

BILLUND 1 (BIU-90042-LC)



Product description

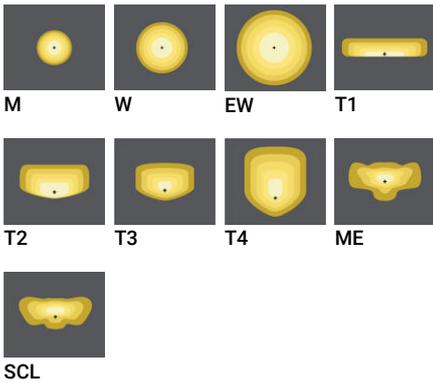
Small - LIGHTCONNECT™



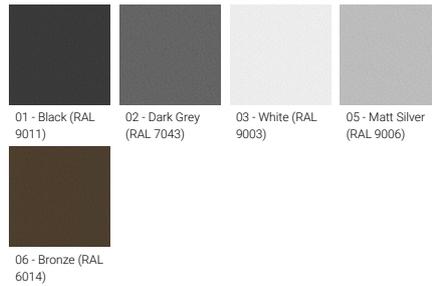
Luminaire Structure

- Die-cast aluminium housing
- Pre-treated before powder coating ensuring high corrosion resistance
- Thermal heat dissipation body
- Single cable entry
- One IP68 connector supplied with 0.3 m of 3x1.0 sqmm outdoor cable
- Stainless steel fasteners in grade 304 with zinc flake coating (ZFC)
- Durable silicone rubber gasket
- Clear toughened glass
- High-efficiency polycarbonate lens
- Integral control gear
- Surge protection 10kV
- Constant lumen output (CLO) and Night-time dimming options

Optic



Product colour



Special finishes upon request

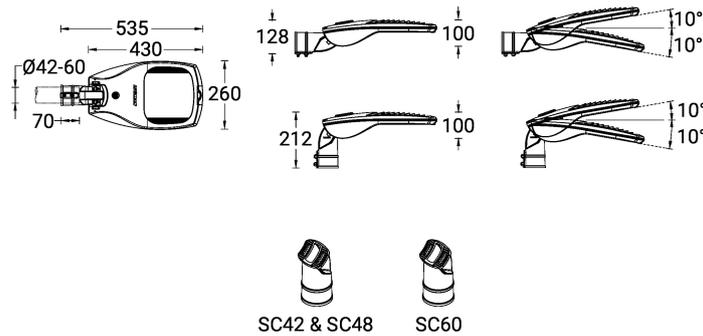


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Technical information

Material	Aluminium	CCT / CRI	2700K CRI70, 2700K CRI80, 3000K CRI70, 3000K CRI80, 4000K CRI70, 4000K CRI80	Cable	One IP68 connector supplied with 0.3 m of 3x1.0 sqmm outdoor cable
Light source	12 LED	Bug	B1-U0-G1, B2-U0-G0, B2-U0-G1, B2-U0-G2, B3-U0-G0	Through wiring	Single cable entry
Power	42 W	ULR	<1%	Lens / Reflector / Optic	Clear toughened glass, High-efficiency polycarbonate lens
Lumen	3858 - 5495 lm	ULOR	<1%	MacAdam Ellipse	3 SDCM
Efficacy	92 - 131 lm/W	CIE flux code n°3	96, 97, 98, 99	Lifetime L90B10 (hours)	> 90,000
Driver option	Integral control gear	Dimming type	DALI	Lifetime L80B10 (hours)	> 90,000
Driver	Constant current (CC)	Product colours	Black, Dark Grey, White, Matt Silver, Bronze, Concrete - Urban, Softscape - Urban, Stone - Urban, Corten - Urban, Oak - Woodland, Walnut - Woodland, Pine - Woodland	Lifetime L80B50 (hours)	> 90,000
Input voltage	220-240 V 50/60 Hz			Variants (DALI)	Compatible with EN/ IEC 60598-2-22: Suitable for emergency installations as central supply, non-maintained (Z0)
Optic	M, W, EW, T1, T2, T3, T4, ME, SCL	Weight	6.1 kg		
Optic value	31, 56°, 106°x113°, 149°x72°, 137°x51°, 126°x89°, 103°x74°, 138°x56°, 151°x65°	Operating temperature	-20 °C to 40 °C		
		EPA (m2)	0.040		

BIU-90042



BILLUND 1 (BIU-90042-LC)**Accessory**

NEMA 7 socket
A90891



Zhaga Book 18 socket (Up)
A90991-U



Motion sensor - PIR - DALI - Up
to 3 m
A91691-L2



Motion sensor - PIR - DALI - Up
to 12 m
A91691-L7



Zhaga Book 18 socket (Down)
A90991-D



DALI Control System
Control-DALI