



A flexible and affordable retail toolbox

GreenSpace Accent Cardanic

With 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 Cardanic's regular cut-out and specific lumen packages make retrofit installation quick and easy. For fashion and food retailers, GreenSpace Accent Cardanic 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.

Benefits

- High lumen output from very compact, low-height luminaire
- Cardanic suspension (two separately tilting rings)
- Wide application coverage

Features

- Excellent quality of light enabled by Philips PerfectAccent optics
- High energy efficiency
- Clean and robust design
- One-to-one CDM replacement

Application

- Food and fashion retail

Specifications

GreenSpace Accent Cardanic

Type	RS343B
Ceiling type	Exposed and symmetrical concealed T-bar ceiling and plaster (board) ceiling
Light source	Non-replaceable LED module
Power	1,700 lm - 15 W, 2,700 lm - 27 W, 3,900 lm - 34.5 W at 3,000 K 1,900 lm - 26 W; 2,600 lm - 39 W at FMT
Beam angle	NB (10°), MB (24°), WB (36°)
Luminous flux	1,750, 2,800, 4,000 lm at 3,000 K 1,900, 2,600 lm at FMT 2,700 lm at CH
Correlated Colour	2,500 K (for Fresh Food Champagne CH)
Temperature	2,700 K 3,000 K (for 830, PremiumWhite PW9, CrispWhite CRW, Fresh Food Meat FMT) 4,000 K
Colour Rendering Index	80 for /827 /830 /840 /FMT /CH 90 for /PW9 >95 for /CRW
Lumen maintenance at median useful life* 50,000 h	L80

Control gear failure rate at median useful life 50,000 h	5%
Performance Ambient	+25 °C
Temperature Tq	
Operating temperature range	+10 to +40 °C
Driver	Separate
Mains voltage	230 or 240 V/50-60 Hz
Dimming	Non-dimmable (PSU-E) DALI-dimmable (PSD-E)
Material	Housing: die-cast aluminium
Colour	White (WH, RAL9003), Black (BK, RAL 9004), Silver (SI, RAL9006)
Optic	Metallised polycarbonate
Optical cover	PMMA, clear
Connection	Push-in connector with pull relief (PIP), 3-pole Wieland/Adels plug (CW3), 3-pole Wieland/Adels plug with lock (CW-L)
Installation	Fixed with spring fasteners Through-wiring possible
Accessories	None

Versions



GREENSPACE ACCENT CARDANIC

Product details

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Product details



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Application Conditions	
Suitable for random switching	Yes
Approval and Application	
Mech. impact protection code	IK02
Ingress protection code	IP20
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
Beam angle of light source	120 °
Cap base	-
CE mark	CE mark
Protection class IEC	Safety class II (II)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Gear	-
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Product family code	RS343B
UL mark	-
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Order Code	Full Product Name	Driver failure rate at 5,000 hours
16797400	RS343B LED19S/FMT PSU-E WB WH	-
16803200	RS343B LED27S/PW930 PSU-E WB II WH	-
16804900	RS343B LED39S/PW930 PSU-E WB II WH	-
16805600	RS343B LED27S/PW930 PSU-E MB II WH CW-L	-
16806300	RS343B LED39S/PW930 PSU-E WB II WH CW-L	-
16807000	RS343B LED27S/PW930 PSD-VLC-E MB II WH C	-
16809400	RS343B LED27S/827 PSU-E MB WH	-
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	-
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	-
41165700	RS343B LED27S/PC930 PSU-E MB WH	0.05 %
41166400	RS343B LED39S/PC930 PSU-E MB WH	0.05 %

Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
16797400	RS343B LED19S/FMT PSU-E WB WH	+10 to +35 °C	Not applicable
16803200	RS343B LED27S/PW930 PSU-E WB II WH	+10 to +25 °C	-
16804900	RS343B LED39S/PW930 PSU-E WB II WH	+10 to +25 °C	-

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
16805600	RS343B LED27S/PW930 PSU-E MB II WH CW-L	+10 to +25 °C	-
16806300	RS343B LED39S/PW930 PSU-E WB II WH CW-L	+10 to +25 °C	-
16807000	RS343B LED27S/PW930 PSD-VLC-E MB II WH C	+10 to +25 °C	1%

GreenSpace Accent Cardanic

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
16809400	RS343B LED27S/827 PSU-E MB WH	+10 to +25 °C	-
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	+10 to +25 °C	-
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	+10 to +25 °C	-

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
41165700	RS343B LED27S/PC930 PSU-E MB WH	+10 to +25 °C	-
41166400	RS343B LED39S/PC930 PSU-E MB WH	+10 to +40 °C	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
16797400	RS343B LED19S/FMT PSU-E WB WH	No
16803200	RS343B LED27S/PW930 PSU-E WB II WH	No
16804900	RS343B LED39S/PW930 PSU-E WB II WH	No
16805600	RS343B LED27S/PW930 PSU-E MB II WH CW-L	No
16806300	RS343B LED39S/PW930 PSU-E WB II WH CW-L	No
16807000	RS343B LED27S/PW930 PSD-VLC-E MB II WH C	Yes

Order Code	Full Product Name	Dimmable
16809400	RS343B LED27S/827 PSU-E MB WH	No
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	No
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	No
41165700	RS343B LED27S/PC930 PSU-E MB WH	No
41166400	RS343B LED39S/PC930 PSU-E MB WH	Yes

General Information (1/2)

Order Code	Full Product Name	Optical cover/lens type	Glare-shielding accessories	Glow-wire test	Lamp family code
16797400	RS343B LED19S/FMT PSU-E WB WH	PCO-SAT	-	650/30	LED19S
16803200	RS343B LED27S/PW930 PSU-E WB II WH	PCO-SAT	-	650/30	LED27S
16804900	RS343B LED39S/PW930 PSU-E WB II WH	PCO-SAT	-	650/30	LED39S
16805600	RS343B LED27S/PW930 PSU-E MB II WH CW-L	PCO-SAT	-	650/30	LED27S
16806300	RS343B LED39S/PW930 PSU-E WB II WH CW-L	PCO-SAT	-	650/30	LED39S

Order Code	Full Product Name	Optical cover/lens type	Glare-shielding accessories	Glow-wire test	Lamp family code
16807000	RS343B LED27S/PW930 PSD-VLC-E MB II WH C	PCO-SAT	-	650/30	LED27S
16809400	RS343B LED27S/827 PSU-E MB WH	PCO-SAT	-	650/30	LED27S
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	PCO-SAT	-	650/30	LED39S
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	PCO-SAT	-	650/30	LED27S
41165700	RS343B LED27S/PC930 PSU-E MB WH	PCO-SAT	No	650/30	LED27S
41166400	RS343B LED39S/PC930 PSU-E MB WH	No	No	650/5	LED39S

General Information (2/2)

Order Code	Full Product Name	Optic type
16797400	RS343B LED19S/FMT PSU-E WB WH	WB
16803200	RS343B LED27S/PW930 PSU-E WB II WH	WB
16804900	RS343B LED39S/PW930 PSU-E WB II WH	WB
16805600	RS343B LED27S/PW930 PSU-E MB II WH CW-L	MB
16806300	RS343B LED39S/PW930 PSU-E WB II WH CW-L	WB
16807000	RS343B LED27S/PW930 PSD-VLC-E MB II WH C	MB

Order Code	Full Product Name	Optic type
16809400	RS343B LED27S/827 PSU-E MB WH	MB
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	MB
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	WB
41165700	RS343B LED27S/PC930 PSU-E MB WH	WB
41166400	RS343B LED39S/PC930 PSU-E MB WH	MB

Initial Performance (IEC Compliant) (1/2)

GreenSpace Accent Cardanic

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering	
				Initial LED luminaire efficacy	Initial LED luminaire efficacy
16797400	RS343B LED19S/FMT PSU-E WB WH	(0.406, 0.350)	3000 K	≥85	86 lm/W
16803200	RS343B LED27S/PW930 PSU-E WB II WH	(0.4220, 0.3860)	3000 K	≥90	105.88235294117646 lm/W
16804900	RS343B LED39S/PW930 PSU-E WB II WH	(0.4220, 0.3860)	3000 K	≥90	101.2987012987013 lm/W
16805600	RS343B LED27S/PW930 PSU-E MB II WH CW-L	(0.4220, 0.3860)	3000 K	≥90	105.88235294117646 lm/W
16806300	RS343B LED39S/PW930 PSU-E WB II WH CW-L	(0.4220, 0.3860)	3000 K	≥90	101.2987012987013 lm/W
16807000	RS343B LED27S/PW930	(0.4220, 0.3860)	3000 K	≥90	105.88235294117646 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering	
				Initial LED luminaire efficacy	Initial LED luminaire efficacy
	PSD-VLC-E MB II WH C				
16809400	RS343B LED27S/827 PSU-E MB WH	(0.4578, 0.4101)	2700 K	≥80	110.63829787234043 lm/W
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	(0.4338, 0.4030)	3000 K	≥80	123.80952380952381 lm/W
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	(0.4220, 0.3860)	3000 K	≥90	105.88235294117646 lm/W
41165700	RS343B LED27S/PC930 PSU-E MB WH	(0.422, 0.386)	3000 K	≥90	90 lm/W
41166400	RS343B LED39S/PC930 PSU-E MB WH	(0.43, 0.40)	3000 K	≥90	95.1219512195122 lm/W

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial luminous flux	Initial input power
16797400	RS343B LED19S/FMT PSU-E WB WH	1900 lm	22 W
16803200	RS343B LED27S/PW930 PSU-E WB II WH	2700 lm	25.5 W
16804900	RS343B LED39S/PW930 PSU-E WB II WH	3900 lm	38.5 W
16805600	RS343B LED27S/PW930 PSU-E MB II WH CW-L	2700 lm	25.5 W
16806300	RS343B LED39S/PW930 PSU-E WB II WH CW-L	3900 lm	38.5 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
16807000	RS343B LED27S/PW930 PSD-VLC-E MB II WH C	2700 lm	25.5 W
16809400	RS343B LED27S/827 PSU-E MB WH	2600 lm	23.5 W
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	3900 lm	31.5 W
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	2700 lm	25.5 W
41165700	RS343B LED27S/PC930 PSU-E MB WH	2700 lm	30 W
41166400	RS343B LED39S/PC930 PSU-E MB WH	3900 lm	41 W

Mechanical and Housing

Order Code	Full Product Name	Colour
16797400	RS343B LED19S/FMT PSU-E WB WH	White RAL 9003

Order Code	Full Product Name	Colour
16803200	RS343B LED27S/PW930 PSU-E WB II WH	White

GreenSpace Accent Cardanic

Order Code	Full Product Name	Colour
16804900	RS343B LED39S/PW930 PSU-E WB II WH	White
16805600	RS343B LED27S/PW930 PSU-E MB II WH CW-L	White
16806300	RS343B LED39S/PW930 PSU-E WB II WH CW-L	White
16807000	RS343B LED27S/PW930 PSD-VLC-E MB II WH C	White
16809400	RS343B LED27S/827 PSU-E MB WH	White

Order Code	Full Product Name	Colour
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	White
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	White
41165700	RS343B LED27S/PC930 PSU-E MB WH	White
41166400	RS343B LED39S/PC930 PSU-E MB WH	White

