

BILLUND 1 (BIU-90041)



Product description

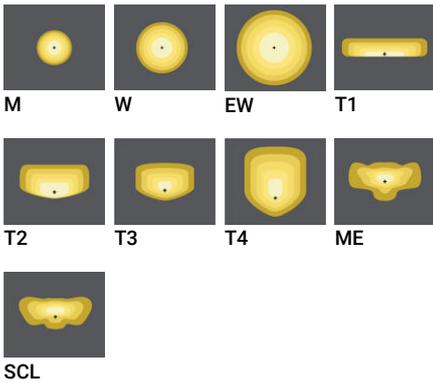
Small



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

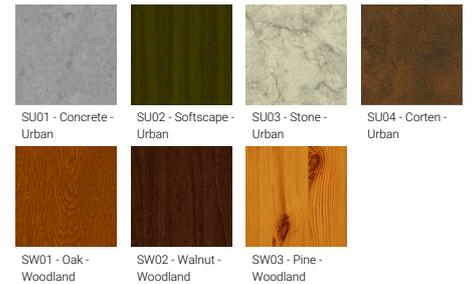
Optic



Product colour



Special finishes upon request

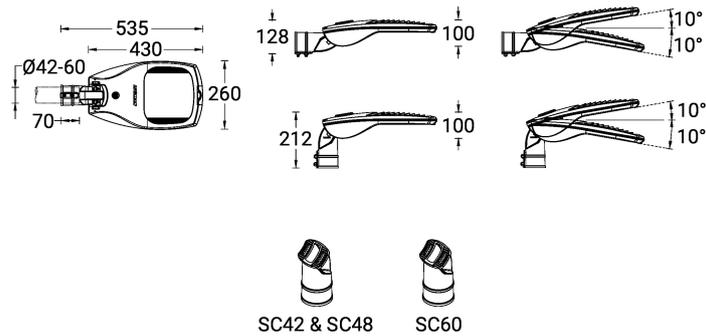


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Technical information

| | | | | | |
|----------------------|---|------------------------------|--|---------------------------------|---|
| 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 | Through wiring | Single cable entry |
| Power | 28 W | ULR | <1% | Lens / Reflector / Optic | Clear toughened glass, High-efficiency polycarbonate lens |
| Lumen | 2591 - 3633 lm | ULOR | <1% | MacAdam Ellipse | 3 SDCM |
| Efficacy | 93 - 130 lm/W | CIE flux code n°3 | 95, 96, 97, 98, 99 | Lifetime L90B10 (hours) | > 90,000 |
| Driver option | Integral control gear | Dimming type | On/Off, 1-10V, 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 (On/Off, 1-10V) | 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-90041



BILLUND 1 (BIU-90041)**Accessory**



DALI Control System
Control-DALI
