



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

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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

Optical cover/lens type PCO-SAT

Driver included Yes

ENEC mark ENEC mark

Flammability mark F

Gear -

Glow-wire test Temperature 650 °C, duration 30 s

Light source replaceable No

Number of gear units 1 unit

Number of light sources 1

Product family code RS343B

UL mark No

Initial Performance (IEC Compliant)

Luminous flux tolerance +/-10%

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Order Code	Full Product Name	Driver failure rate at 5,000 hours
16471300	RS343B LED27S/PW930 PSU-E MB II WH	-
16473700	RS343B LED39S/830 PSU-E WB II WH	0.05 %
16475100	RS343B LED27S/FMT PSU-E MB II WH	-
16546800	RS343B LED27S/830 PSU-E MB WH	-
16547500	RS343B LED27S/840 PSU-E MB II WH	-
16793600	RS343B LED17S/830 PSU-E WB WH	-
16794300	RS343B LED17S/840 PSU-E WB WH	-
16795000	RS343B LED27S/830 PSU-E WB WH	-
16796700	RS343B LED27S/840 PSU-E WB II WH	-
16797400	RS343B LED19S/FMT PSU-E WB WH	-
16801800	RS343B LED39S/840 PSU-E WB II WH	-
16802500	RS343B LED17S/PW930 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	-
16808700	RS343B LED39S/PW930 PSD-VLC-E WB II WH C	-
16809400	RS343B LED27S/827 PSU-E MB WH	-
16810000	RS343B LED39S/827 PSU-E WB II WH	-
16812400	RS343B LED27S/830 PSD-VLC-E MB WH CW-L	-
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	-
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	-
16817900	RS343B LED39S/830 PSU-E WB II WH CW-L	-

Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
16471300	RS343B LED27S/PW930 PSU-E MB II WH	+10 to +25 °C	-

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
16473700	RS343B LED39S/830 PSU-E WB II WH	+10 to +25 °C	-

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Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
16475100	RS343B LED27S/FMT PSU-E MB II WH	+10 to +35 °C	Not applicable
16546800	RS343B LED27S/830 PSU-E MB WH	+10 to +25 °C	-
16547500	RS343B LED27S/840 PSU-E MB II WH	+10 to +25 °C	-
16793600	RS343B LED17S/830 PSU-E WB WH	+10 to +25 °C	-
16794300	RS343B LED17S/840 PSU-E WB WH	+10 to +25 °C	-
16795000	RS343B LED27S/830 PSU-E WB WH	+10 to +25 °C	-
16796700	RS343B LED27S/840 PSU-E WB II WH	+10 to +25 °C	-
16797400	RS343B LED19S/FMT PSU-E WB WH	+10 to +35 °C	Not applicable
16801800	RS343B LED39S/840 PSU-E WB II WH	+10 to +25 °C	-
16802500	RS343B LED17S/PW930 PSU-E WB WH	+10 to +25 °C	-
16803200	RS343B LED27S/PW930 PSU-E WB II WH	+10 to +25 °C	-

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
16804900	RS343B LED39S/PW930 PSU-E WB II WH	+10 to +25 °C	-
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%
16808700	RS343B LED39S/PW930 PSD-VLC-E WB II WH C	+10 to +25 °C	1%
16809400	RS343B LED27S/827 PSU-E MB WH	+10 to +25 °C	-
16810000	RS343B LED39S/827 PSU-E WB II WH	+10 to +25 °C	-
16812400	RS343B LED27S/830 PSD-VLC-E MB WH CW-L	+10 to +25 °C	1%
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	-
16817900	RS343B LED39S/830 PSU-E WB II WH CW-L	+10 to +25 °C	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
16471300	RS343B LED27S/PW930 PSU-E MB II WH	No
16473700	RS343B LED39S/830 PSU-E WB II WH	No
16475100	RS343B LED27S/FMT PSU-E MB II WH	No
16546800	RS343B LED27S/830 PSU-E MB WH	No
16547500	RS343B LED27S/840 PSU-E MB II WH	No
16793600	RS343B LED17S/830 PSU-E WB WH	No
16794300	RS343B LED17S/840 PSU-E WB WH	No
16795000	RS343B LED27S/830 PSU-E WB WH	No
16796700	RS343B LED27S/840 PSU-E WB II WH	No
16797400	RS343B LED19S/FMT PSU-E WB WH	No
16801800	RS343B LED39S/840 PSU-E WB II WH	No
16802500	RS343B LED17S/PW930 PSU-E WB WH	No

Order Code	Full Product Name	Dimmable
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
16808700	RS343B LED39S/PW930 PSD-VLC-E WB II WH C	Yes
16809400	RS343B LED27S/827 PSU-E MB WH	No
16810000	RS343B LED39S/827 PSU-E WB II WH	No
16812400	RS343B LED27S/830 PSD-VLC-E MB WH CW-L	Yes
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	No
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	No
16817900	RS343B LED39S/830 PSU-E WB II WH CW-L	No

General Information

Order Code	Full Product Name	Glare-shielding accessories	Lamp family code	Optic type
16471300	RS343B LED27S/PW930 PSU-E MB II WH	-	LED27S	MB
16473700	RS343B LED39S/830 PSU-E WB II WH	No	LED39S	WB

Order Code	Full Product Name	Glare-shielding accessories	Lamp family code	Optic type
16475100	RS343B LED27S/FMT PSU-E MB II WH	-	LED26S	MB
16546800	RS343B LED27S/830 PSU-E MB WH	-	LED27S	MB

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Order Code	Full Product Name	Glare-shielding accessories	Lamp family code	Optic type
16547500	RS343B LED27S/840 PSU-E MB II WH	-	LED27S	MB
16793600	RS343B LED17S/830 PSU-E WB WH	-	LED17S	WB
16794300	RS343B LED17S/840 PSU-E WB WH	-	LED17S	WB
16795000	RS343B LED27S/830 PSU-E WB WH	-	LED27S	WB
16796700	RS343B LED27S/840 PSU-E WB II WH	-	LED27S	WB
16797400	RS343B LED19S/FMT PSU-E WB WH	-	LED19S	WB
16801800	RS343B LED39S/840 PSU-E WB II WH	-	LED39S	WB
16802500	RS343B LED17S/PW930 PSU-E WB WH	-	LED17S	WB
16803200	RS343B LED27S/PW930 PSU-E WB II WH	-	LED27S	WB
16804900	RS343B LED39S/PW930 PSU-E WB II WH	-	LED39S	WB

Order Code	Full Product Name	Glare-shielding accessories	Lamp family code	Optic type
16805600	RS343B LED27S/PW930 PSU-E MB II WH CW-L	-	LED27S	MB
16806300	RS343B LED39S/PW930 PSU-E WB II WH CW-L	-	LED39S	WB
16807000	RS343B LED27S/PW930 PSD-VLC-E MB II WH C	-	LED27S	MB
16808700	RS343B LED39S/PW930 PSD-VLC-E WB II WH C	-	LED39S	WB
16809400	RS343B LED27S/827 PSU-E MB WH	-	LED27S	MB
16810000	RS343B LED39S/827 PSU-E WB II WH	-	LED39S	WB
16812400	RS343B LED27S/830 PSD-VLC-E MB WH CW-L	-	LED27S	MB
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	-	LED39S	MB
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	-	LED27S	WB
16817900	RS343B LED39S/830 PSU-E WB II WH CW-L	-	LED39S	WB

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy
16471300	RS343B LED27S/PW930 PSU-E MB II WH	(0.4220, 0.3860)	3000 K	≥90	105.88235294117646 lm/W
16473700	RS343B LED39S/830 PSU-E WB II WH	(0.4338, 0.4030)	3000 K	≥80	123.80952380952381 lm/W
16475100	RS343B LED27S/FMT PSU-E MB II WH	(0.406, 0.350)	3000 K SDCM<3	≥85	77 lm/W
16546800	RS343B LED27S/830 PSU-E MB WH	(0.4338, 0.4030)	3000 K	≥80	114.8936170212766 lm/W
16547500	RS343B LED27S/840 PSU-E MB II WH	(0.3818, 0.3797)	4000 K	≥80	119.14893617021276 lm/W
16793600	RS343B LED17S/830 PSU-E WB WH	(0.4338, 0.4030)	3000 K	≥80	118.05555555555556 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy
16794300	RS343B LED17S/840 PSU-E WB WH	(0.3818, 0.3797)	4000 K	≥80	125 lm/W
16795000	RS343B LED27S/830 PSU-E WB WH	(0.4338, 0.4030)	3000 K	≥80	114.8936170212766 lm/W
16796700	RS343B LED27S/840 PSU-E WB II WH	(0.3818, 0.3797)	4000 K	≥80	119.14893617021276 lm/W
16797400	RS343B LED19S/FMT PSU-E WB WH	(0.406, 0.350)	3000 K SDCM<3	≥85	86 lm/W
16801800	RS343B LED39S/840 PSU-E WB II WH	(0.3818, 0.3797)	4000 K	≥80	120.63492063492063 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy
16802500	RS343B LED17S/PW930 PSU-E WB WH	(0.4220, 0.3860)	3000 K	≥90	103.65853658536587 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 PSD-VLC-E MB II WH C	(0.4220, 0.3860)	3000 K	≥90	105.88235294117646 lm/W
16808700	RS343B LED39S/PW930 PSD-VLC-E WB II WH C	(0.4220, 0.3860)	3000 K	≥90	101.2987012987013 lm/W

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial luminous flux	Initial input power
16471300	RS343B LED27S/PW930 PSU-E MB II WH	2700 lm	25.5 W
16473700	RS343B LED39S/830 PSU-E WB II WH	3900 lm	31.5 W
16475100	RS343B LED27S/FMT PSU-E MB II WH	2700 lm	35 W
16546800	RS343B LED27S/830 PSU-E MB WH	2700 lm	23.5 W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy
16809400	RS343B LED27S/27 PSU-E MB WH	(0.4578, 0.4101)	2700 K	≥80	110.63829787234043 lm/W
16810000	RS343B LED39S/27 PSU-E WB II WH	(0.4578, 0.4101)	2700 K	≥80	119.04761904761905 lm/W
16812400	RS343B LED27S/30 PSD-VLC-E MB WH CW-L	(0.4338, 0.4030)	3000 K	≥80	114.8936170212766 lm/W
16813100	RS343B LED39S/30 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
16817900	RS343B LED39S/30 PSU-E WB II WH CW-L	(0.4338, 0.4030)	3000 K	≥80	123.80952380952381 lm/W

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Order Code	Full Product Name	Initial luminous flux	Initial input power
16797400	RS343B LED19S/FMT PSU-E WB WH	1900 lm	22 W
16801800	RS343B LED39S/840 PSU-E WB II WH	3800 lm	31.5 W
16802500	RS343B LED17S/PW930 PSU-E WB WH	1700 lm	16.4 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
16807000	RS343B LED27S/PW930 PSD-VLC-E MB II WH C	2700 lm	25.5 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
16808700	RS343B LED39S/PW930 PSD-VLC-E WB II WH C	3900 lm	38.5 W
16809400	RS343B LED27S/827 PSU-E MB WH	2600 lm	23.5 W
16810000	RS343B LED39S/827 PSU-E WB II WH	3750 lm	31.5 W
16812400	RS343B LED27S/830 PSD-VLC-E MB WH CW-L	2700 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
16817900	RS343B LED39S/830 PSU-E WB II WH CW-L	3900 lm	31.5 W

Mechanical and Housing

Order Code	Full Product Name	Colour
16471300	RS343B LED27S/PW930 PSU-E MB II WH	White
16473700	RS343B LED39S/830 PSU-E WB II WH	White
16475100	RS343B LED27S/FMT PSU-E MB II WH	White RAL 9003
16546800	RS343B LED27S/830 PSU-E MB WH	White
16547500	RS343B LED27S/840 PSU-E MB II WH	White
16793600	RS343B LED17S/830 PSU-E WB WH	White
16794300	RS343B LED17S/840 PSU-E WB WH	White
16795000	RS343B LED27S/830 PSU-E WB WH	White
16796700	RS343B LED27S/840 PSU-E WB II WH	White
16797400	RS343B LED19S/FMT PSU-E WB WH	White RAL 9003
16801800	RS343B LED39S/840 PSU-E WB II WH	White
16802500	RS343B LED17S/PW930 PSU-E WB WH	White

Order Code	Full Product Name	Colour
16803200	RS343B LED27S/PW930 PSU-E WB II WH	White
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
16808700	RS343B LED39S/PW930 PSD-VLC-E WB II WH C	White
16809400	RS343B LED27S/827 PSU-E MB WH	White
16810000	RS343B LED39S/827 PSU-E WB II WH	White
16812400	RS343B LED27S/830 PSD-VLC-E MB WH CW-L	White
16813100	RS343B LED39S/830 PSU-E MB II WH CW-L	White
16816200	RS343B LED27S/PW930 PSU-E WB II WH CW-L	White
16817900	RS343B LED39S/830 PSU-E WB II WH CW-L	White

