

**BILLUND 2 (BIU-90011)**



**Product description**

Medium



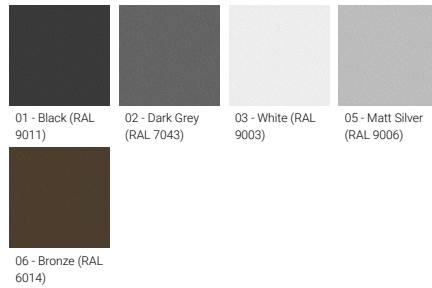
**Luminaire Structure**

- 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

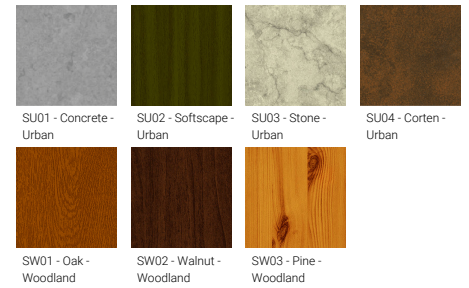
**Optic**



**Product colour**



**Special finishes upon request**



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**Technical information**

<b>Material</b>	Aluminium
<b>Light source</b>	96 LED
<b>Power</b>	90 W
<b>Lumen</b>	9086 - 11554 lm
<b>Efficacy</b>	101 - 128 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>	T1, T2, T3, T4, T5

<b>Optic value</b>	142°x128°, 151°x65°, 135°x61°, 102°x63°, 76°x123°
<b>CCT / CRI</b>	3000K CRI70, 4000K CRI70
<b>Bug</b>	B2-U0-G2, B3-U0-G1, B3-U0-G3
<b>ULR</b>	0%, <1%
<b>ULOR</b>	0%, <1%
<b>CIE flux code n°3</b>	94, 96, 97, 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>Weight</b>	10.3 kg

<b>Operating temperature</b>	-20 °C to 50 °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>	5 SDCM
<b>Lifetime L90B10 (hours)</b>	> 36,000
<b>Lifetime L80B10 (hours)</b>	> 74,000
<b>Lifetime L80B50 (hours)</b>	> 81,000