

## BILLUND 2 (BIU-90053-LC)



### Product description

Medium - LIGHTCONNECT™



microVos

LIGHT  
CONNECT™

microPrim™



**DARKSKY  
APPROVED**  
Reduces light pollution  
Certified by DarkSky.org

MOTION SENSOR

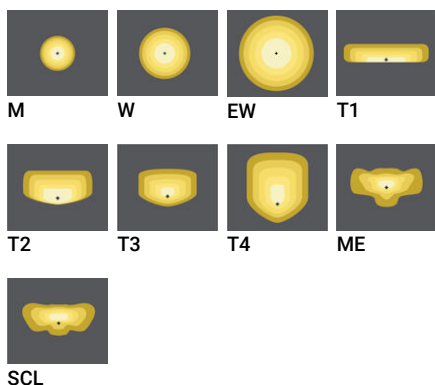
### Luminaire Structure

- 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

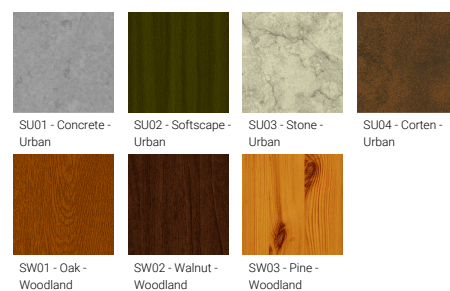
### Optic



### Product colour



### Special finishes upon request

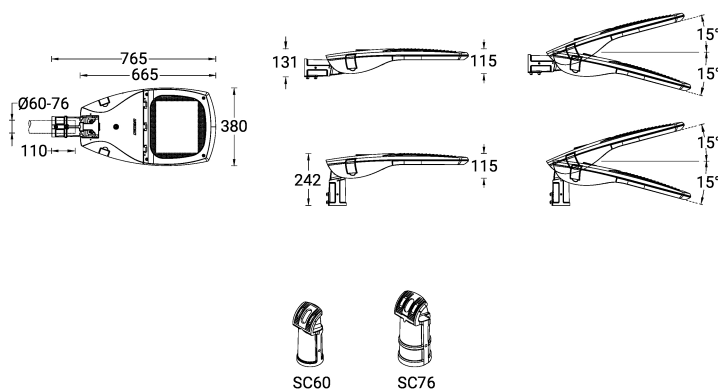


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### Technical information

|                      |                                                                                 |                              |                                                                                                                                                                      |                                 |                                                                                                                 |
|----------------------|---------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Material</b>      | Aluminium                                                                       | <b>CCT / CRI</b>             | 2700K CRI70, 2700K CRI80, 3000K CRI70, 3000K CRI80, 4000K CRI70, 4000K CRI80                                                                                         | <b>Cable</b>                    | One IP68 connector supplied with 0.3 m of 3x1.0 sqmm outdoor cable                                              |
| <b>Light source</b>  | 48 LED                                                                          | <b>Bug</b>                   | B2-U0-G2, B3-U0-G1, B3-U0-G3, B4-U0-G1                                                                                                                               | <b>Through wiring</b>           | Single cable entry                                                                                              |
| <b>Power</b>         | 122 W                                                                           | <b>ULR</b>                   | <1%                                                                                                                                                                  | <b>Lens / Reflector / Optic</b> | Clear toughened glass, High-efficiency polycarbonate lens                                                       |
| <b>Lumen</b>         | 11697 - 16298 lm                                                                | <b>ULOR</b>                  | <1%                                                                                                                                                                  | <b>MacAdam Ellipse</b>          | 5 SDCM                                                                                                          |
| <b>Efficacy</b>      | 96 - 134 lm/W                                                                   | <b>CIE flux code n°3</b>     | 96, 97, 98, 99                                                                                                                                                       | <b>Lifetime L90B10 (hours)</b>  | > 35,000                                                                                                        |
| <b>Driver option</b> | Integral control gear                                                           | <b>Dimming type</b>          | DALI                                                                                                                                                                 | <b>Lifetime L80B10 (hours)</b>  | > 74,000                                                                                                        |
| <b>Driver</b>        | Constant current (CC)                                                           | <b>Product colours</b>       | Black, Dark Grey, White, Matt Silver, Bronze, Concrete - Urban, Softscape - Urban, Stone - Urban, Corten - Urban, Oak - Woodland, Walnut - Woodland, Pine - Woodland | <b>Lifetime L80B50 (hours)</b>  | > 80,000                                                                                                        |
| <b>Input voltage</b> | 220-240 V 50/60 Hz                                                              |                              |                                                                                                                                                                      | <b>Variants (DALI)</b>          | Compatible with EN/ IEC 60598-2-22: Suitable for emergency installations as central supply, non-maintained (Z0) |
| <b>Optic</b>         | M, W, EW, T1, T2, T3, T4, ME, SCL                                               | <b>Weight</b>                | 11.5 kg                                                                                                                                                              |                                 |                                                                                                                 |
| <b>Optic value</b>   | 31°, 56°, 106°x113°, 149°x72°, 137°x51°, 126°x89°, 103°x74°, 138°x56°, 151°x65° | <b>Operating temperature</b> | -20 °C to 40 °C                                                                                                                                                      |                                 |                                                                                                                 |
|                      |                                                                                 | <b>EPA (m2)</b>              | 0.068                                                                                                                                                                |                                 |                                                                                                                 |

BIU-90053



**BILLUND 2 (BIU-90053-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**