



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 **159 lm/W** 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.

Characteristics

Mechanical characteristics

Profile	Extruded polycarbonate with UV protection Upper part grey RAL 7035
End caps	Polycarbonate
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%

IP 66
IP 69(80°)

IK 10

Frequency
0-50/60Hz

Rated voltage
220-240V

NON-SELV

Functional characteristics

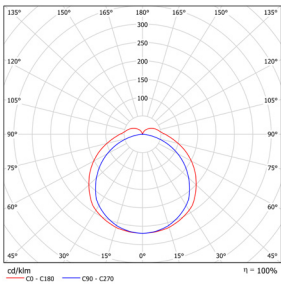
Lifetime	L80B50 (40°C) 100,000h L80B50 (25°C) 105,000h
Guarantee	5 years
Fire protection	Glow wire test (EN 60595-2-11): 850°

Compliance



Photometrical characteristics

SDCM	< 3
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Description

FAMILY	VERSION	LENGTH (mm)	LUMINOUS FLUX (lm)	CRI	LIGHT COLOUR (K)	DRIVER	PROFILE	THROUGH WIRING
B3: BELORIA	HE: high efficiency	6: 600 12: 1200 15: 1500	20: 2000 40: 4000 60: 6000 80: 8000	8: >80	40: 4000	ET: non dimmable ETDD: DALI dimmable	PC: polycarbonate	3x1.5mm ² 5x1.5mm ²

Special options under request

Ask our Sales Team for more details	3: 300 9: 900	1000 to 10000	9: 90	30: 3000 50: 5000 65: 6500	ETD: 1-10V dimmable ET CS: Casambi dimmable	PM: PMMA	3x2.5mm ² 5x2.5mm ²
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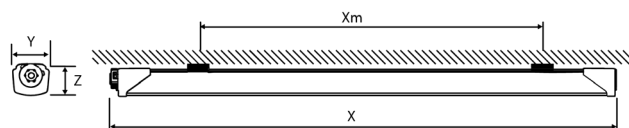
Operational data

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	149	4000	> 80	-25°C - +50°C
B3HE 12 40-840 ETDD PC	10520068	4000	27	149	4000	> 80	-25°C - +50°C
B3HE 12 40-840 ET PC 3x1.5	10520069	4000	27	149	4000	> 80	-25°C - +50°C
B3HE 12 40-840 ETDD PC 5x1.5	10520070	4000	27	149	4000	> 80	-25°C - +50°C
B3HE 12 40-840 ET PC EB1	10520071	4000	30	134	4000	> 80	-25°C - +45°C
B3HE 12 40-840 ET PC EB3	10520072	4000	30	134	4000	> 80	-25°C - +45°C
B3HE 12 40-840 ET PC HFS	10520073	4000	30	134	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	137	4000	> 80	-25°C - +45°C
B3HE 15 60-840 ET PC EB3	10520083	6000	44	137	4000	> 80	-25°C - +45°C
B3HE 15 60-840 ET PC HFS	10520084	6000	44	137	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 - +40°C

Dimensions and logistics

Description	X	Xm	Y	Z					
	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	738 x 77 x 79	1	0.9	240	216 + 216
B3HE 12...	1253	800	71	71	1300 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	1585 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
tbc	Suspension triangles
10466867	Theft protection (required for wall mounting), set for 1 luminaire



10103049



10207593



Suspension triangles



10466867