



INDUSTRIAL LUMINAIRES

FULMAR 4.0

PRODUCT INFORMATION

Fulmar 4.0 is the fourth and the most efficient generation of award winning Fulmar series of industrial luminaires. The efficacy we have reached with Fulmar 4.0 goes up to 160 lm/W. What brings even greater electricity savings and lower electricity bill.

Fulmar 4.0 shares the same benefits as previous versions: lifetime up to 80,000 hours L80B10, IP65 protection class, stable performance in a great temperature range from -20°C to +60°C. As the Fulmar series, Fulmar 4.0 remains with 5-year warranty.

These luminaires come with three different mounting options: standard holder for surface mounting, special bolt for cable tray mounting and hanging kit for suspended mounting.

Fulmar 4.0 are made in the Europe - engineered and manufactured at our facility in Lithuania.

APPLICATION

- Warehouses
- Parking lots, car wash
- Industrial facilities
- Gas stations
- Bus and train stations, airports
- Cold storage facilities

FEATURES & BENEFITS

- Efficacy up to 160 lm/W
- Easy mounting: surface, suspended, cable tray
- Operational height from 2 m to 16 m
- IP65 protection class
- DALI control, motion sensor available
- 5 year warranty

FULMAR 4.0 120

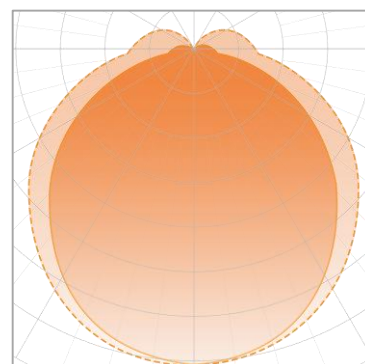
GENERAL INFORMATION

SUPPLY VOLTAGE	198 – 264 V; 50/60 Hz
POWER FACTOR	0.95 – 0.99
EFFICACY	138 – 152 lm/W
CCT	4000 K ± 150 K (natural white)*
CRI	>82
BEAM ANGLE	120°
IP CLASS	IP65
BODY MATERIAL	aluminium
RECOMMENDED HEIGHT	up to 6 meters
CLEANROOM APPLICATION	suitable
OPERATING TEMP.	-20 °C ~ +60 °C (BWLP-HE-...) -20 °C ~ +50 °C (BWLP-HT-...)
STORAGE TEMP.	-40°C ~ +70 °C
LIFETIME	L80B10 80000 h (Ta +25°C) (BWLP-HE-...) L80B10 75000 h (Ta +25°C) (BWLP-HT-...)
MOUNTING OPTIONS	surface (wall, ceiling), suspended, cable tray
CERTIFICATION	CE and RoHS compliant
WARRANTY	5 years
OPTIONAL FEATURES	DALI, motion sensor

*Other colours are available. For more information please contact your account manager.

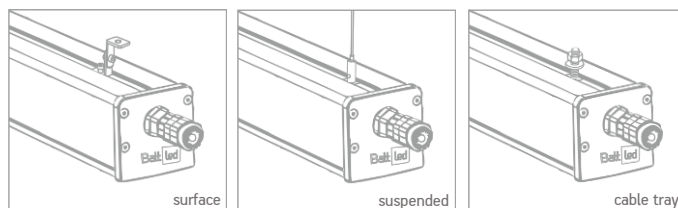


LIGHT DISTRIBUTION GRAPH



— CO-180 - - - C90-270 ····· 120°

MOUNTING OPTIONS*



*Mounting accessories are ordered separately

SENSOR SPECIFICATIONS

	without DALI	with DALI
SENSOR TYPE	motion	motion
SENSOR FUNCTION	on/off	100% - preset %
DETECTION RANGE	max. Ø 16 m	max. Ø 10 m
DETECTION ANGLE	360°	360°
MOUNTING HEIGHT	max. 15 m	max. 15 m

ORDERING INFORMATION

FIXTURES

SKU	DIMENSIONS (LxHxW), MM non-sensor / sensor version	WEIGHT, KG	POWER, W*	LUMEN OUTPUT, LM*	OPTIONAL FEATURES**		
					DA	SENS	SENS+DA
BWLP-HE-025A120840E20	346x100x75 / 416x100x75	1.1-1.2	20	3047	-	+	-
BWLP-HE-050A120840E35	586x100x75 / 656x100x75	1.8-2.55	35	5070	+	+	+
BWLP-HT-050A120840E55	586x100x75 / 656x100x75	1.8-2.55	55	7590	+	+	+
BWLP-HE-100A120840E70	1076x100x75 / 1146x100x75	3.4-4.15	70	10010	+	+	+
BWLP-HT-100A120840E100	1076x100x75 / 1146x100x75	3.4-4.15	100	14000	+	+	+
BWLP-HE-150A120840E100	1567x100x75 / 1637x100x75	4.7-5.45	100	14423	+	+	+
BWLP-HT-150A120840E128	1567x100x75 / 1637x100x75	4.7-5.45	128	17640	+	+	+

*Possible ±3-5% deviation

**DA – DALI driver; SENS – motion sensor

MOUNTING ACCESSORIES

SKU	MOUNTING TYPE	DESCRIPTION
BWL-WKIT	surface	stainless steel bracket
BWL-HKIT	suspended	stainless steel hanging cable with hook, 1.5 m
BWL-SKIT	cable tray	stainless steel bolt, nut, washer

*Custom holders for "Meka", "Norton" and other trunking systems are available up on request

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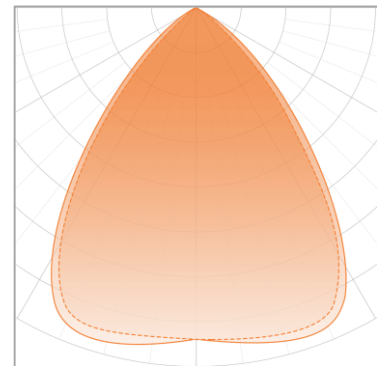
GENERAL INFORMATION

SUPPLY VOLTAGE	198 – 264 V; 50/60 Hz
POWER FACTOR	0.95 – 0.99
EFFICACY	144 – 160 lm/W
CCT	4000 K ± 150 K (natural white)*
CRI	>82
BEAM ANGLE	100°
IP CLASS	IP65
BODY MATERIAL	aluminium
RECOMMENDED HEIGHT	from 6 to 10 meters
CLEANROOM APPLICATION	yes
OPERATING TEMP.	-20 °C ~ +60 °C (BWL-HE-...) -20 °C ~ +50 °C (BWL-HT-...)
STORAGE TEMP.	-40 °C ~ +70 °C
LIFETIME	L80B10 80000 h (Ta +25°C) (BWL-HE-...) L80B10 75000 h (Ta +25°C) (BWL-HT-...)
MOUNTING OPTIONS	surface (wall, ceiling), suspended, cable tray
CERTIFICATION	CE and RoHS compliant
WARRANTY	5 years
OPTIONAL FEATURES	DALI, motion sensor

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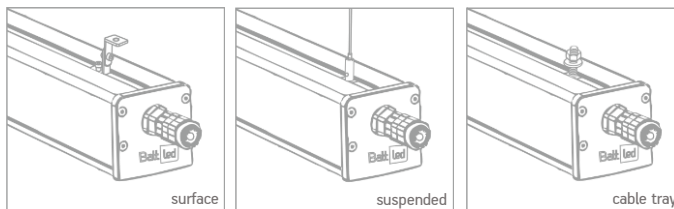


LIGHT DISTRIBUTION GRAPH



— C0-180 - - - C90-270 100°

MOUNTING OPTIONS*



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SENSOR SPECIFICATIONS

	without DALI	with DALI
SENSOR TYPE	motion	motion
SENSOR FUNCTION	on/off	100% - preset %
DETECTION RANGE	max. Ø 16 m	max. Ø 10 m
DETECTION ANGLE	360°	360°
MOUNTING HEIGHT	max. 15 m	max. 15 m

ORDERING INFORMATION

FIXTURES

SKU	DIMENSIONS (LxHxW), MM non-sensor / sensor version	WEIGHT, KG	POWER, W*	LUMEN OUTPUT, LM*	OPTIONAL FEATURES**		
					DA	SENS	SENS+DA
BWLP-HE-025A100840E18	317x77x75 / 387x77x75	1.0-1.1	18	2630	-	+	-
BWLP-HE-050A100840E34	567x77x75 / 637x77x75	1.6-2.35	34	5200	+	+	+
BWLP-HT-050A100840E47	567x77x75 / 637x77x75	1.6-2.35	47	6768	+	+	+
BWLP-HE-100A100840E65	1068x77x75 / 1138x77x75	3.1-3.85	65	10205	+	+	+
BWLP-HT-100A100840E90	1068x77x75 / 1138x77x75	3.1-3.85	90	13752	+	+	+
BWLP-HE-150A100840E96	1568x77x75 / 1638x77x75	4.4-5.15	96	15360	+	+	+
BWLP-HE-200A100840E115	2068x77x75 / 2138x77x75	5.9-6.65	115	18400	+	+	+
BWLP-HE-200A100840E130	2068x77x75 / 2138x77x75	5.9-6.65	130	20800	+	+	+
BWLP-HT-150A100840E134	1568x77x75 / 1638x77x75	4.4-5.15	134	20100	+	+	+
BWLP-HT-200A100840E150	2068x77x75 / 2138x77x75	5.9-6.65	150	22350	+	+	+

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**DA – DALI driver; SENS – motion sensor

MOUNTING ACCESSORIES

SKU	MOUNTING TYPE	DESCRIPTION
BWL-SKIT	surface	stainless steel bracket
BWL-HKIT	suspended	stainless steel hanging cable with hook, 1.5 m
BWL-WKIT	cable tray	stainless steel bolt, nut, washer

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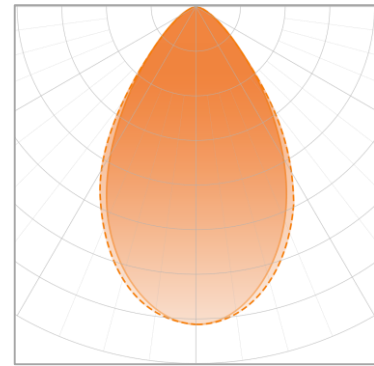
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POWER FACTOR	0.95 – 0.99
EFFICACY	144 – 160 lm/W
CCT	4000 K ± 150 K (natural white)*
CRI	>82
BEAM ANGLE	60°
IP CLASS	IP65
BODY MATERIAL	aluminium
RECOMMENDED HEIGHT	from 10 to 16 meters
CLEANROOM APPLICATION	yes
OPERATING TEMP.	-20 °C ~ +60 °C (BWLP-HE-...) -20 °C ~ +50 °C (BWLP-HT-...)
STORAGE TEMP.	-40 °C ~ +70 °C
LIFETIME	L80B10 80000 h (Ta +25°C) (BWLP-HE-...) L80B10 75000 h (Ta +25°C) (BWLP-HT-...)
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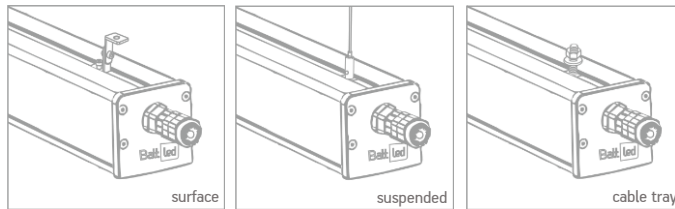


LIGHT DISTRIBUTION GRAPH



— C0-180 — C90-270 60°

MOUNTING OPTIONS*



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SENSOR SPECIFICATIONS

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BWLP-HT-100A60840E90	1068x77x75 / 1138x77x75	3.1-3.85	90	13752	+	+	+
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BWLP-HT-200A60840E150	2068x77x75 / 2138x77x75	5.9-6.65	150	22350	+	+	+

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