



# Philips GreenSpace Accent Cardanic Gen2: A serviceable and upgradeable cardanic accent downlight for retail

## GreenSpace Accent Cardanic Gen2

With GreenSpace Accent Cardanic Gen2, retailers and building operators can enjoy the superior quality of light and market-leading energy efficiency of PerfectAccent optics in an affordable and sustainable accent downlighter. Maintenance and upgrades of the driver, LED and optics is easy and requires only standard tools. Because of this, GreenSpace Accent Cardanic Gen2 can support a circular lighting installation. The luminaire's cardanic structure makes aiming the light easy. In addition to dimming options, multiple system integration options are available, including wired and wireless. Fresh food LED lighting recipes are available for prolonged shelf life, better visual representation of food, reduction of food waste and increased sales. Check out our Fashion and Food catalog pages to find out more about our PremiumWhite, PremiumColor, Fresh Meat, Rosé, Frost and Champagne recipes.

### Benefits

- More sparkle and enhanced shopper eye comfort with PerfectAccent optics
- Extend the useful life of the product with easy maintenance and upgrades
- The neutral clean product design helps blend in with the ceiling
- Easy aiming of the light

# GreenSpace Accent Cardanic Gen2

## Features

- Serviceable and upgradeable with standard tools
- Equipped with state-of-the-art PerfectAccent reflector optics
- Reduced carbon footprint due to high efficacy
- Available with fresh food LED lighting recipes and LED flavors
- Wired (DALI) and wireless connectivity options
- Optional front glass (recommended for dusty environments)

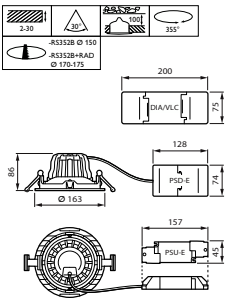
## Application

- Supermarkets and hypermarkets
- Large retail
- Shopping malls

## Warnings and Safety

- All photometrical data is calculated without optional front glass. Flux should be reduced by 3.5% when using front glass.
- Cleaning of the optic should be done only with pressurized air. Touching the LED or reflector is forbidden. For food preparation areas and areas with high levels of dust, we strongly advise the use of the optional front glass, 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 possible only with an insulated glove.

## Dimensional drawing



## Product details



RS353B GreenSpace Accent  
Cardanic White painted



RS353B GreenSpace Accent  
Cardanic White standard

# GreenSpace Accent Cardanic Gen2

## Product details



RS353B GreenSpace Accent  
Cardanic Black standard



GreenSpace Accent Cardanic is  
fully serviceable and upgradeable

General Information	
Driver included	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No
Mechanical and Housing	
Explosion hazard class	-
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	ENEC mark
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.9
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Product Data	
Product family code	RS353B

## Light Technical (1/2)

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
910505102751	RS353B 27S/830 PSU-E WB WH	3000 K	>80	133 lm/W	3,000 lm
910505102752	RS353B 27S/840 PSU-E WB WH	4000 K	>80	138 lm/W	3,100 lm
910505102753	RS353B 27S/CH WIA-E MB FG WH	2700 K	>80	121 lm/W	2,900 lm
910505102755	RS353B 27S/PC930 WIA-E WB FG WH	3000 K	>90	113 lm/W	2,700 lm
910505102758	RS353B 39S/PW930 DIA-VLC-E WB WH	3000 K	>90	126 lm/W	3,900 lm
910505102754	RS353B 27S/FR WIA-E MB FG WH	5000 K	>90	85 lm/W	2,800 lm
910505102756	RS353B 27S/ROSE WIA-E MB FG WH	2200 K	>80	89 lm/W	2,700 lm
910505102750	RS353B 27S/827 PSU-E VWB BK	2700 K	>80	129 lm/W	2,900 lm
910505102757	RS353B 39S/830 WIA-E WB BK	3000 K	>80	129 lm/W	4,000 lm
910505102759	RS353B 39S/PW930 WIA-E WB BK	3000 K	>90	126 lm/W	3,900 lm

## Light Technical (2/2)

GreenSpace Accent Cardanic Gen2

Order Code	Full Product Name	Optic type
910505102751	RS353B 27S/830 PSU-E WB WH	Wide beam
910505102752	RS353B 27S/840 PSU-E WB WH	Wide beam
910505102753	RS353B 27S/CH WIA-E MB FG WH	Medium beam
910505102755	RS353B 27S/PC930 WIA-E WB FG WH	Wide beam
910505102758	RS353B 39S/PW930 DIA-VLC-E WB WH	Wide beam

Order Code	Full Product Name	Optic type
910505102754	RS353B 27S/FR WIA-E MB FG WH	Medium beam
910505102756	RS353B 27S/ROSE WIA-E MB FG WH	Medium beam
910505102750	RS353B 27S/827 PSU-E VWB BK	Very wide beam
910505102757	RS353B 39S/830 WIA-E WB BK	Wide beam
910505102759	RS353B 39S/PW930 WIA-E WB BK	Wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505102751	RS353B 27S/830 PSU-E WB WH	22.5 W
910505102752	RS353B 27S/840 PSU-E WB WH	22.5 W
910505102753	RS353B 27S/CH WIA-E MB FG WH	24 W
910505102755	RS353B 27S/PC930 WIA-E WB FG WH	24 W
910505102758	RS353B 39S/PW930 DIA-VLC-E WB WH	31 W

Order Code	Full Product Name	Power Consumption
910505102754	RS353B 27S/FR WIA-E MB FG WH	33 W
910505102756	RS353B 27S/ROSE WIA-E MB FG WH	30.5 W
910505102750	RS353B 27S/827 PSU-E VWB BK	22.5 W
910505102757	RS353B 39S/830 WIA-E WB BK	31 W
910505102759	RS353B 39S/PW930 WIA-E WB BK	31 W

Controls and Dimming

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
910505102751	RS353B 27S/830 PSU-E WB WH	No	Not applicable
910505102752	RS353B 27S/840 PSU-E WB WH	No	Not applicable
910505102753	RS353B 27S/CH WIA-E MB FG WH	Yes	10%
910505102755	RS353B 27S/PC930 WIA-E WB FG WH	Yes	10%
910505102758	RS353B 39S/PW930 DIA-VLC-E WB WH	Yes	1%

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
910505102754	RS353B 27S/FR WIA-E MB FG WH	Yes	10%
910505102756	RS353B 27S/ROSE WIA-E MB FG WH	Yes	10%
910505102750	RS353B 27S/827 PSU-E VWB BK	No	Not applicable
910505102757	RS353B 39S/830 WIA-E WB BK	Yes	10%
910505102759	RS353B 39S/PW930 WIA-E WB BK	Yes	10%

Mechanical and Housing

Order Code	Full Product Name	Housing Color
910505102751	RS353B 27S/830 PSU-E WB WH	White
910505102752	RS353B 27S/840 PSU-E WB WH	White
910505102753	RS353B 27S/CH WIA-E MB FG WH	White
910505102755	RS353B 27S/PC930 WIA-E WB FG WH	White
910505102758	RS353B 39S/PW930 DIA-VLC-E WB WH	White

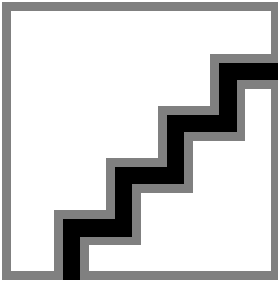
Order Code	Full Product Name	Housing Color
910505102754	RS353B 27S/FR WIA-E MB FG WH	White
910505102756	RS353B 27S/ROSE WIA-E MB FG WH	White
910505102750	RS353B 27S/827 PSU-E VWB BK	Black
910505102757	RS353B 39S/830 WIA-E WB BK	Black
910505102759	RS353B 39S/PW930 WIA-E WB BK	Black

Initial Performance (IEC Compliant)

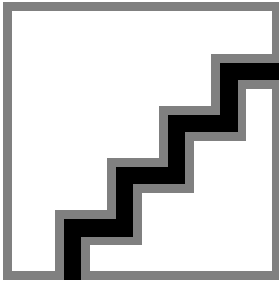
Order Code	Full Product Name	Initial chromaticity
910505102751	RS353B 27S/830 PSU-E WB WH	(0.434, 0.403) SDCM <2
910505102752	RS353B 27S/840 PSU-E WB WH	(0.382, 0.380) SDCM <2
910505102753	RS353B 27S/CH WIA-E MB FG WH	(0.458, 0.410) SDCM <2
910505102755	RS353B 27S/PC930 WIA-E WB FG WH	(0.422, 0.386) SDCM <2
910505102758	RS353B 39S/PW930 DIA-VLC-E WB WH	(0.422, 0.386) SDCM <2

Order Code	Full Product Name	Initial chromaticity
910505102754	RS353B 27S/FR WIA-E MB FG WH	(0.343, 0.331) SDCM <3
910505102756	RS353B 27S/ROSE WIA-E MB FG WH	(0.478, 0.382) SDCM <2
910505102750	RS353B 27S/827 PSU-E VWB BK	(0.458, 0.410) SDCM <2
910505102757	RS353B 39S/830 WIA-E WB BK	(0.434, 0.403) SDCM <2
910505102759	RS353B 39S/PW930 WIA-E WB BK	(0.422, 0.386) SDCM <2

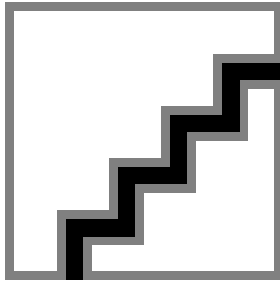
Polar Wide Diagrams



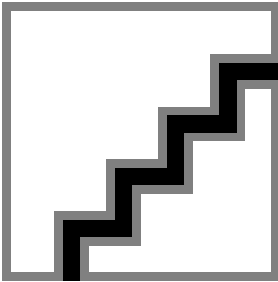
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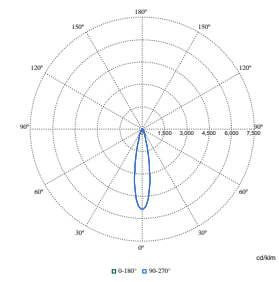
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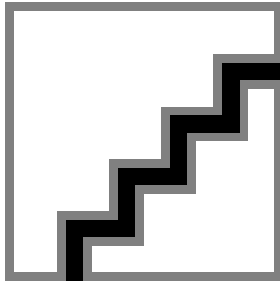
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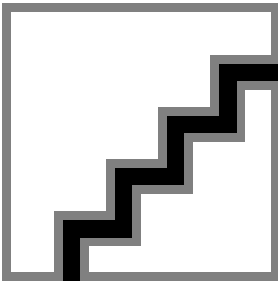
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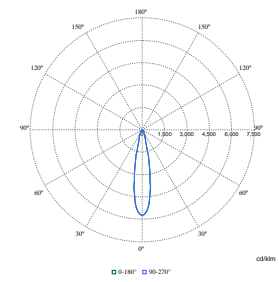
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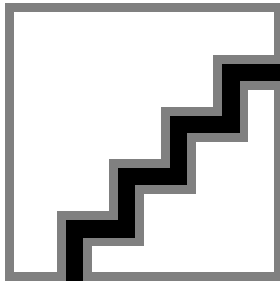
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Polar Normal (separate) - RS353BI - 910505102755

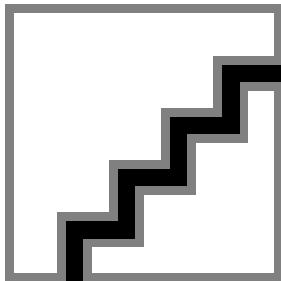


Polar Normal (separate) - RS353BI - 910505102754



Polar Normal (separate) - RS353BI - 910505102751

### Polar Wide Diagrams



Polar Normal (separate) - RS353BI -  
910505102752

