

Exterior Spot LED-5W-3K

Specialising In Led Solutions

SPECIFICATION	
CODE	AL-GSL5W-3K12V
WATTS	6Watt (draw) 5Watt LED
VOLTS INPUT	12-24VDC
LUMEN OUTPUT	420lumen
COLOUR TEMP	3000K
BEAM OPTIONS	100deg
IP RATING	IP65
DIM	No
OPERATING TEMP	-20 to +55deg C
LED	Philips Lumileds
EXPECTED LIFE	30,000hrs
WARRANTY	2years
COLOUR	Black powder coated aluminium
MOUNTING	Surface mount and garden spike
CABLE	2core plug & lead + socket & lead
FIXINGS	316 stainless steel
DIMENSIONS	72 dia x 243 high (with spike)



Philips LEDs - IP65

FEATURES:

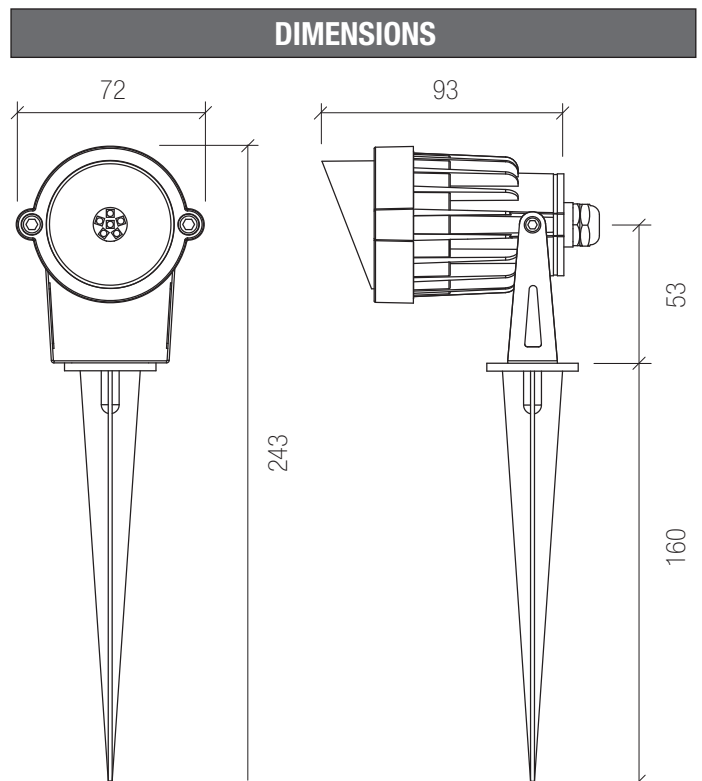
- # Philips LEDs.
- # Powder coated aluminium and dimpled glass.
- # Surface mount or garden spike.
- # Low voltage.
- # Constant voltage input.
- # Complete with plug & lead.

APPLICATIONS:

- # Exterior and garden spot lighting.
- # High lighting trees, shrubs, pergolas, water features etc.
- # General feature lighting.

NOTE:

- # Warranty is void if the plug is cut off. The molded plug & lead plus socket & lead prevents moisture wicking up the cable into the light.
- # These lights can draw a large inrush current on start up. When selecting drivers use a driver a minimum of 3 times the wattage load of spot lights.
Example 6 x 6Watts = 36W, 3 x 36W = 108W.
Use a 120Watt driver.

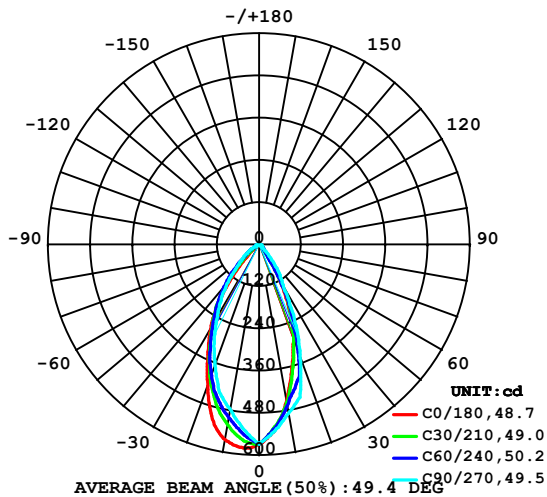


LUMINAIRE PHOTOMETRIC TEST REPORT

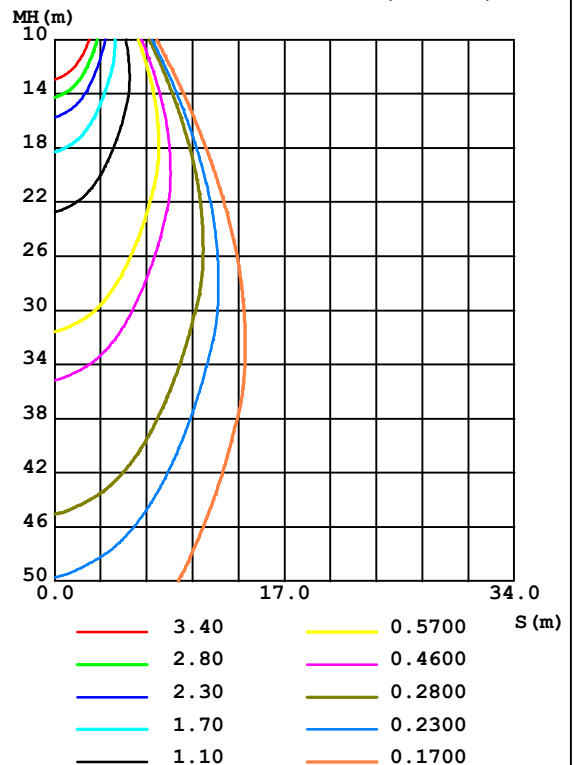
Test:U:0V I:0A P:0W PF:0.0000 Freq:0Hz Lamp Flux:423.737x1 lm		
NAME: AL-GSL5W-3000 12V	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		I _{max} (cd)	580.9	S/MH(C0/180)	0.87
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.78
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	423.74	η UP,DN(C0-180)	0.0,42.8
NOMINAL FLUX(lm)	423.737	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,57.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	12	η down (%)	100.0	CIBSE SHR MAX	0.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

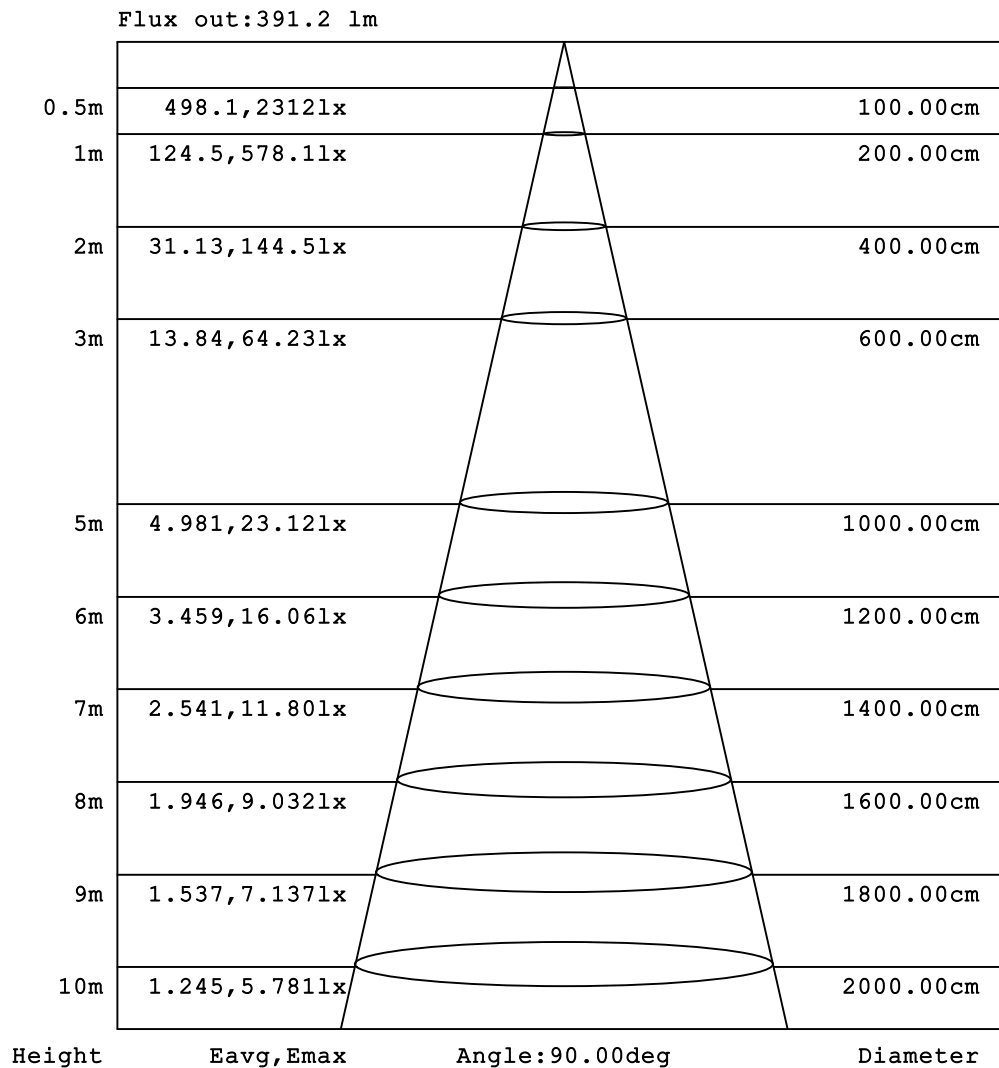


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:10 October 2020

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.406.11
Humidity:65.0%
Test Distance:10.100m [K=1.0000]
Remarks: Changzhou Mindhand Lighting Technology C

AAI Figure

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SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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