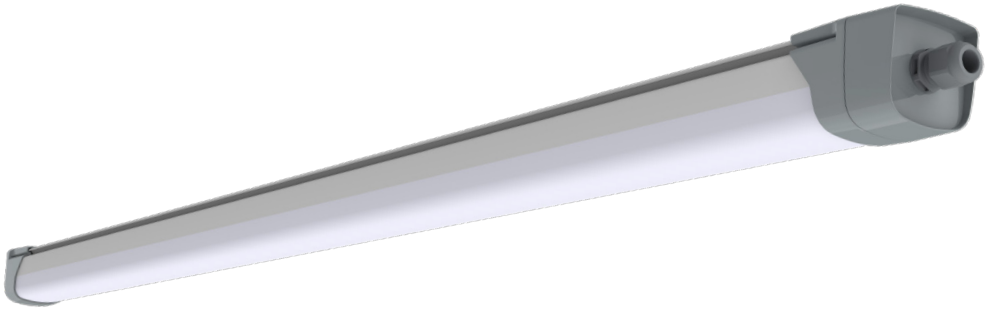
# BELORIA | HE

The beauty of opening, the power to customize



Food · Transport · Warehouse · Smart parking

Indoor · Outdoor under shelter · Suspended · Ceiling mounting · Wall mounting

5 YEARS warranty

+50°C
-25°C

## Benefits

- Extreme durability, flawless design with **IP69(80°) protection.**
- Powerful and efficient light package **up to 167 lm/W** in PMMA and **159 lm/W in PC**, and **10.000 lm.**
- Simplified installation: **tool-free mounting** and **openable system** for an easy component replacement.
- **Adaptive intelligence**, future-ready - it adapts to your project's evolving needs, today and tomorrow.

IP 66
IP 69(80°)

PC: IK 10

PMMA: IK 03

Frequency 0-50/60Hz

Rated voltage 220-240V

NON-SELV

## Characteristics

### Mechanical characteristics

| | |
|---|---|
| Profile | Extruded PMMA with UV protection<br>Extruded polycarbonate with UV protection<br>Upper part grey RAL 7035 |
| End caps | PC versions: Polycarbonate in RAL7046<br>PMMA versions: ASA |
| Gasket | PWIS-free silicone |
| Gear tray | White lacquered steel plate |
| Cable entry | Cable gland M20 |
| Fixing clips | Stainless steel |

### Electrical characteristics

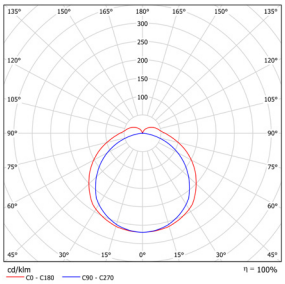
| | |
|---|---|
| Connection | 3/5 pole push wire terminal block |
| THD | < 10% full load |
| Power factor | > 0.95 full load |
| Flicker factor | < 3% |

### Functional characteristics

| | |
|---|---|
| Lifetime | L80B50 (40°C) 100,000h<br>L80B50 (25°C) 105,000h |
| Guarantee | 5 years |
| Fire protection | Glow wire test (EN 60595-2-11): PC: 850°<br>PMMA: 650° |
| Compliance | CE RoHS REACH |

### Photometrical characteristics

| | |
|---|---|
| SDCM | < 3 |



# BELORIA | HE

## Description

| FAMILY | VERSION | LENGTH (mm) | LUMINOUS FLUX (lm) | CRI | LIGHT COLOUR (K) | DRIVER | PROFILE | THROUGH WIRING |
|---|---|---|---|---|---|---|---|---|
| **B3**: BELORIA | **HE:** high efficiency | **6:** 600<br>**12:** 1200<br>**15:** 1500 | **20:** 2000<br>**40:** 4000<br>**60:** 6000<br>**80:** 8000 | **8:** >80 | **40:** 4000 | **ET:** non dimmable<br>**ETDD:** DALI dimmable | **PC:** polycarbonate<br>**PM:** PMMA | 3x1.5mm²<br>5x1.5mm² |
| Special options under request | | | | | | | | |
| Ask our Sales Team for more details | | **3:** 300<br>**9:** 900 | 1000 to 10000 | **9:** 90 | **30:** 3000<br>**50:** 5000<br>**65:** 6500 | ETD: 1-10V dimmable<br>ET CS: Casambi dimmable | | 3x2.5mm²<br>5x2.5mm² |

## Operational data

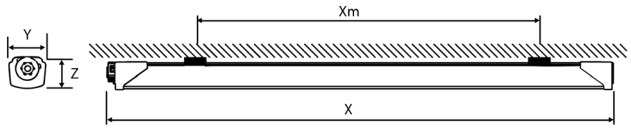
| Description | Order number | Luminous flux (lm) | Power (W) | Efficiency (lm/W) | Colour temperature (K) | CRI | Temperature range |
|---|---|---|---|---|---|---|---|
| B3HE 6 20-840 ET PC | 10520065 | 2000 | 14 | 143 | 4000 | > 80 | -25°C - +50°C |
| B3HE 6 20-840 ETDD PC | 10520066 | 2000 | 14 | 143 | 4000 | > 80 | -25°C - +50°C |
| B3HE 12 40-840 ET PC | 10520067 | 4000 | 27 | 148 | 4000 | > 80 | -25°C - +50°C |
| B3HE 12 40-840 ETDD PC | 10520068 | 4000 | 27 | 148 | 4000 | > 80 | -25°C - +50°C |
| B3HE 12 40-840 ET PC 3x1.5 | 10520069 | 4000 | 27 | 148 | 4000 | > 80 | -25°C - +50°C |
| B3HE 12 40-840 ETDD PC 5x1.5 | 10520070 | 4000 | 27 | 148 | 4000 | > 80 | -25°C - +50°C |
| B3HE 12 40-840 ET PC EB1 | 10520071 | 4000 | 30 | 133 | 4000 | > 80 | -25°C - +45°C |
| B3HE 12 40-840 ET PC EB3 | 10520072 | 4000 | 30 | 133 | 4000 | > 80 | -25°C - +45°C |
| B3HE 12 40-840 ET PC HFS | 10520073 | 4000 | 30 | 133 | 4000 | > 80 | -25°C - +45°C |
| B3HE 12 60-840 ET PC | 10520074 | 6000 | 40 | 150 | 4000 | > 80 | -25°C - +45°C |
| B3HE 12 60-840 ETDD PC | 10520075 | 6000 | 40 | 150 | 4000 | > 80 | -25°C - +45°C |
| B3HE 12 80-840 ET PC | 10520076 | 8000 | 51 | 157 | 4000 | > 80 | -25°C - +45°C |
| B3HE 12 80-840 ETDD PC | 10520077 | 8000 | 51 | 157 | 4000 | > 80 | -25°C - +40°C |
| B3HE 15 60-840 ET PC | 10520078 | 6000 | 40 | 150 | 4000 | > 80 | -25°C - +50°C |
| B3HE 15 60-840 ETDD PC | 10520079 | 6000 | 40 | 150 | 4000 | > 80 | -25°C - +45°C |
| B3HE 15 60-840 ET PC 3x1.5 | 10520080 | 6000 | 40 | 150 | 4000 | > 80 | -25°C - +50°C |
| B3HE 15 60-840 ETDD PC 5x1.5 | 10520081 | 6000 | 40 | 150 | 4000 | > 80 | -25°C - +45°C |
| B3HE 15 60-840 ET PC EB1 | 10520082 | 6000 | 44 | 136 | 4000 | > 80 | -25°C - +45°C |
| B3HE 15 60-840 ET PC EB3 | 10520083 | 6000 | 44 | 136 | 4000 | > 80 | -25°C - +45°C |
| B3HE 15 60-840 ET PC HFS | 10520084 | 6000 | 44 | 136 | 4000 | > 80 | -25°C - +45°C |
| B3HE 15 80-840 ET PC | 10520085 | 8000 | 53 | 151 | 4000 | > 80 | -25°C - +45°C |
| B3HE 15 80-840 ETDD PC | 10520086 | 8000 | 53 | 151 | 4000 | > 80 | -25°C - +45°C |
| B3HE 15 100-840 ET PC | 10520087 | 10000 | 63 | 159 | 4000 | > 80 | -25°C - +45°C |
| B3HE 15 100-840 ETDD PC | 10520088 | 10000 | 63 | 159 | 4000 | > 80 | -25°C - +45°C |
| **PMMA** | | | | | | | |
| B3HE 6 20-840 ET PM | 10528068 | 2000 | 14 | 143 | 4000 | > 80 | -25°C - +50°C |
| B3HE 12 40-840 ET PM | 10528069 | 4000 | 25 | 160 | 4000 | > 80 | -25°C - +50°C |
| B3HE 12 40-840 ET PM 3x1.5 | 10528070 | 4000 | 25 | 160 | 4000 | > 80 | -25°C - +50°C |
| B3HE 15 60-840 ET PM | 10528071 | 6000 | 36 | 167 | 4000 | > 80 | -25°C - +50°C |
| B3HE 15 60-840 ET PM 3x1.5 | 10528072 | 6000 | 36 | 167 | 4000 | > 80 | -25°C - +50°C |

# BELORIA | HE

## Dimensions and logistics

| Description | X | Xm | Y | Z | | | KG | | |
|---|---|---|---|---|---|---|---|---|---|
| | mm | mm | mm | mm | L x W x H mm | Pcs./ Box | Box | Groupage Pcs./Euro pallet | Double pallet Pcs./Euro pallet |
| B3HE 6... | 697 | 350 | 71 | 71 | 793 x 77 x 79 | 1 | 0.9 | 240 | 216 + 216 |
| B3HE 12... | 1253 | 800 | 71 | 71 | 1355 x 77 x 79 | 1 | 1.5 | 120 | 108 + 108 |
| B3HE 12... 3x1.5/5x1.5... | 1306 | 800 | 71 | 71 | 1355 x 77 x 79 | 1 | 1.6 | 120 | 108 + 108 |
| B3HE 15... | 1542 | 1100 | 71 | 71 | 1637 x 77 x 79 | 1 | 1.7 | 120 | 108 + 108 |
| B3HE 1.5... 3x1.5/5x1.5... | 1592 | 1100 | 71 | 71 | 1637 x 77 x 79 | 1 | 1.8 | 120 | 108 + 108 |

Please check with our Back Office to confirm logistic data




## Accessories

| | |
|---|---|
| 10103049 | Suspension wire 2m hook and fastener, 1 unit |
| 10207593 | ZBWM wall mounting accessory (allows luminaire rotation), 2 pieces set |
| 10527359 | Suspension triangles - 20 pcs, 2 units are required per luminaire |
| 60622 | Suspension triangle - 1 pcs (2 units are required per luminaire) |
| 10466867 | Theft protection (required for wall mounting), set for 1 luminaire |

10103049

10207593

10527359
60622

10466867