



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



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RS343B-DP01.tif



GreenSpace_Accent_Cardanic-
RS343B-DP01.tif

GreenSpace Accent Cardanic

Product details



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RS343B-DP01.tif



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RS343B-DP01.tif

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 |
|---------------|--------------|

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 |
|-------|-------|

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 | Initial Chromaticity | Init. Corr. Color Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|------------|-------------------------------|----------------------|-------------------------------|--------------------------------|-----------------------|
| | | | | | |
| 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 | Initial Chromaticity | Init. Corr. Color Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|------------|----------------------------------|----------------------|-------------------------------|--------------------------------|-----------------------|
| | | | | | |
| 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 | 118.0555555555556 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 |

