Product data sheet

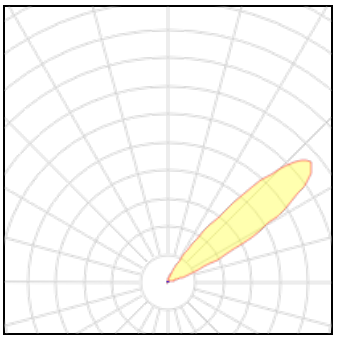
FREETOWN 4 BOLLARDS
FRE-10031-8030
LIGMAN



IP 65 IK 08

· Lamp LED · CRI Ra > 80 · Mac Adam 3 SDCM - Die-cast aluminium housing - Single cable entry - One IP68 connector supplied with 0.5 m of 3 x1.0 sqmm outdoor cable - Stainless steel fasteners in grade 316 - Durable silicone rubber gasket - Clear toughened glass - High-efficiency PMMA lens - Integral control gear

Light output 1 (integrated)



Lamp type	LED	CCT	3000 K
Nominal lamp power	11 W	CRI	80
Total flux	648 lm	LOR	100%
Luminous efficacy	59 lm/W	ULOR	50%
		Total power	11 W

Mounting mode

Standing / Bollard

Shape and measurements

Height: 39.37 in
Diameter: 7.32 in
Weight: 8.5 kg

Adjustability

Fixed

Design

Color of housing: Black, White, Silver gray

Glare protection

Glare protection: UGR < 19

Electric

System power: 11 W
Ballast: ECG
Controller: Dimmable 1..10V, DALI
Appliance Class: I

Protection

IP: 65
IK: 08
Surface temperature: 40°C