

BILLUND 1 (BIU-90042-LC)



Product description

Small - LIGHTCONNECT™



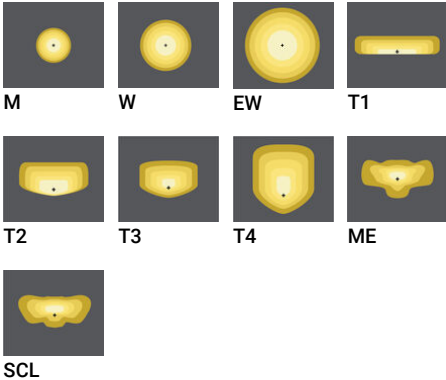
Luminaire Structure

- 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

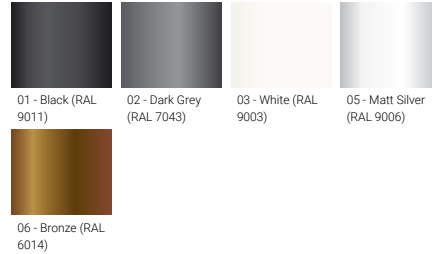
- Stainless steel fasteners in grade 304 with zinc flake coating (ZFC)
- Durable silicone rubber gasket
- Clear toughened glass
- High-efficiency polycarbonate lens
- Integral control gear

- Surge protection 10kV
- Constant lumen output (CLO) and Night-time dimming options

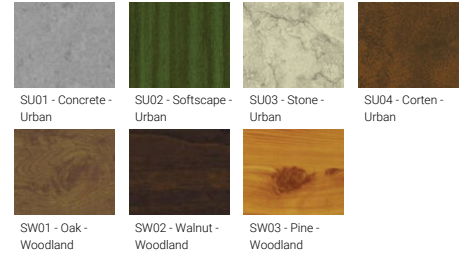
Optic



Product colour



Special finishes upon request



BILLUND 1 (BIU-90042-LC)

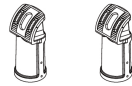
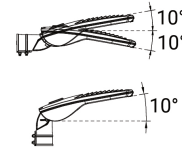
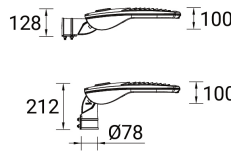
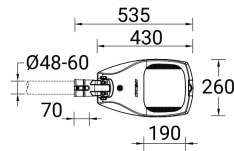
Technical information

Material	Aluminium
Light source	12 LED
Power	42 W
Lumen	4139 - 5495 lm
Efficacy	99 - 131 lm/W
Driver option	Integral control gear
Driver	Constant current (CC)
Input voltage	220-240 V 50/60 Hz
Optic	M, W, EW, T1, T2, T3, T4, ME, SCL

Optic value	31°, 56°, 106°x113°, 149°x72°, 137°x51°, 126°x89°, 103°x74°, 138°x56°, 151°x65°
CCT / CRI	3000K CRI70, 3000K CRI80, 4000K CRI70, 4000K CRI80
Bug	B1-U0-G1, B2-U0-G0
ULR	0%
ULOR	0%
CIE flux code n°3	96, 97, 98, 99
Dimming type	DALI
Product colours	Black, Dark Grey, White, Matt Silver, Bronze, Concrete - Urban, Softscape - Urban, Stone - Urban, Corten - Urban, Oak - Woodland, Walnut - Woodland, Pine - Woodland
Weight	6.13 kg

Operating temperature	-20 °C to 40 °C
Cable	One IP68 connector supplied with 0.3 m of 3x1.0 sqmm outdoor cable
Through wiring	Single cable entry
Lens / Reflector / Optic	Clear toughened glass, High-efficiency polycarbonate lens
MacAdam Ellipse	5 SDCM
Lifetime L90B10 (hours)	> 35,000
Lifetime L80B10 (hours)	> 74,000
Lifetime L80B50 (hours)	> 80,000
Variants (DALI)	Compatible with EN/ IEC 60598-2-22: Suitable for emergency installations as central supply, non-maintained (Z0)

BIU-90042



SC48 SC60

Accessories



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

BILLUND 1 (BIU-90042-LC)



Zhaga Book 18 socket (Down)
A90991-D



DALI Control System
Control-DALI
