU-E HMB WH481125	22.1 W

## **Controls and Dimming**

Order Code	Full Product Name	Dimmable
910505104627	ST332B 12S/PC930 PSU-E HNB BK482 68	No
910505104628	ST332B 17S/PW940 DIA-E HWB BK482 68	Yes
910505104626	ST332B 12S/PW930 PSU-E HMB WH481 68	No
910505104629	ST332B 27S/PW930 PSU-E HMB WH481 68	No
910505104630	ST332B 27S/PW940 PSU-E HMB WH481 68	No

Order Code	Full Product Name	Dimmable
910505104632	ST332B 12S/PC930 PSU-E HNB BK482 125	No
910505104633	ST332B 17S/PW940 DIA-E HWB BK482 125	Yes
910505104631	ST332B 12S/PW930 PSU-E HMB WH481 125	No
910505104634	ST332B 27S/PW930 PSU-E HMB WH481 125	No
910505104635	ST332B 27S/PW940 PSU-E HMB WH481125	No

## Mechanical and Housing

Order Code	Full Product Name	Housing Color
910505104627	ST332B 12S/PC930 PSU-E HNB BK482 68	Black
910505104628	ST332B 17S/PW940 DIA-E HWB BK482 68	Black
910505104626	ST332B 12S/PW930 PSU-E HMB WH481 68	White
910505104629	ST332B 27S/PW930 PSU-E HMB WH481 68	White
910505104630	ST332B 27S/PW940 PSU-E HMB WH481 68	White

Order Code	Full Product Name	Housing Color
910505104632	ST332B 12S/PC930 PSU-E HNB BK482 125	Black
910505104633	ST332B 17S/PW940 DIA-E HWB BK482 125	Black
910505104631	ST332B 12S/PW930 PSU-E HMB WH481 125	White
910505104634	ST332B 27S/PW930 PSU-E HMB WH481 125	White
910505104635	ST332B 27S/PW940 PSU-E HMB WH481125	White

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505104627	ST332B 12S/PC930 PSU-E HNB BK482 68	(0.422,0.386)
910505104628	ST332B 17S/PW940 DIA-E HWB BK482 68	(0.374,0.364)
910505104626	ST332B 12S/PW930 PSU-E HMB WH481 68	(0.422,0.386)
910505104629	ST332B 27S/PW930 PSU-E HMB WH481 68	(0.422,0.386)
910505104630	ST332B 27S/PW940 PSU-E HMB WH481 68	(0.374,0.364)

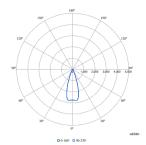
Order Code	Full Product Name	Initial chromaticity
910505104632	ST332B 12S/PC930 PSU-E HNB BK482 125	(0.422,0.386)
910505104633	ST332B 17S/PW940 DIA-E HWB BK482 125	(0.374,0.364)
910505104631	ST332B 12S/PW930 PSU-E HMB WH481 125	(0.422,0.386)
910505104634	ST332B 27S/PW930 PSU-E HMB WH481 125	(0.422,0.386)
910505104635	ST332B 27S/PW940 PSU-E HMB WH481125	(0.374,0.364)

## **Product Data**

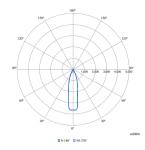
Order Code	Full Product Name	Product family code
910505104627	ST332B 12S/PC930 PSU-E HNB BK482 68	-
910505104628	ST332B 17S/PW940 DIA-E HWB BK482 68	ST332B
910505104626	ST332B 12S/PW930 PSU-E HMB WH481 68	ST332B
910505104629	ST332B 27S/PW930 PSU-E HMB WH481 68	-
910505104630	ST332B 27S/PW940 PSU-E HMB WH481 68	-

Order Code	Full Product Name	Product family code
910505104632	ST332B 12S/PC930 PSU-E HNB BK482 125	-
910505104633	ST332B 17S/PW940 DIA-E HWB BK482 125	ST332B
910505104631	ST332B 12S/PW930 PSU-E HMB WH481 125	ST332B
910505104634	ST332B 27S/PW930 PSU-E HMB WH481 125	-
910505104635	ST332B 27S/PW940 PSU-E HMB WH481125	-

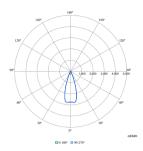
## **Polar Wide Diagrams**



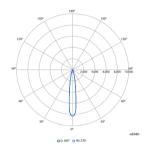
Polar Normal (separate) - ST332BI - 910505104628



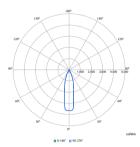
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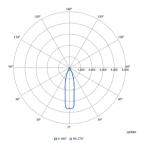
Polar Normal (separate) - ST332BI -910505104633



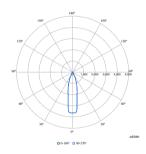
Polar Normal (separate) - ST332BI - 910505104632



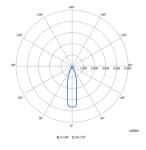
Polar Normal (separate) - ST332BI -910505104631



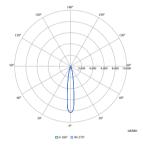
Polar Normal (separate) - ST332BI -910505104629



Polar Normal (separate) - ST332BI -910505104630

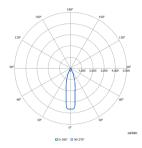


Polar Normal (separate) - ST332BI - 910505104635



Polar Normal (separate) - ST332BI - 910505104627

## **Polar Wide Diagrams**



Polar Normal (separate) - ST332BI - 910505104634

