

Light measurement report

Laboratory results

Print date 13-04-2026

Laboratory and Equipment

Test lab	Intertek
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	4/7/2020

Measurement Conditions

Tested c-planes	16
Tested gamma angles	73 – 2.50°
Input Power	1.4 W

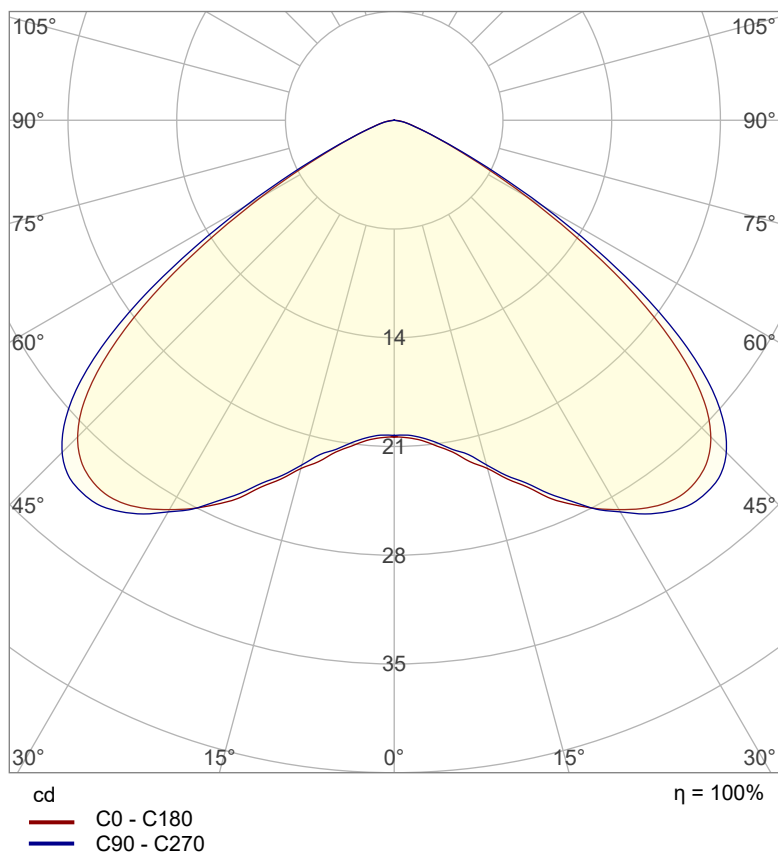
Tested Light Source

Luminaire	Micro Max II
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	Garden Light LED

Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	84.78 lm – 0% / 100%
Efficiency	60.56 lm/W
Peak Intensity	31.28 cd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

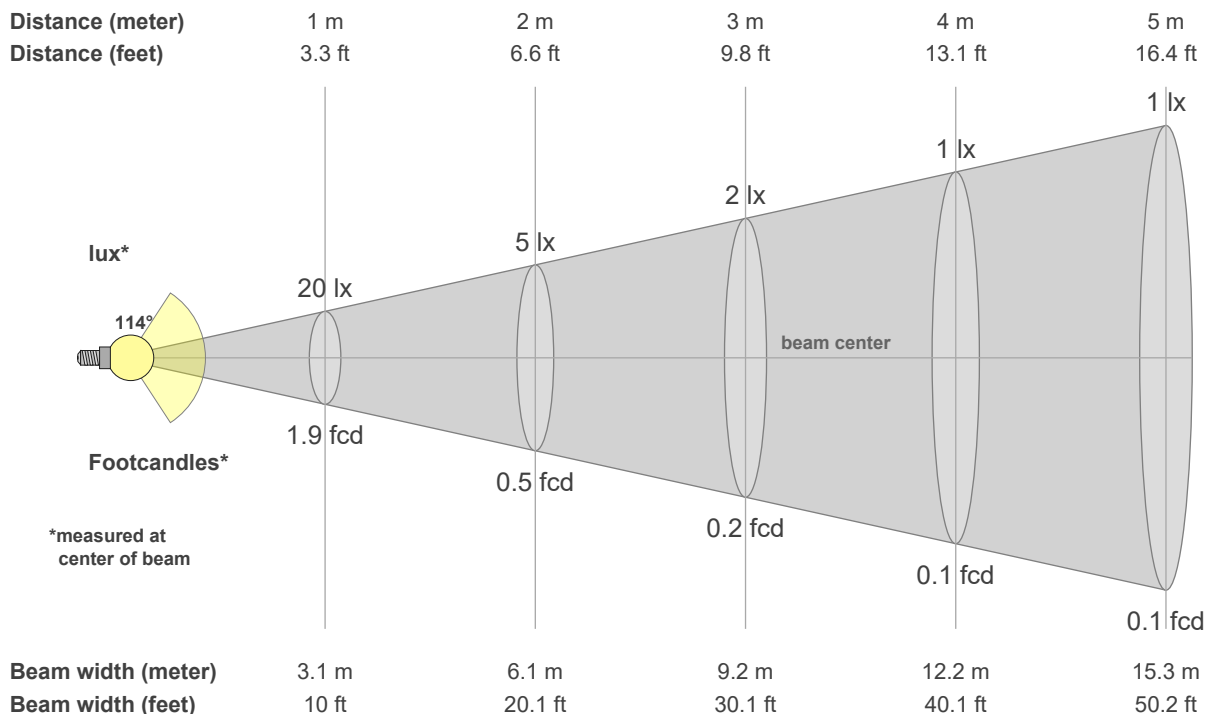


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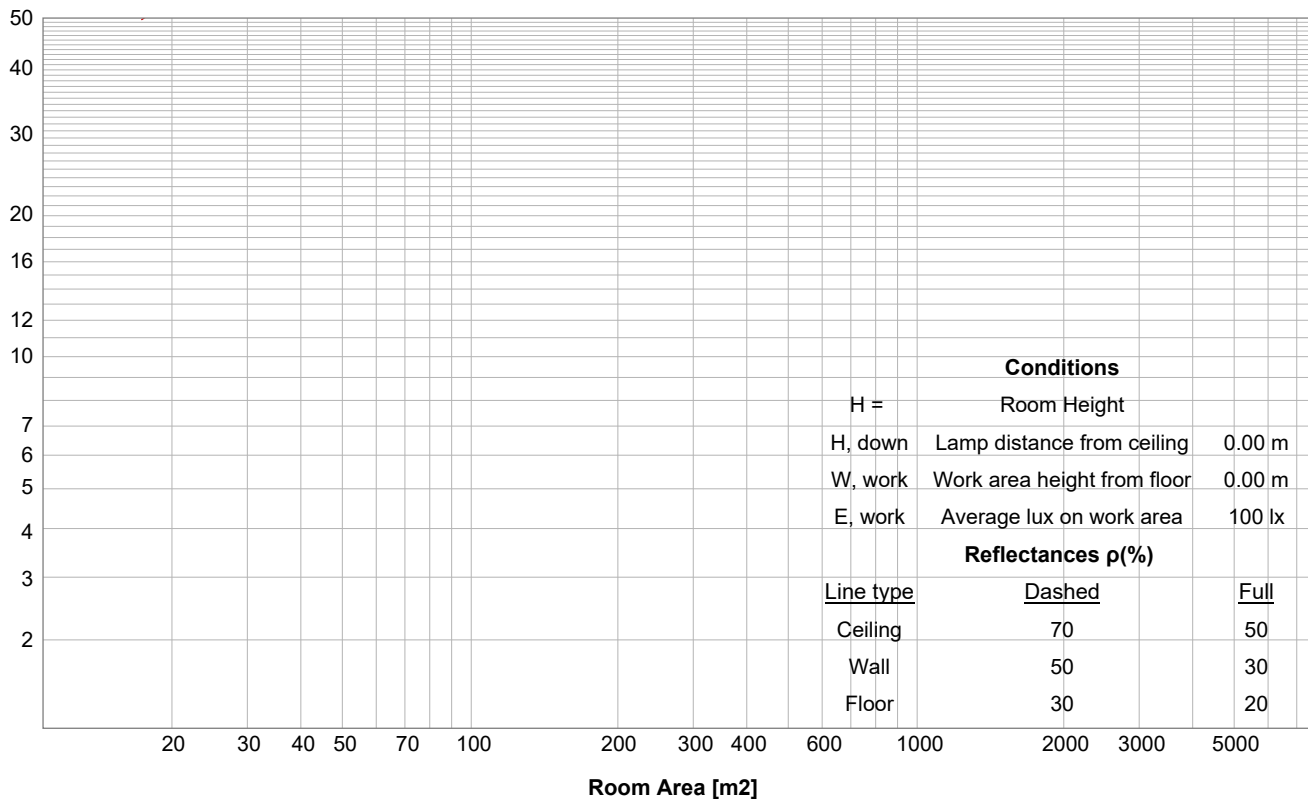
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Beam details

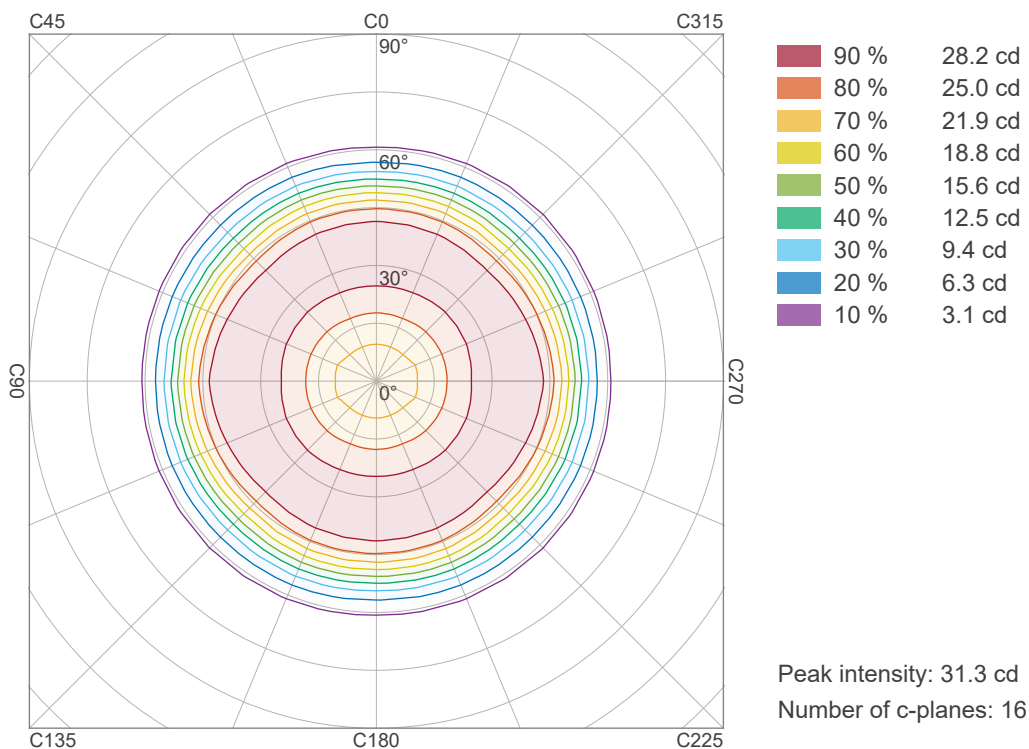


Luminaire budgetary diagram

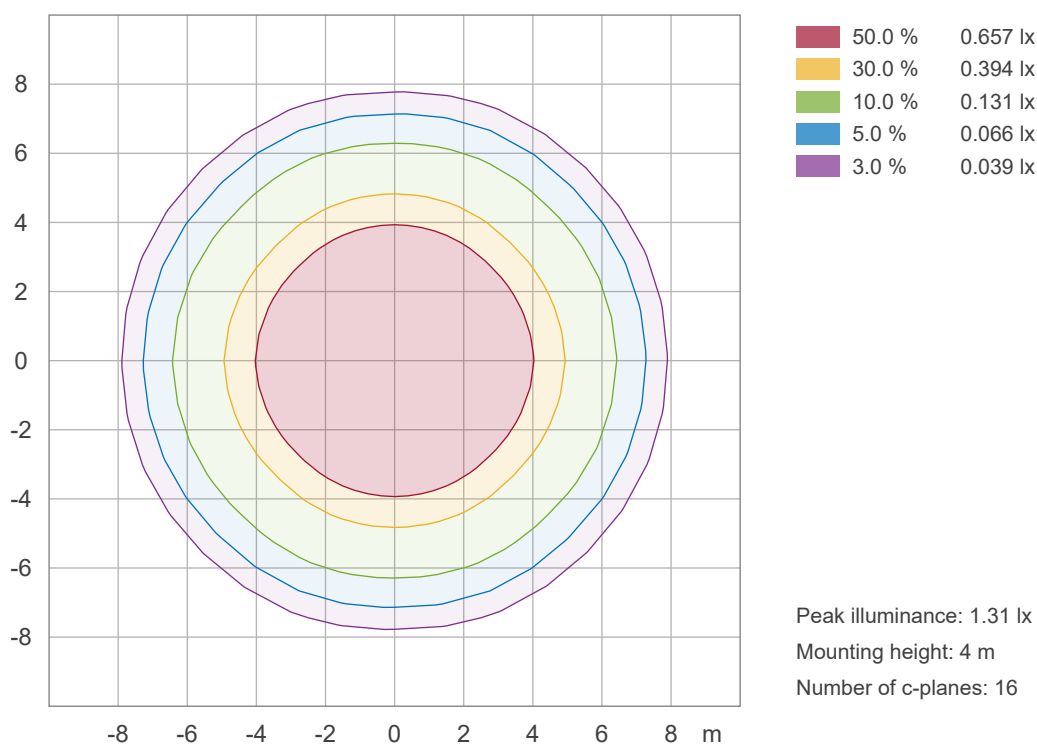
LAMPS (number of lamps)



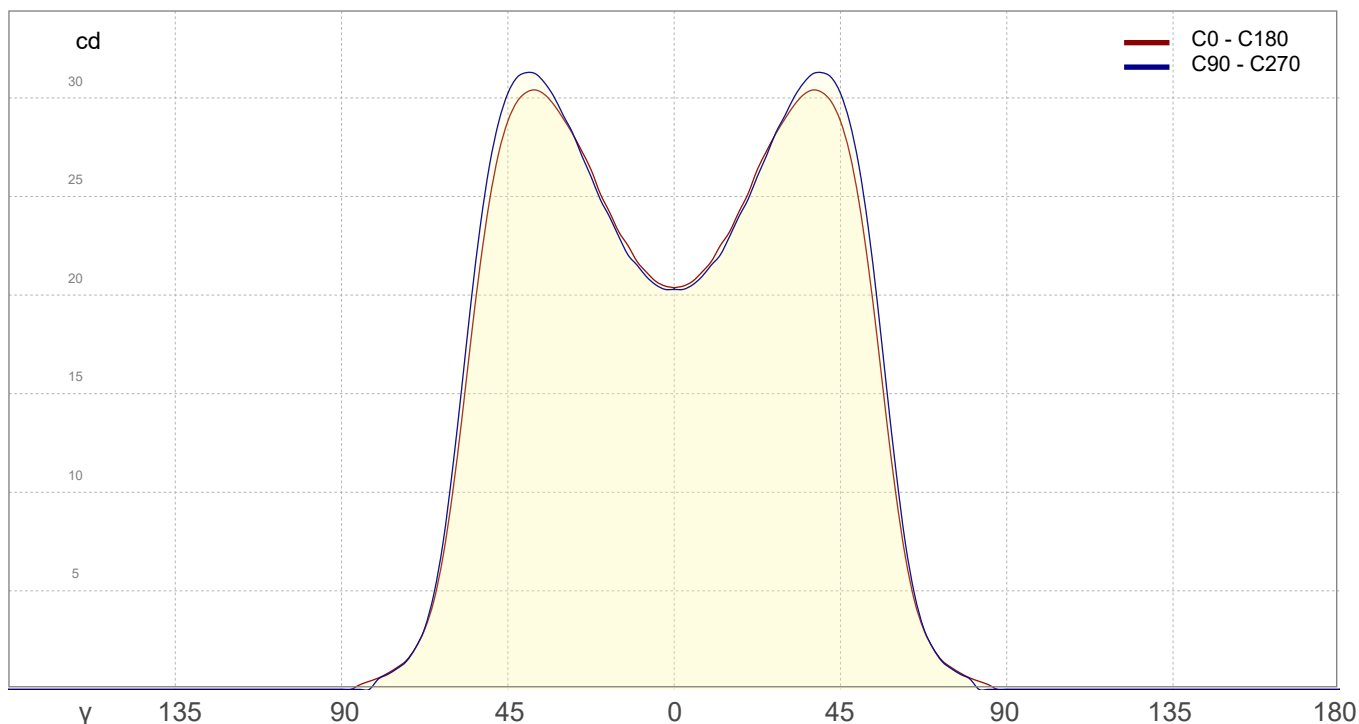
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

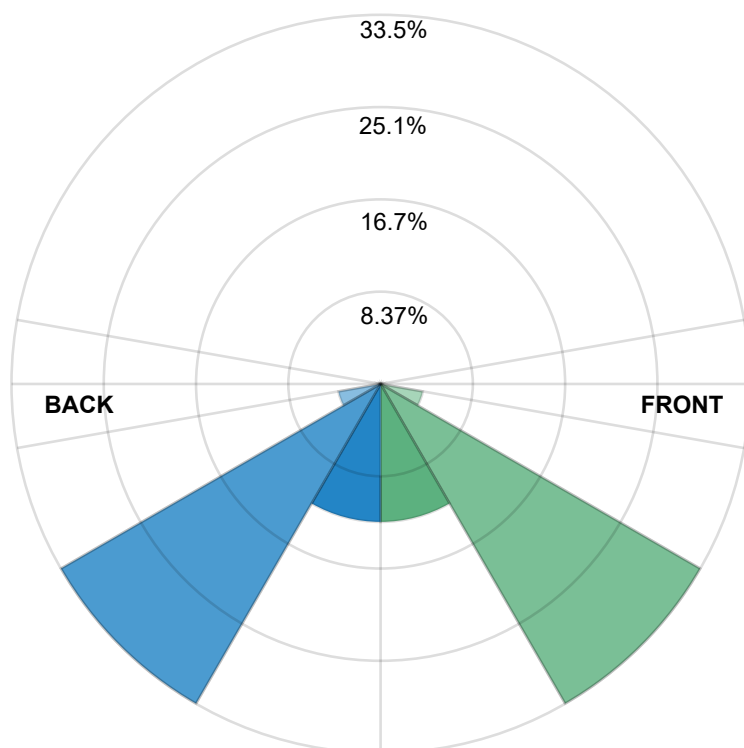


Linear intensity distribution diagram



IESNA TM-15-07 Luminaire Classification System For Outdoor Luminaires

BUG rating B0 U0 G0



Forward Light

Low (0-30°)	10.6 lm	12.5%
Medium (30-60°)	28.4 lm	33.5%
High (60-80°)	3.3 lm	3.9%
Very High (80-90°)	0.1 lm	0.1%

Back Light

Low (0-30°)	10.6 lm	12.5%
Medium (30-60°)	28.4 lm	33.5%
High (60-80°)	3.3 lm	3.9%
Very High (80-90°)	0.1 lm	0.1%

Uplight

Low (90-100°)	0.0 lm	0.00%
High (100-180°)	0.0 lm	0.0%

Total

Sum	84.8 lm	100,0%
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