



High-performance LED Elbow spot

LuxSpace Accent Compact Elbow

Retailers are increasingly having to contend with rising energy prices. At the same time, they need to retain the quality of light they are used to, flexibility in architectural integration, and the right light effects to catch the customer's eye. Last but not least, they need future-proof solutions that will enable them to implement differentiating concepts in their store. Delivering high-quality light, punch in the beam and outstanding luminous efficacy, LuxSpace Accent is the ideal energy-efficient solution for today's demanding retail environments. Featuring an extremely compact and unobtrusive form factor, LuxSpace Accent Compact Elbow offers strong optical performance, as well as full aiming options. For fashion and food retailers, it is available with special light flavors and LED recipes to show the clothes and fresh food produce on offer in the very best light.

Benefits

- Very compact look and feel
- Strong optical performance

Features

- Combination of high flux with very small, passively cooled housing
- Improved PerfectBeam reflectors
- Dedicated light flavors and LED recipes
- 80° tilt angle

Application

- Food and fashion retail

Specifications

| | |
|--------------|----------------------------|
| Type | RS742B |
| Light Source | Non-replaceable LED module |

| | |
|-------|-----------------------|
| Power | NB (LED15S CRW): 26 W |
| | NB (LED20S): 25.5 W |

LuxSpace Accent Compact Elbow

| | |
|---|--|
| | MB, WB, VWB (LED12S): 6.6 to 14.6 W (depending on light color) |
| | MB, WB, VWB (LED17S): 13 to 21 W (depending on light color) |
| | MB, WB, VWB (LED19S FMT-Rosé): 31 W |
| | MB, WB, VWB (LED26S FMT-Rosé): 49.5 W |
| | MB, WB, VWB (LED27S): 21 to 51 W (depending on light color) |
| | MB, WB, VWB (LED39S): 31 to 38.5W (depending on light color) |
| Beam angle | NB (10°) |
| | MB (28°, ±2° depending on lumen package) |
| | WB (36°, ±2° depending on lumen package) |
| | VWB (60°, ±2° depending on lumen package) |
| | LIN (oval lens) |
| Luminous flux | NB (LED15S CRW): 1550 lm |
| | NB (LED20S): 2000 to 2400 lm (depending on light color) |
| | MB, WB, VWB (LED12S): 1200 lm |
| | MB, WB, VWB (LED17S): 1700 lm |
| | MB, WB, VWB (LED19S FMT-Rosé): 1900 lm |
| | MB, WB, VWB (LED26S FMT-Rosé): 2600 lm |
| | MB, WB, VWB (LED27S): 2700 lm |
| | MB, WB, VWB (LED39S): 3900 lm |
| Correlated Color | 2700, 3000, 4000 K |
| Temperature | |
| Color Rendering Index | 80 |
| | 90 |
| Lumen maintenance at median useful life* | L80 |
| 50000 h | |

| | |
|------------------------------------|---|
| Control gear failure rate | 5% |
| at median useful life | |
| 50000 h | |
| Performance Ambient | +25 °C |
| Temperature Tq | |
| Operating temperature range | +10 to +35 °C |
| Driver | Built-in |
| Mains voltage | 230 or 240 V / 50 - 60 Hz |
| Dimming | DALI |
| Material | Housing: die-cast aluminum Light cover: acrylic or glass Optic: plastic |
| Color | Black (BK, RAL9004) White (WH, RAL9003) Grey, (SI, RAL9006) Other RAL colors available on request |
| Optical cover | Curved glass (narrow beam) Acrylic (other beams) |
| Connection | Push-in connector (PI) or with pull relief (PIP) Wieland/Adels push-in connector, 3-pole mains (and 2-pole control signal) (W) |
| Installation | Fixation by means of spring fasteners |

Versions



LuxSpace Accent Compact Elbow
RS742B recessed spotlight



LuxSpace Accent Compact Elbow
RS742B recessed spotlight



LuxSpace Accent Compact Elbow
RS742B recessed spotlight

LuxSpace Accent Compact Elbow

Product details



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LuxSpace_Accent_Compact_Elbo
w_RS742B_WH-DP02.tif



LuxSpace_Accent_Compact_Elbo
w_RS742B_WH-DP03.tif



LuxSpace_Accent_Compact_Elbo
w_RS742B_WH-DP04.tif



LuxSpace_Accent_Compact_Elbo
w_RS742B_WH-DP05.tif

LuxSpace Accent Compact Elbow

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 ° |
| CE mark | CE mark |
| Protection class IEC | Safety class II |
| Optical cover/lens type | - |
| Driver included | Yes |
| ENEC mark | ENEC mark |
| Flammability mark | For mounting on normally flammable surfaces |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Number of light sources | 1 pc |
| Product Family Code | RS742B |

Initial Performance (IEC Compliant)

| | |
|-------------------------|--------|
| Luminous flux tolerance | +/-10% |
|-------------------------|--------|

Application Conditions

| Order Code | Full Product Name | Ambient temperature range | Maximum dim level | Suitable for random switching |
|--------------|-------------------------------------|---------------------------|-------------------|-------------------------------|
| 910500459490 | RS742B LED17S/830 PSU-E WB WH | +10 to +40 °C | - | Yes |
| 910500459493 | RS742B LED27S/FMT PSU-E VWB WH | +10 to +35 °C | Not applicable | No |
| 910500459496 | RS742B LED39S/830 PSED-VLC-E VWB WH | +10 to +40 °C | 1% | Yes |
| 910500459497 | RS742B LED39S/PW930 PSU-E WB WH | +10 to +40 °C | - | No |
| 910500465697 | RS742B LED27S/PC930 PSU-E MB WH | +10 to +40 °C | - | Yes |
| 910500465698 | RS742B LED39S/PC930 PSU-E MB WH | +10 to +40 °C | - | Yes |
| 910500459491 | RS742B LED19S/FMT PSU-E MB SI | +10 to +35 °C | Not applicable | No |
| 910500459494 | RS742B LED27S/840 PSU-E VWB SI | +10 to +40 °C | - | Yes |
| 910500459492 | RS742B LED20S/827 PSE-E NB BK | +10 to +40 °C | - | Yes |

Controls and Dimming

| Order Code | Full Product Name | Dimmable |
|--------------|-------------------------------------|----------|
| 910500459490 | RS742B LED17S/830 PSU-E WB WH | No |
| 910500459493 | RS742B LED27S/FMT PSU-E VWB WH | No |
| 910500459496 | RS742B LED39S/830 PSED-VLC-E VWB WH | Yes |
| 910500459497 | RS742B LED39S/PW930 PSU-E WB WH | No |
| 910500465697 | RS742B LED27S/PC930 PSU-E MB WH | Yes |

| Order Code | Full Product Name | Dimmable |
|--------------|---------------------------------|----------|
| 910500465698 | RS742B LED39S/PC930 PSU-E MB WH | Yes |
| 910500459491 | RS742B LED19S/FMT PSU-E MB SI | No |
| 910500459494 | RS742B LED27S/840 PSU-E VWB SI | No |
| 910500459492 | RS742B LED20S/827 PSE-E NB BK | No |

General Information (1/2)

| Order Code | Full Product Name | Glare shielding | | | Glow-wire test |
|--------------|-------------------------------------|-----------------|------|-------------|-----------------------------------|
| | | Cap-Base | Gear | accessories | |
| 910500459490 | RS742B LED17S/830 PSU-E WB WH | - | - | - | Temperature 650 °C, duration 5 s |
| 910500459493 | RS742B LED27S/FMT PSU-E VWB WH | - | - | - | Temperature 650 °C, duration 30 s |
| 910500459496 | RS742B LED39S/830 PSED-VLC-E VWB WH | - | - | - | Temperature 650 °C, duration 5 s |

| Order Code | Full Product Name | Glare shielding | | | Glow-wire test |
|--------------|---------------------------------|-----------------|------|-------------|-----------------------------------|
| | | Cap-Base | Gear | accessories | |
| 910500459497 | RS742B LED39S/PW930 PSU-E WB WH | - | - | - | Temperature 650 °C, duration 5 s |
| 910500465697 | RS742B LED27S/PC930 PSU-E MB WH | - | - | - | Temperature 650 °C, duration 5 s |
| 910500465698 | RS742B LED39S/PC930 PSU-E MB WH | - | - | - | Temperature 650 °C, duration 5 s |
| 910500459491 | RS742B LED19S/FMT PSU-E MB SI | - | - | - | Temperature 650 °C, duration 30 s |

LuxSpace Accent Compact Elbow

| Order Code | Full Product Name | Cap- | | | Glare shielding | Glow-wire test |
|--------------|---------------------------------------|------|------|-------------|-----------------|-------------------------------------|
| | | Base | Gear | accessories | | |
| 910500459494 | RS742B LED27S/840 PSU- E VWB SI | - | - | - | | Temperature 650 °C, duration 5 s |

| Order Code | Full Product Name | Cap- | | | Glare shielding | Glow-wire test |
|--------------|--------------------------------------|------|------|-------------|-----------------|-------------------------------------|
| | | Base | Gear | accessories | | |
| 910500459492 | RS742B LED20S/827 PSE- E NB BK | - | - | - | | Temperature 650 °C, duration 5 s |

General Information (2/2)

| Order Code | Full Product Name | Lamp | | | UL mark |
|--------------|---|-------------|-------------------|---|---------|
| | | family code | Optic type | | |
| 910500459490 | RS742B LED17S/830 PSU-E WB WH | LED17S | Wide beam | - | |
| 910500459493 | RS742B LED27S/FMT PSU-E VWB WH | LED26S | Very wide beam | - | |
| 910500459496 | RS742B LED39S/830 PSED- VLC-E VWB WH | LED39S | Very wide beam | - | |
| 910500459497 | RS742B LED39S/PW930 PSU- E WB WH | LED39S | Wide beam | - | |
| 910500465697 | RS742B LED27S/PC930 PSU- E MB WH | LED27S | Medium beam | - | |

| Order Code | Full Product Name | Lamp | | | UL mark |
|--------------|-------------------------------------|-------------|-------------------|---|---------|
| | | family code | Optic type | | |
| 910500465698 | RS742B LED39S/PC930 PSU- E MB WH | LED39S | Medium beam | - | |
| 910500459491 | RS742B LED19S/FMT PSU-E MB SI | LED19S | Medium beam | - | |
| 910500459494 | RS742B LED27S/840 PSU-E VWB SI | LED27S | Very wide beam | - | |
| 910500459492 | RS742B LED20S/827 PSE-E NB BK | LED20S | Narrow beam | - | |

Initial Performance (IEC Compliant) (1/2)

| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Color Temperature | Init. Color Rendering Index | Initial LED luminaire efficacy |
|--------------|---|---------------------------|-------------------------------|-----------------------------|--------------------------------|
| | | | | | |
| 910500459493 | RS742B LED27S/FMT PSU-E VWB WH | (0.406, 0.350) SDCM <3 | 3000 K | ≥85 | 77 lm/W |
| 910500459496 | RS742B LED39S/830 PSED- VLC-E VWB WH | (0.43, 0.40) SDCM <3 | 3000 K | ≥80 | 124 lm/W |
| 910500459497 | RS742B LED39S/PW930 PSU-E WB WH | (0.42, 0.39) SDCM <3 | 3000 K | ≥80 | 101 lm/W |
| 910500465697 | RS742B LED27S/PC930 PSU-E MB WH | (0.43, 0.40) SDCM <3 | 3000 K | ≥90 | 90 lm/W |

| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Color Temperature | Init. Color Rendering Index | Initial LED luminaire efficacy |
|--------------|---------------------------------------|---------------------------|-------------------------------|-----------------------------|--------------------------------|
| | | | | | |
| 910500465698 | RS742B LED39S/PC930 PSU-E MB WH | (0.43, 0.40) SDCM <3 | 3000 K | ≥90 | 95.1219512195122 lm/W |
| 910500459491 | RS742B LED19S/FMT PSU-E MB SI | (0.406, 0.350) SDCM <3 | 3000 K | ≥85 | 86 lm/W |
| 910500459494 | RS742B LED27S/840 PSU-E VWB SI | (0.38, 0.38) SDCM <3 | 4000 K | ≥80 | 133 lm/W |
| 910500459492 | RS742B LED20S/827 PSE-E NB BK | (0.46, 0.41) SDCM <3 | 2700 K | ≥80 | 99 lm/W |

Initial Performance (IEC Compliant) (2/2)

LuxSpace Accent Compact Elbow

| Order Code | Full Product Name | Initial luminous flux | Initial input power |
|--------------|-------------------------------------|-----------------------|---------------------|
| 910500459490 | RS742B LED17S/830 PSU-E WB WH | 1700 lm | 14.4 W |
| 910500459493 | RS742B LED27S/FMT PSU-E VWB WH | 2700 lm | 35 W |
| 910500459496 | RS742B LED39S/830 PSED-VLC-E VWB WH | 3900 lm | 31.5 W |
| 910500459497 | RS742B LED39S/PW930 PSU-E WB WH | 3900 lm | 38.5 W |
| 910500465697 | RS742B LED27S/PC930 PSU-E MB WH | 2700 lm | 30 W |

| Order Code | Full Product Name | Initial luminous flux | Initial input power |
|--------------|---------------------------------|-----------------------|---------------------|
| 910500465698 | RS742B LED39S/PC930 PSU-E MB WH | 3900 lm | 41 W |
| 910500459491 | RS742B LED19S/FMT PSU-E MB SI | 1900 lm | 22 W |
| 910500459494 | RS742B LED27S/840 PSU-E VWB SI | 3000 lm | 22.5 W |
| 910500459492 | RS742B LED20S/827 PSE-E NB BK | 1950 lm | 19.6 W |

Mechanical and Housing

| Order Code | Full Product Name | Color |
|--------------|-------------------------------------|----------------|
| 910500459490 | RS742B LED17S/830 PSU-E WB WH | White |
| 910500459493 | RS742B LED27S/FMT PSU-E VWB WH | White RAL 9003 |
| 910500459496 | RS742B LED39S/830 PSED-VLC-E VWB WH | White |
| 910500459497 | RS742B LED39S/PW930 PSU-E WB WH | White |
| 910500465697 | RS742B LED27S/PC930 PSU-E MB WH | White |

| Order Code | Full Product Name | Color |
|--------------|---------------------------------|-----------------|
| 910500465698 | RS742B LED39S/PC930 PSU-E MB WH | White |
| 910500459491 | RS742B LED19S/FMT PSU-E MB SI | Silver RAL 9006 |
| 910500459494 | RS742B LED27S/840 PSU-E VWB SI | Silver |
| 910500459492 | RS742B LED20S/827 PSE-E NB BK | Black |

