

**LED Outdoor Light
JM 044 1W Underground Light - Specification Sheet**

Power:	1W -3000K
Model:	GA - DMS1W
Beam angle:	25°
Luminous flux:	>95Lm
CRI:	>80
Color temperature:	3000K
LED brand:	CREE-XBD LED
Input voltage:	DC12V
Size:	φ42XH60mm
Operating temperature:	-25 ° ~ + 45 °
Protection:	IP67, IK08
Life:	35,000h
Cable:	30CM cable with connector
Case:	Black PC casing included
Surface color:	Gray
Warranty:	3 years

Instructions

A 230Volts AC to 12Volts DC transformer is required (Purchased separately).

1. Select a suitable area to install the luminaire. Taking care to avoid cables or pipes.
2. Prepare a suitable hole in the ground to allow the installation of the PVC black box.
3. Place the Plastic base into the hole, ensuring adequate drainage. Recommended 200mm minimum.
4. Make wiring using IP68 quick connectors (not supplied).
5. See electrical connections below...
6. Insert the lighting fitting into the plastic base.
7. Restore power supply, switch on and test for satisfactory operation.

Electric connection

Connect as follows:

LIVE (L) BROWN OR RED

NEUTRAL (N) BLUE OR BLACK



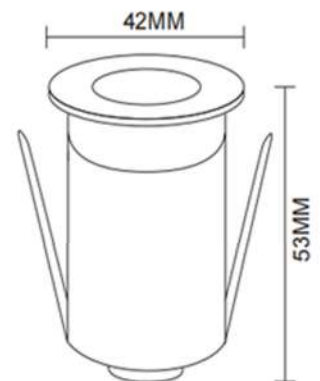
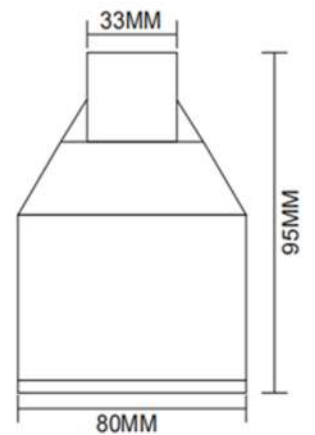
Photometric data

TEST DATA:					
MODEL:		Imax (cd) :	213.8	η street_up (%) :	0.0
NOMINAL POWER (W) :	1	MAXIMUM(C, ↑ :	180,2.5	η street_down (%) :	49.5
RATED VOLTAGE (V) :	12	TOTAL FLUX(lm) :	47.20	η house_up (%) :	0.0
NOMINAL FLUX(lm) :	47.2	EFFICIENCY (%) :	100.0	η house_down (%) :	50.5
TEST FLUX(lm) :	47.20	η up (%) :	0.0	E' 80 Flux(lm) :	47.2
LAMPS QUANTITY:	1	η down (%) :	100.0	E EI	0.096



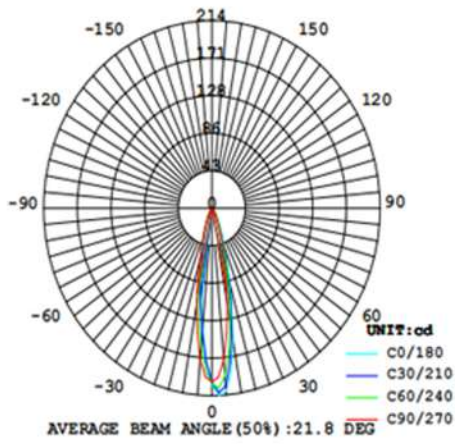
Gray

Size drawing

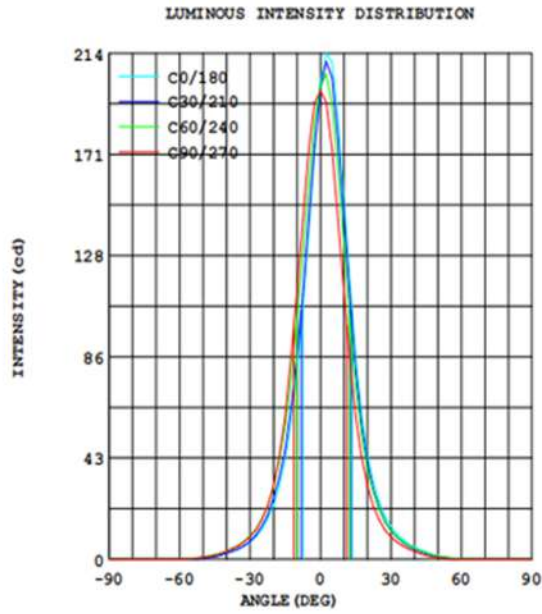


Protometric data

**INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS**



**INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS**



Test:U:11.95V I:0.098A P:0.800W PF:0.680