

Light measurement report

Laboratory results

Print date 12-06-2026

Laboratory and Equipment

Test lab	GLLED
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	5/26/2026

Measurement Conditions

Tested c-planes	16
Tested gamma angles	73 – 2.50°
Input Power	2 W

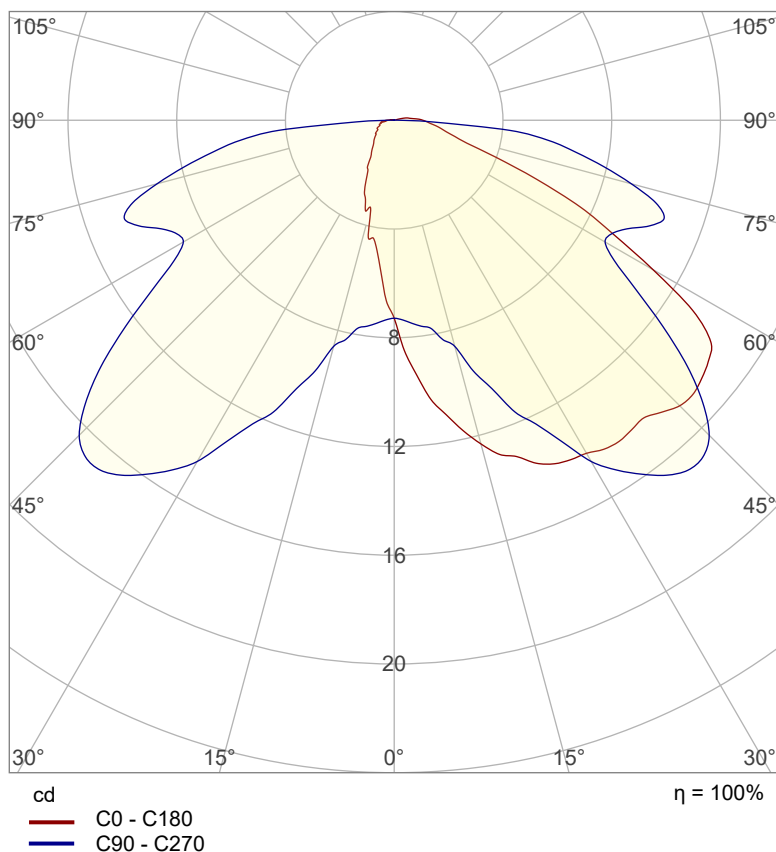
Tested Light Source

Luminaire	RAM BLK 30K
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	GARDEN LIGHT LED

Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	76 lm – 4.848% / 95.15%
Efficiency	38 lm/W
Peak Intensity	64.42 cd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

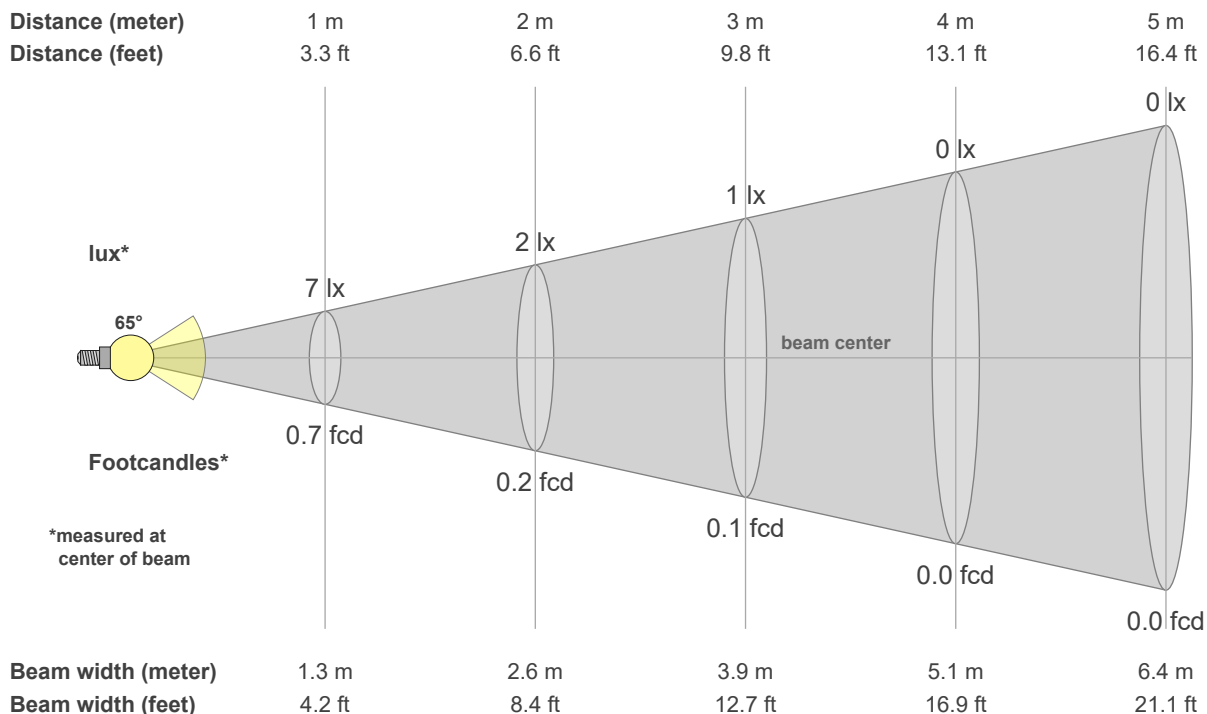


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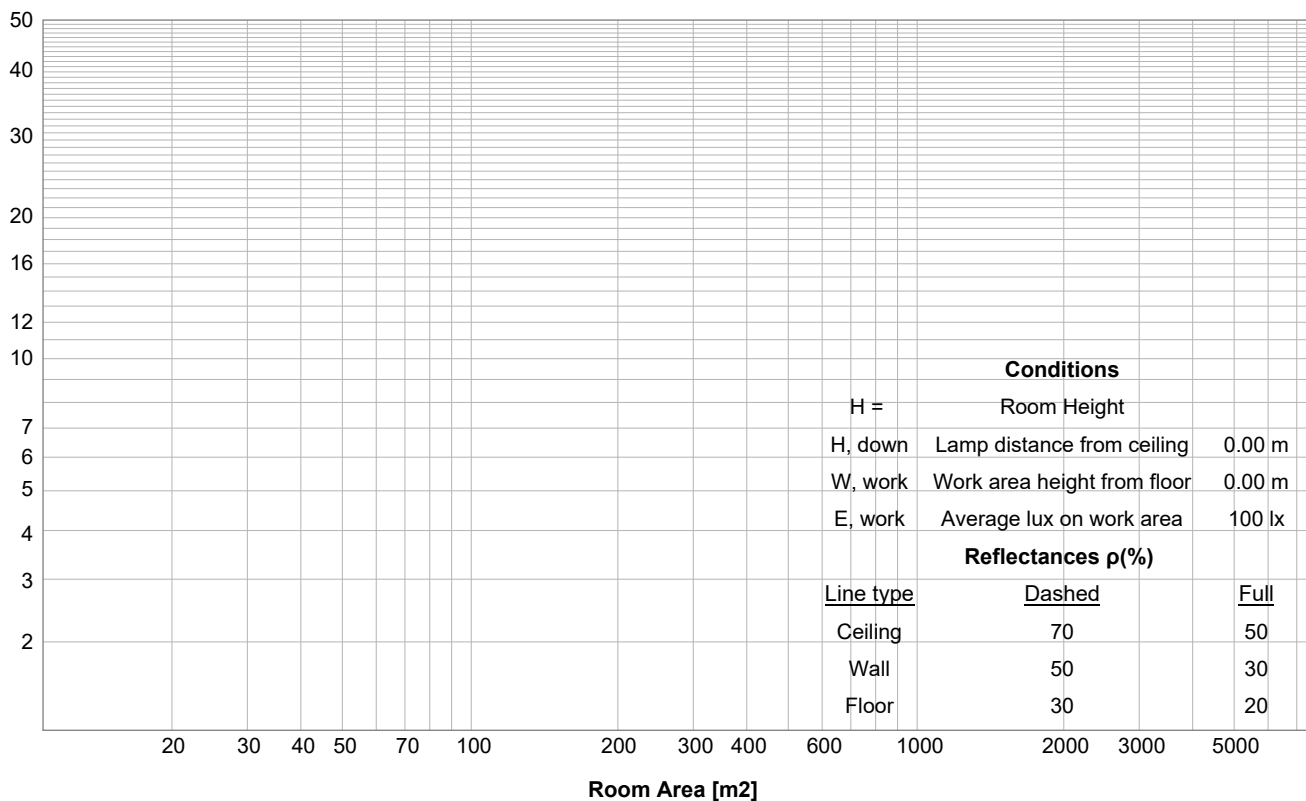
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Beam details

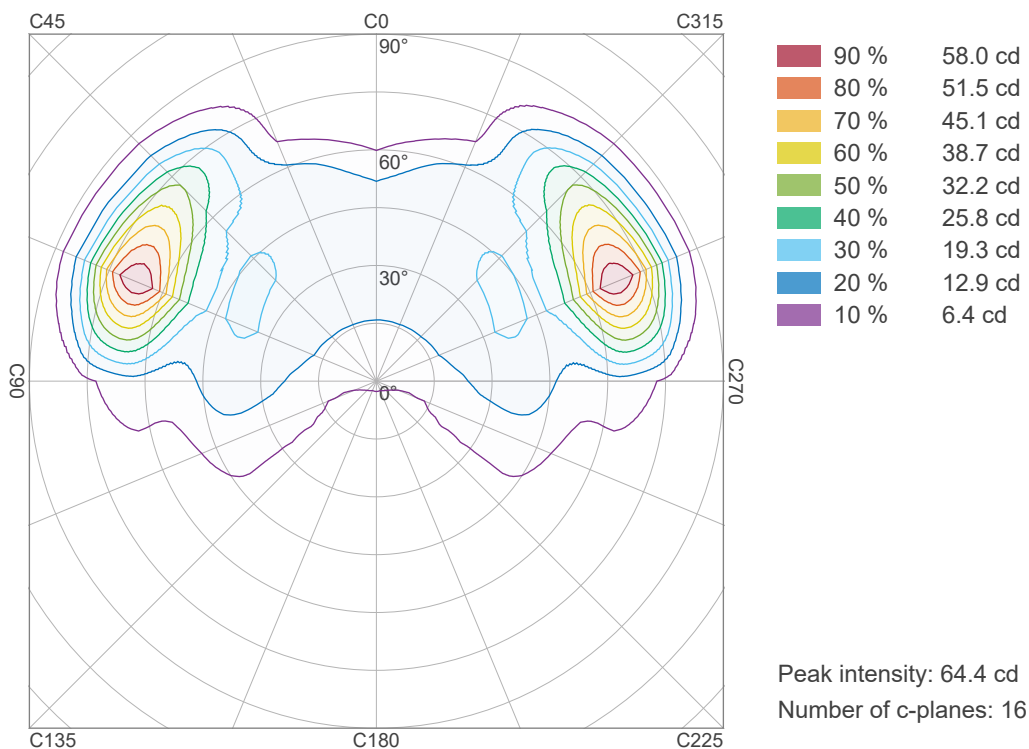


Luminaire budgetary diagram

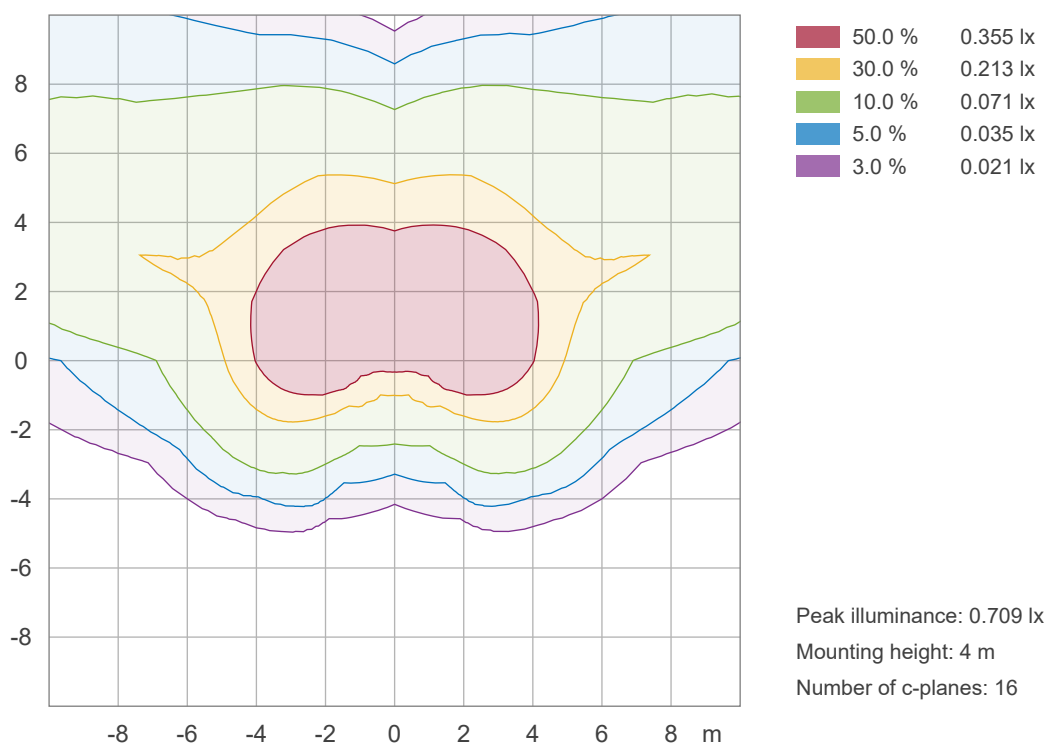
LAMPS (number of lamps)



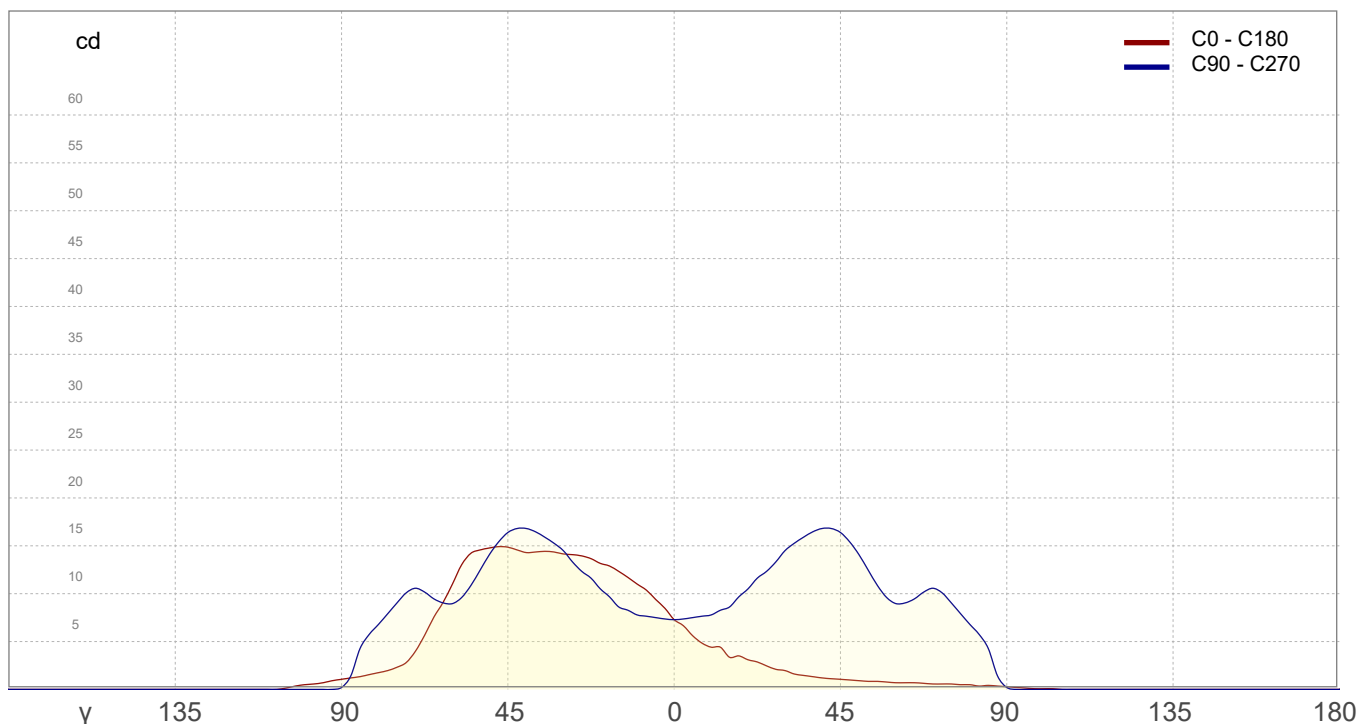
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

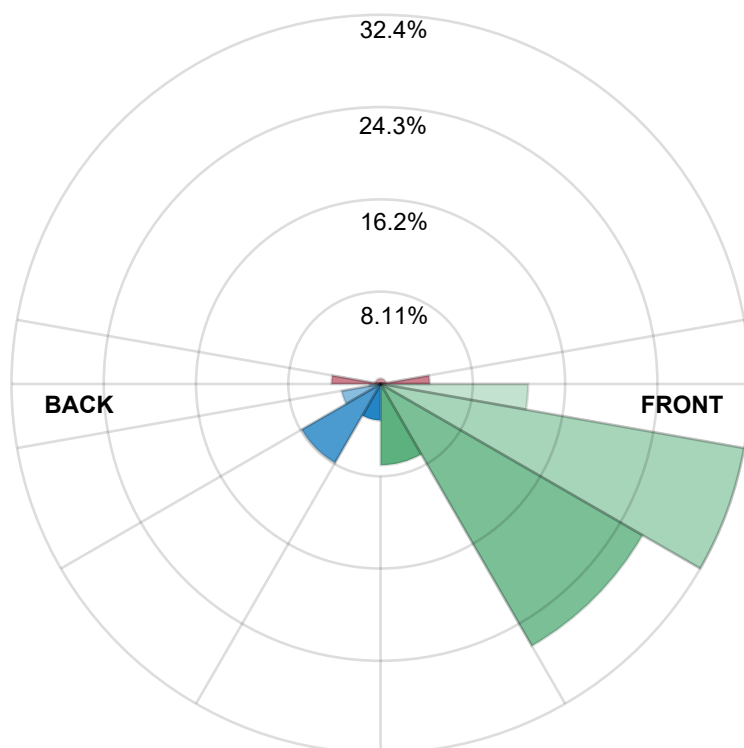


Linear intensity distribution diagram



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

BUG rating B0 U1 G0



Forward Light

Low (0-30°)	5.4 lm	7.1%
Medium (30-60°)	20.2 lm	26.6%
High (60-80°)	24.6 lm	32.4%
Very High (80-90°)	9.9 lm	13.0%

Back Light

Low (0-30°)	2.4 lm	3.2%
Medium (30-60°)	6.1 lm	8.0%
High (60-80°)	2.6 lm	3.5%
Very High (80-90°)	0.7 lm	1.0%

Uplight

Low (90-100°)	3.3 lm	4.31%
High (100-180°)	0.4 lm	0.5%

Total

Sum	76.0 lm	100,0%
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