

**BILLUND 4** (BIU-90005) (Version 1)



**Product description**

Small - with CLO & Night dimming



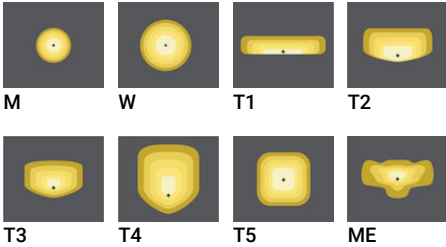
**Luminaire Structure**

- 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

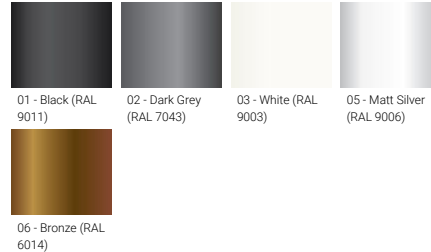
- Stainless steel fasteners in grade 304 with zinc flake coating (ZFC)
- Durable silicone rubber gasket
- Clear toughened glass
- High-efficiency polycarbonate lens
- Integral control gear

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

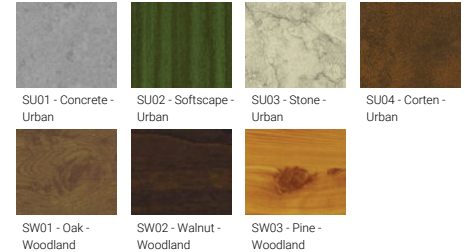
**Optic**



**Product colour**



**Special finishes upon request**



**BILLUND 4** (BIU-90005) (Version 1)

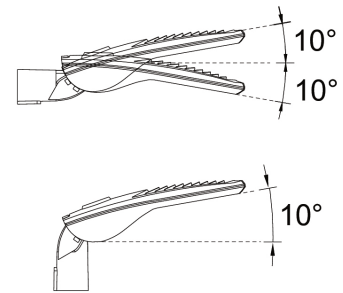
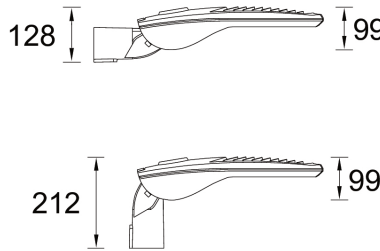
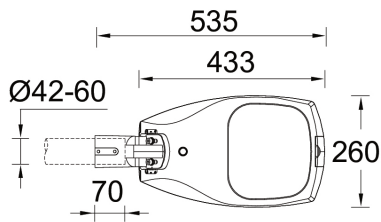
**Technical information**

<b>Material</b>	Aluminium
<b>Light source</b>	12 LED
<b>Power</b>	20 W
<b>Lumen</b>	2053 - 2400 lm
<b>Efficacy</b>	103 - 120 lm/W
<b>Driver option</b>	Integral control gear
<b>Driver</b>	Constant current (CC)
<b>Input voltage</b>	220-240 V 50/60 Hz
<b>Optic</b>	M, W, T1, T2, T3, T4, T5, ME

<b>Optic value</b>	24°, 50°, 151°x73°, 141°x49°, 141°x61°, 100°x77°, 104°x114°, 138°x42°
<b>CCT / CRI</b>	3000K CRI80, 4000K CRI80
<b>Bug</b>	B1-U0-G0, B1-U0-G1, B2-U0-G0
<b>ULR</b>	0%
<b>ULOR</b>	0%
<b>CIE flux code n°3</b>	96, 97, 98, 99
<b>Dimming type</b>	On/Off, 1-10V, DALI
<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>Operating temperature</b>	-20 °C to 40 °C

<b>Cable</b>	One IP68 connector supplied with 0.3 m of 3x1.0 sqmm outdoor cable
<b>Through wiring</b>	Single cable entry
<b>Lens / Reflector / Optic</b>	Clear toughened glass, High-efficiency polycarbonate lens
<b>MacAdam Ellipse</b>	3 SDCM
<b>Lifetime L90B10 (hours)</b>	> 90,000
<b>Lifetime L80B10 (hours)</b>	> 90,000
<b>Lifetime L80B50 (hours)</b>	> 90,000
<b>Variants (On/Off, 1-10V, DALI)</b>	Compatible with EN/ IEC 60598-2-22: Suitable for emergency installations as central supply, non-maintained (Z0)

BIU-90005



**Accessories**



DALI Control System  
Control-DALI