

BILLUND 2 (BIU-90013-LC)



Product description

Medium - LIGHTCONNECT™



microVos

LIGHT
CONNECT™

microPrim™

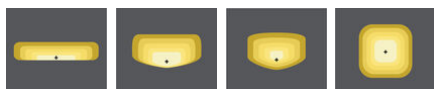


**DARKSKY
APPROVED**
Reduces light pollution
Certified by DarkSky.org

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



T1

T2

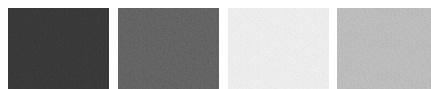
T3

T4



T5

Product colour

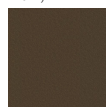


01 - Black (RAL 9011)

02 - Dark Grey (RAL 7043)

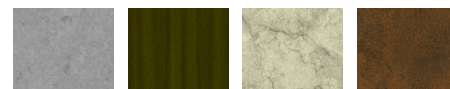
03 - White (RAL 9003)

05 - Matt Silver (RAL 9006)



06 - Bronze (RAL 6014)

Special finishes upon request



SU01 - Concrete - Urban

SU02 - Softscape - Urban

SU03 - Stone - Urban

SU04 - Corten - Urban



SW01 - Oak - Woodland



SW02 - Walnut - Woodland



SW03 - Pine - Woodland

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Technical information

Material	Aluminium
Light source	96 LED
Power	120 W
Lumen	14742 - 18431 lm
Efficacy	123 - 154 lm/W
Driver option	Integral control gear
Driver	Constant current (CC)
Input voltage	220-240 V 50/60 Hz
Optic	T1, T2, T3, T4, T5

Optic value	138°x125°, 153°x97°, 133°x66°, 111°x65°, 92°x121°
CCT / CRI	3000K CRI70, 4000K CRI70
Bug	B3-U0-G2, B3-U0-G3, B4-U0-G1
ULR	<1%
ULOR	<1%
CIE flux code n°3	100, 95, 96, 97, 98
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	10.5 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

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Accessory



NEMA 7 socket
A90891



Zhaga Book 18 socket (Up)
A90991-U