



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	1700 lm - 15 W, 2700 lm - 27 W, 3900 lm - 34.5W at 3000 K 1900 lm - 26 W; 2600 lm - 39 W at FMT
Beam angle	NB (10°), MB (24°), WB (36°)
Luminous flux	1750, 2800, 4000 lm at 3000 K 1900, 2600 lm at FMT 2700 lm at CH
Correlated Color	2500 K (for Fresh Food Champagne CH)
Temperature	2700 K 3000 K (for 830, PremiumWhite PW9, CrispWhite CRW, Fresh Food Meat FMT) 4000 K
Color Rendering Index	80 for /827 /830 /840 /FMT /CH 90 for /PW9 >95 for /CRW
Lumen maintenance at median useful life*	L80
50000 h	

Control gear failure rate at median useful life	5%
50000 h	
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 aluminum
Color	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	Fixation by means of spring fasteners Through-wiring possible
Accessories	None

Versions



GreenSpace Accent Cardanic
RS343B spotlight

Product details



GreenSpace Accent Cardanic,
extracted



GreenSpace Accent Cardanic, fully
recessed

GreenSpace Accent Cardanic

Product details



GreenSpace Accent Cardanic, back view



GreenSpace Accent Cardanic, front face

Application Conditions

Ambient temperature range	+10 to +25 °C
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
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General Information

Beam angle of light source	120 °
Cap-Base	-
CE mark	CE mark
Protection class IEC	Safety class II (II)
Optical cover/lens type	PCO-SAT
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Gear	-
Glow-wire test	650/30
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)

Init. Color Rendering Index	≥80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Color	White
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Application Conditions

Order Code	Full Product Name	Maximum dim level
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	-
16801800	RS343B LED39S/840 PSU-E WB II WH	-
16812400	RS343B LED27S/830 PSD-VLC-E MB WH CW-L	1%
16817900	RS343B LED39S/830 PSU-E WB II WH CW-L	-

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
16546800	RS343B LED27S/830 PSU-E MB WH	No	16547500	RS343B LED27S/840 PSU-E MB II WH	No

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Order Code	Full Product Name	Dimmable
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

Order Code	Full Product Name	Dimmable
16801800	RS343B LED39S/840 PSU-E WB II WH	No
16812400	RS343B LED27S/830 PSD-VLC-E MB WH CW-L	Yes
16817900	RS343B LED39S/830 PSU-E WB II WH CW-L	No

General Information

Order Code	Full Product Name	Lamp family	
		code	Optic type
16546800	RS343B LED27S/830 PSU-E MB WH	LED27S	MB
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

Order Code	Full Product Name	Lamp family	
		code	Optic type
16796700	RS343B LED27S/840 PSU-E WB II WH	LED27S	WB
16801800	RS343B LED39S/840 PSU-E WB II WH	LED39S	WB
16812400	RS343B LED27S/830 PSD-VLC-E MB WH CW-L	LED27S	MB
16817900	RS343B LED39S/830 PSU-E WB II WH CW-L	LED39S	WB

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Init. Corr.		Initial LED luminaire efficacy	Initial luminous flux
		Initial chromaticity	Color Temperature		
16546800	RS343B LED27S/830 PSU-E MB WH	(0.4338, 0.4030)	3000 K	114.8936170212766 lm/W	2700 lm

Order Code	Full Product Name	Init. Corr.		Initial LED luminaire efficacy	Initial luminous flux
		Initial chromaticity	Color Temperature		
16796700	RS343B LED27S/840 PSU-E WB II WH	(0.3818, 0.3797)	4000 K	119.14893617021276 lm/W	2800 lm

Initial Performance (IEC Compliant) (2/2)

16547500	RS343B LED27S/840 PSU-E MB II WH	(0.3818, 0.3797)	4000 K	119.14893617021276 lm/W	2800 lm
16793600	RS343B LED17S/830 PSU-E WB WH	(0.4338, 0.4030)	3000 K	118.05555555555556 lm/W	1700 lm
16794300	RS343B LED17S/840 PSU-E WB WH	(0.3818, 0.3797)	4000 K	125 lm/W	1800 lm
16795000	RS343B LED27S/830 PSU-E WB WH	(0.4338, 0.4030)	3000 K	114.8936170212766 lm/W	2700 lm

16801800	RS343B LED39S/840 PSU-E WB II WH	(0.3818, 0.3797)	4000 K	120.63492063492063 lm/W	3800 lm
16812400	RS343B LED27S/830 PSD-VLC-E MB WH CW-L	(0.4338, 0.4030)	3000 K	114.8936170212766 lm/W	2700 lm
16817900	RS343B LED39S/830 PSU-E WB II WH CW-L	(0.4338, 0.4030)	3000 K	123.80952380952381 lm/W	3900 lm

