PHILIPS

Lighting



A sustainable spot in a small and subtle design

GreenSpace Evo Mini Adjustable

GreenSpace Evo Mini Adjustable is a miniaturized accent spot with a subtle and neutral design which can be aimed up to 30 degrees. This makes the product an ideal choice for fashion, hospitality and residential 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 Adjustable a sustainable choice for accent lighting. The PerfectAccent deep reflectors ensure a light effect with increased sparkle and improved shopper eye comfort. Renovation projects are easy with Perfect Fit due to the multiple cutout dimensions that are available. Further customization of colors, textures and Perfect Fit cutouts is possible via Philips MyCreation

Benefits

- Blends into stores with a clean and neutral design
- Easy to aim the light up to 30 degrees
- Retrofitting older installations is easy with Perfect Fit's multiple available cutout options
- More sparkle and enhanced shopper eye comfort with PerfectAccent deep reflectors
- 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

GreenSpace Evo Mini Adjustable

Features

- Easy access to the optics, LED and front glass
- Serviceable and upgradeable with standard tools
- Available in multiple Perfect Fit cutout dimensions (80mm-100mm)
- 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)

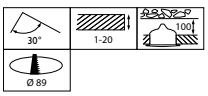
Application

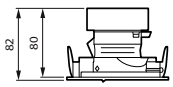
- Fashion
- Hospitality
- Residential

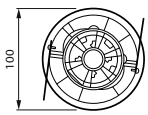
Warnings and Safety

- 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



RS321B GreenSpace Evo Mini adjustable black



RS321B GreenSpace Evo Mini adjustable white

GreenSpace Evo Mini Adjustable

Product details



RS321B GreenSpace Evo Mini adjustable grey

General Information	
Driver included	Yes
Number of gear units	1 unit
Service tag	Yes
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
Emergency Operation	
Central Emergency	No
Approval and Application	
Ambient temperature range	+10 to +35 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Product Data	
Product family code	RS321B

Light Technical (1/2)

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
910505104569	RS321B 17S/PW940 DIA-E HWB FG GR	4000 K	>90	136 lm/W	1,600 lm
910505104590	RS321B 12S/PW940 PSU-E HNB FG GR	4000 K	>90	121 lm/W	1,300 lm
910505102998	RS321B 17S/840 PSU-E HMB BK	4000 K	>80	143 lm/W	1,700 lm
910505104501	RS321B 20S/830 PSU-E HWB BK	3000 K	>80	130 lm/W	2,100 lm
910505104568	RS321B 7S/PC930 PSU-E HMB FG BK	3000 K	>90	100 lm/W	700 lm
910505104586	RS321B 7S/PW930 PSU-E HWB BK	3000 K	>90	123 lm/W	850 lm
910505104587	RS321B 7S/PW940 PSU-E HWB BK	4000 K	>90	126 lm/W	850 lm
910505104591	RS321B 12S/PC930 WIA-E HMB BK	3000 K	>90	122 lm/W	1,250 lm
910505102999	RS321B 17S/PC930 WIA-E HMB WH	3000 K	>90	119 lm/W	1,750 lm
910505104502	RS321B 20S/PW940 DIA-E HMB WH	4000 K	>90	133 lm/W	2,150 lm
910505104570	RS321B 20S/PW930 WIA-E HMB WH	3000 K	>90	131 lm/W	2,050 lm
910505104584	RS321B 7S/830 PSU-E HWB WH	3000 K	>80	128 lm/W	900 lm
910505104585	RS321B 7S/840 PSU-E HVWB WH	4000 K	>80	132 lm/W	900 lm
910505104588	RS321B 12S/830 PSU-E HWB WH	3000 K	>80	134 lm/W	1,150 lm
910505104589	RS321B 12S/PW930 PSU-E HMB FG WH	3000 K	>90	128 lm/W	1,100 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type
910505104569	RS321B 17S/PW940 DIA-E HWB FG GR	High-reflective metal reflector Medium beam 20 to 40 degrees

Order Code	Full Product Name	Optic type
910505104590	RS321B 12S/PW940 PSU-E HNB FG GR	High-reflective metal reflector Narrow beam 10 to 20 degrees

GreenSpace Evo Mini Adjustable

Order Code	Full Product Name	Optic type
910505102998	RS321B 17S/840 PSU-E HMB BK	High-reflective metal reflector Medium beam 20 to 40 degrees
910505104501	RS321B 20S/830 PSU-E HWB BK	High-reflective metal reflector Medium beam 20 to 40 degrees
910505104568	RS321B 7S/PC930 PSU-E HMB FG BK	High-reflective metal reflector Medium beam 20 to 40 degrees
910505104586	RS321B 7S/PW930 PSU-E HWB BK	High-reflective metal reflector Medium beam 20 to 40 degrees
910505104587	RS321B 7S/PW940 PSU-E HWB BK	High-reflective metal reflector Medium beam 20 to 40 degrees
910505104591	RS321B 12S/PC930 WIA-E HMB BK	High-reflective metal reflector Medium beam 20 to 40 degrees
910505102999	RS321B 17S/PC930 WIA-E HMB WH	High-reflective metal reflector Medium beam 20 to 40 degrees

Order Code	Full Product Name	Optic type
910505104502	RS321B 20S/PW940 DIA-E HMB WH	High-reflective metal reflector Medium beam 20 to 40 degrees
910505104570	RS321B 20S/PW930 WIA-E HMB WH	High-reflective metal reflector Medium beam 20 to 40 degrees
910505104584	RS321B 7S/830 PSU-E HWB WH	High-reflective metal reflector Medium beam 20 to 40 degrees
910505104585	RS321B 7S/840 PSU-E HVWB WH	High-reflective metal reflector Wide beam 40 to 80 degrees
910505104588	RS321B 12S/830 PSU-E HWB WH	High-reflective metal reflector Medium beam 20 to 40 degrees
910505104589	RS321B 12S/PW930 PSU-E HMB FG WH	High-reflective metal reflector Medium beam 20 to 40 degrees

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505104569	RS321B 17S/PW940 DIA-E HWB FG GR	12.1 W
910505104590	RS321B 12S/PW940 PSU-E HNB FG GR	10.7 W
910505102998	RS321B 17S/840 PSU-E HMB BK	12 W
910505104501	RS321B 20S/830 PSU-E HWB BK	16 W
910505104568	RS321B 7S/PC930 PSU-E HMB FG BK	7 W
910505104586	RS321B 7S/PW930 PSU-E HWB BK	6.8 W
910505104587	RS321B 7S/PW940 PSU-E HWB BK	6.8 W
910505104591	RS321B 12S/PC930 WIA-E HMB BK	10.3 W

Order Code	Full Product Name	Power Consumption
910505102999	RS321B 17S/PC930 WIA-E HMB WH	14.6 W
910505104502	RS321B 20S/PW940 DIA-E HMB WH	16 W
910505104570	RS321B 20S/PW930 WIA-E HMB WH	15.8 W
910505104584	RS321B 7S/830 PSU-E HWB WH	6.8 W
910505104585	RS321B 7S/840 PSU-E HVWB WH	6.8 W
910505104588	RS321B 12S/830 PSU-E HWB WH	8.6 W
910505104589	RS321B 12S/PW930 PSU-E HMB FG WH	8.6 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505104569	RS321B 17S/PW940 DIA-E HWB FG GR	Yes
910505104590	RS321B 12S/PW940 PSU-E HNB FG GR	No
910505102998	RS321B 17S/840 PSU-E HMB BK	No
910505104501	RS321B 20S/830 PSU-E HWB BK	No
910505104568	RS321B 7S/PC930 PSU-E HMB FG BK	No
910505104586	RS321B 7S/PW930 PSU-E HWB BK	No
910505104587	RS321B 7S/PW940 PSU-E HWB BK	No
910505104591	RS321B 12S/PC930 WIA-E HMB BK	Yes

Order Code	Full Product Name	Dimmable
910505102999	RS321B 17S/PC930 WIA-E HMB WH	Yes
910505104502	RS321B 20S/PW940 DIA-E HMB WH	Yes
910505104570	RS321B 20S/PW930 WIA-E HMB WH	Yes
910505104584	RS321B 7S/830 PSU-E HWB WH	No
910505104585	RS321B 7S/840 PSU-E HVWB WH	No
910505104588	RS321B 12S/830 PSU-E HWB WH	No
910505104589	RS321B 12S/PW930 PSU-E HMB FG WH	No

Mechanical and Housing

Order Code	Full Product Name	Housing Color	Ingress protection code
910505104569	RS321B 17S/PW940 DIA-E HWB FG GR	Gray	IP20/54
910505104590	RS321B 12S/PW940 PSU-E HNB FG GR	Gray	IP20/54
910505102998	RS321B 17S/840 PSU-E HMB BK	Black	IP20
910505104501	RS321B 20S/830 PSU-E HWB BK	Black	IP20
910505104568	RS321B 7S/PC930 PSU-E HMB FG BK	Black	IP20/54
910505104586	RS321B 7S/PW930 PSU-E HWB BK	Black	IP20
910505104587	RS321B 7S/PW940 PSU-E HWB BK	Black	IP20
910505104591	RS321B 12S/PC930 WIA-E HMB BK	Black	IP20

Order Code	Full Product Name	Housing Color	Ingress protection code
910505102999	RS321B 17S/PC930 WIA-E HMB WH	White	IP20
910505104502	RS321B 20S/PW940 DIA-E HMB WH	White	IP20
910505104570	RS321B 20S/PW930 WIA-E HMB WH	White	IP20
910505104584	RS321B 7S/830 PSU-E HWB WH	White	IP20
910505104585	RS321B 7S/840 PSU-E HVWB WH	White	IP20
910505104588	RS321B 12S/830 PSU-E HWB WH	White	IP20
910505104589	RS321B 12S/PW930 PSU-E HMB FG WH	White	IP20/54

Approval and Application

Order Code	Full Product Name	Stroboscopic effect visibility measure (SVM)
910505104569	RS321B 17S/PW940 DIA-E HWB FG GR	0.4
910505104590	RS321B 12S/PW940 PSU-E HNB FG GR	0.4
910505102998	RS321B 17S/840 PSU-E HMB BK	0.4
910505104501	RS321B 20S/830 PSU-E HWB BK	0.4
910505104568	RS321B 7S/PC930 PSU-E HMB FG BK	0.4
910505104586	RS321B 7S/PW930 PSU-E HWB BK	0.4
910505104587	RS321B 7S/PW940 PSU-E HWB BK	0.4
910505104591	RS321B 12S/PC930 WIA-E HMB BK	0.5

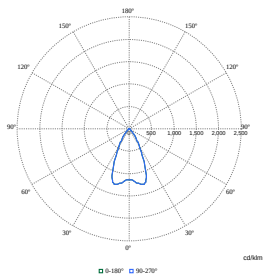
Order Code	Full Product Name	Stroboscopic effect visibility measure (SVM)
910505102999	RS321B 17S/PC930 WIA-E HMB WH	0.5
910505104502	RS321B 20S/PW940 DIA-E HMB WH	0.4
910505104570	RS321B 20S/PW930 WIA-E HMB WH	0.5
910505104584	RS321B 7S/830 PSU-E HWB WH	0.4
910505104585	RS321B 7S/840 PSU-E HVWB WH	0.4
910505104588	RS321B 12S/830 PSU-E HWB WH	0.4
910505104589	RS321B 12S/PW930 PSU-E HMB FG WH	0.4

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505104569	RS321B 17S/PW940 DIA-E HWB FG GR	(0.374, 0.364) SDCM <2
910505104590	RS321B 12S/PW940 PSU-E HNB FG GR	(0.374, 0.364) SDCM <2
910505102998	RS321B 17S/840 PSU-E HMB BK	(0.382, 0.380) SDCM <3
910505104501	RS321B 20S/830 PSU-E HWB BK	(0.434, 0.403) SDCM <3
910505104568	RS321B 7S/PC930 PSU-E HMB FG BK	(0.422, 0.386) SDCM <2
910505104586	RS321B 7S/PW930 PSU-E HWB BK	(0.422, 0.386) SDCM <2
910505104587	RS321B 7S/PW940 PSU-E HWB BK	(0.374, 0.364) SDCM <2
910505104591	RS321B 12S/PC930 WIA-E HMB BK	(0.422, 0.386) SDCM <2

Order Code	Full Product Name	Initial chromaticity
910505102999	RS321B 17S/PC930 WIA-E HMB WH	(0.422, 0.386) SDCM <2
910505104502	RS321B 20S/PW940 DIA-E HMB WH	(0.374, 0.364) SDCM <2
910505104570	RS321B 20S/PW930 WIA-E HMB WH	(0.422, 0.386) SDCM <2
910505104584	RS321B 7S/830 PSU-E HWB WH	(0.434, 0.403) SDCM <3
910505104585	RS321B 7S/840 PSU-E HVWB WH	(0.382, 0.380) SDCM <3
910505104588	RS321B 12S/830 PSU-E HWB WH	(0.434, 0.403) SDCM <3
910505104589	RS321B 12S/PW930 PSU-E HMB FG WH	(0.422, 0.386) SDCM <2

Polar Wide Diagrams



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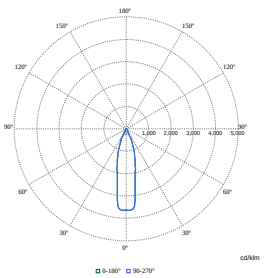

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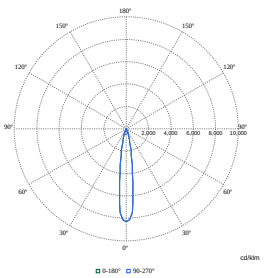

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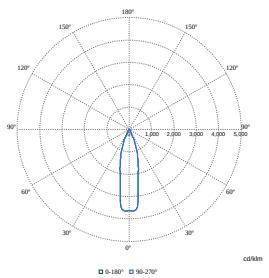

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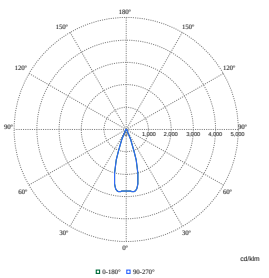

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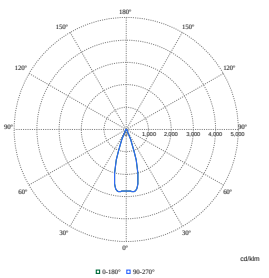

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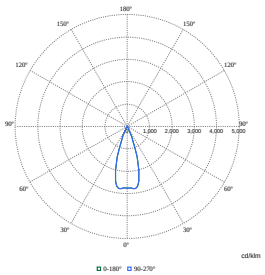
Polar Wide Diagrams



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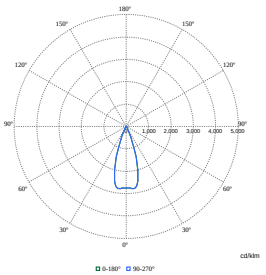

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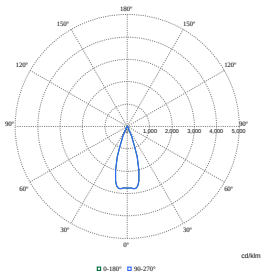

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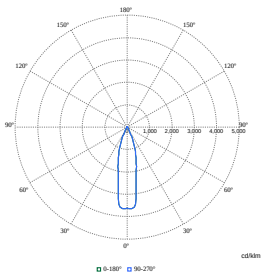

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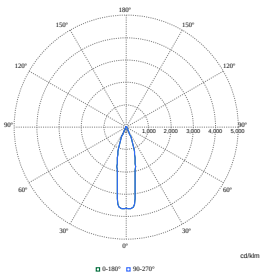

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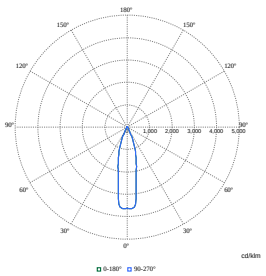

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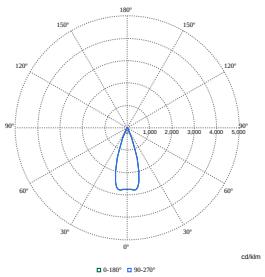

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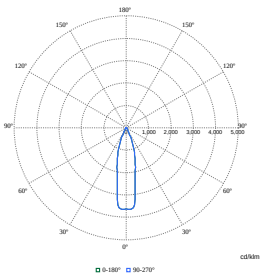

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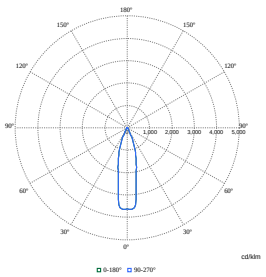

Polar Normal (separate) - RS320BI - 910505104568

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