

**BILLUND 1 (BIU-90041)**



**Product description**

Small



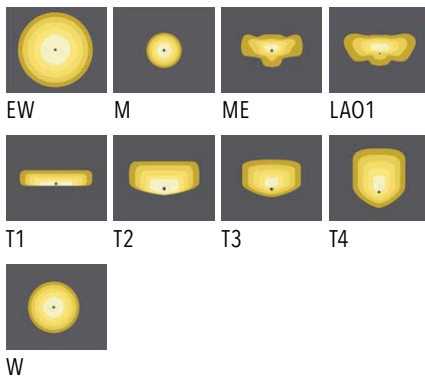
**Luminaire structure**

- Die-cast aluminium housing
- Pre-treated before powder coating ensuring high corrosion resistance
- Thermal heat dissipation body
- 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

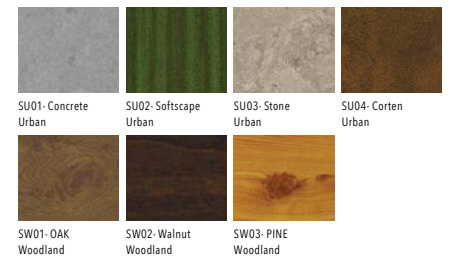
**Light symbol**



**Product colour**



**Special finishes upon request**



**Technical information**

Light source	12 LED
Light source type	LED
Dimming type	DALI, On/Off
Material	Aluminium
Weight	6.13 kg
Operating temperature	-20°C to 40°C

<b>Luminaire</b>	
Power	28 W
Lumen	2737 - 3633 lm
Efficacy	98 - 130 lm/W
CCT / CRI	3000K CRI80, 4000K CRI80
Drive current	700 mA
Driver option	Integral control gear
Driver	Constant current (CC)
Input voltage	220-240 V 50/60 Hz

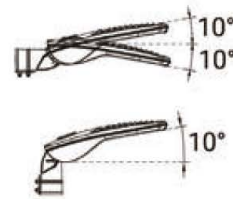
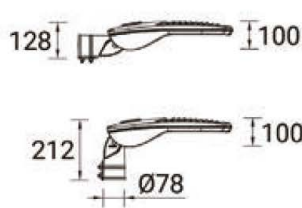
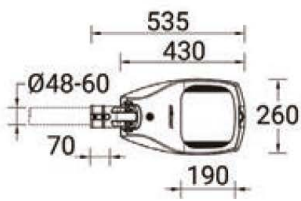
Optic	EW [106°x113°], M [31°], ME [138°x56°], LAO1 [151°x65°], T1 [149°x72°], T2 [137°x51°], T3 [126°x89°], T4 [103°x74°], W [56°]
Bug	B2-U0-G0, B1-U0-G1
ULR	0%
ULOR	0%
CIE flux code n°3	99, 95, 96, 98, 97
MacAdam Ellipse	5 SDCM
Lifetime L90B10 (hrs)	35,000
Lifetime L80B10 (hrs)	74,000
Lifetime L80B50 (hrs)	80,000

**BILLUND 1 (BIU-90041)**

**Product variants**

**HOW TO SPECIFY**

MODEL	OUTPUT	DISTRIBUTION	CRI/CCT	DIMMING	COLOUR FINISH
BIU-90041	700 28W	EW	8030	ND	01 BLACK
		M	8040	DALI	02 DARK GREY
		ME			03 WHITE
		LA01			05 MATT SILVER
		T1			06 BRONZE
		T2			S - SPECIAL FINISH
		T3			
		T4			
		W			



Spigot SC48



Spigot SC60

**Maximum pathway spacing in metres**

LUMINAIRE	AS/NZS 1158.3.1:2020	PATHWAY WIDTH			
		2.0 m		3.0 m	
		MH 4.0m	MH 5.0m	MH 4.0m	MH 5.0m
	PP1 LIGHT CAT	16.3	19.8	16.2	19.6
	PP2 LIGHT CAT	19.5	24.5	19.4	24.5
LIGA-BIU-90041-700-LA01-8030	PP3 LIGHT CAT	23.9	29.5	23.8	29.7
	PP4 LIGHT CAT	26.2	33.4	26.3	33.4
	PP5 LIGHT CAT	29	37.8	29.1	37.8

MAINTENANCE FACTOR - 0.8. OFFSET FROM PATH EDGE - 0.5m. Spacing table to be used as a guide. Figures are based on parameters set out in AS/NZS 1158.3.1:2020 - Table 3.4.

**Accessories**



Integrated Glare Technology  
LIGA-IGT