

# Light measurement report

Laboratory results

Print date 01-05-2026

## Laboratory and Equipment

Test lab	GLLED
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	5/1/2026

## Measurement Conditions

Tested c-planes	16
Tested gamma angles	73 – 2.50°
Input Power	2.7 W

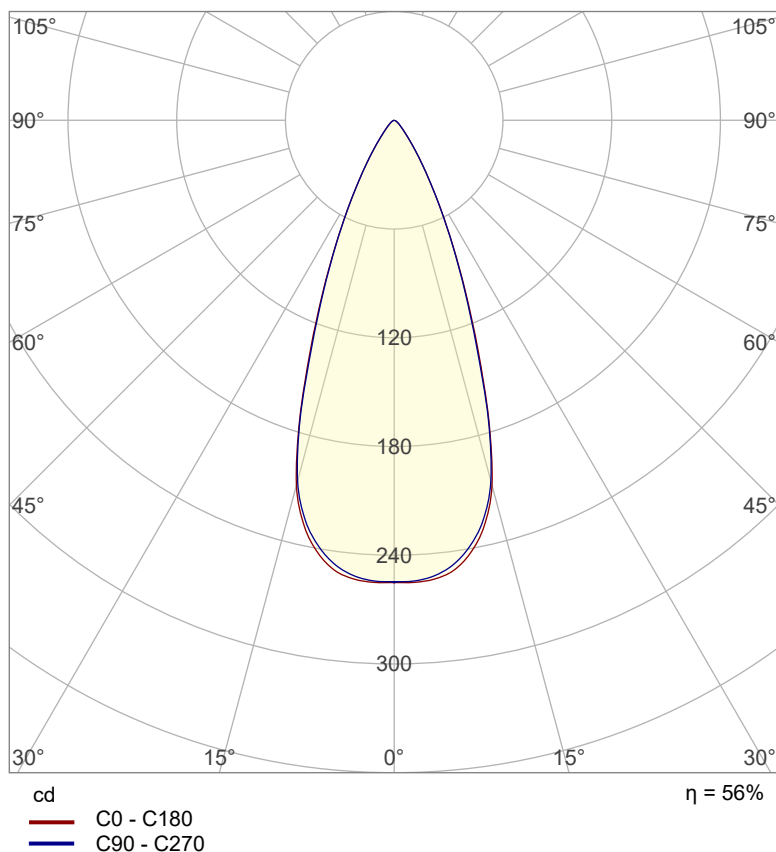
## Tested Light Source

Luminaire	MS206 SSA
Basic Luminous Shape	SPOT
Item No.	
Manufacturer	GARDEN LIGHT LED

## Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	140 lm – 0% / 100%
Efficiency	51.85 lm/W
Peak Intensity	255.2 cd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index	CRI 85.0

## Polar light distribution diagram

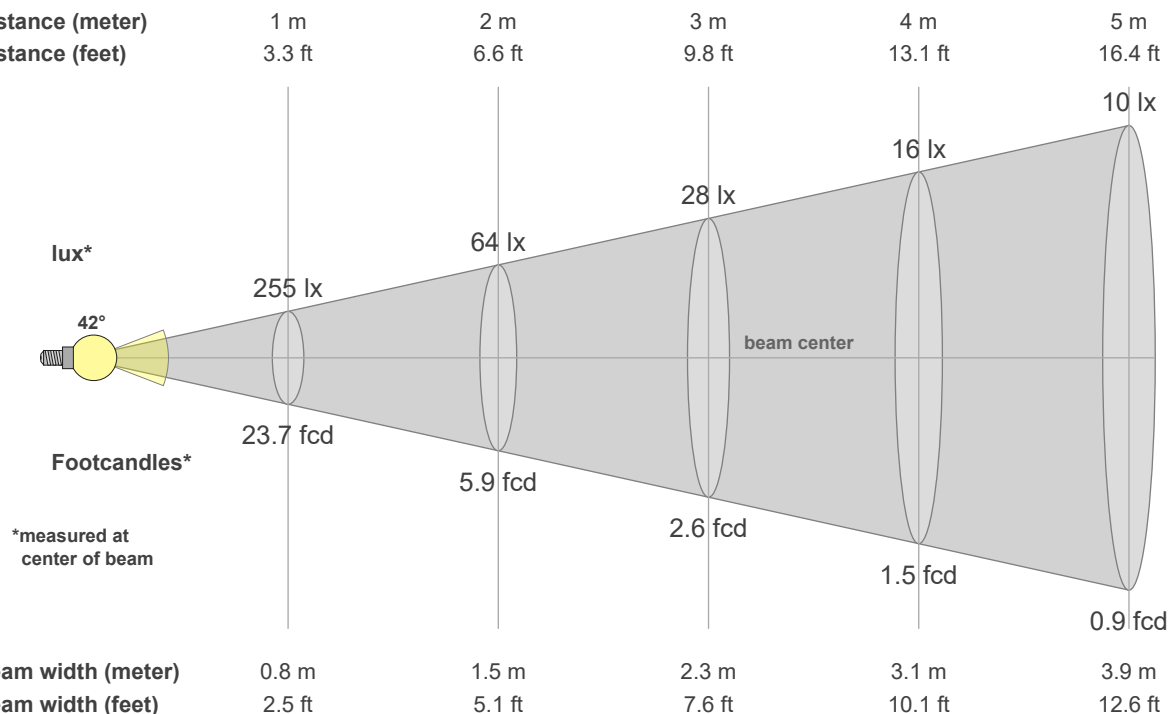


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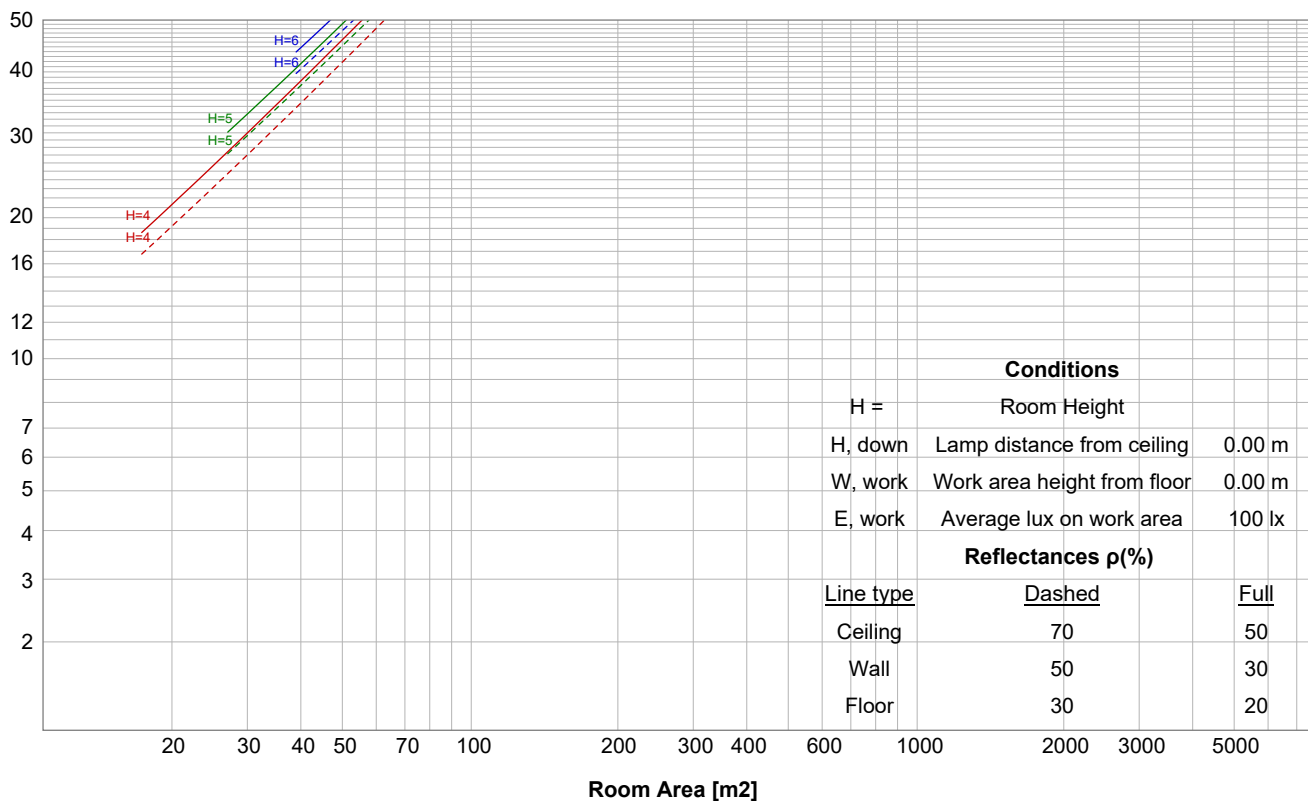
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## Beam details

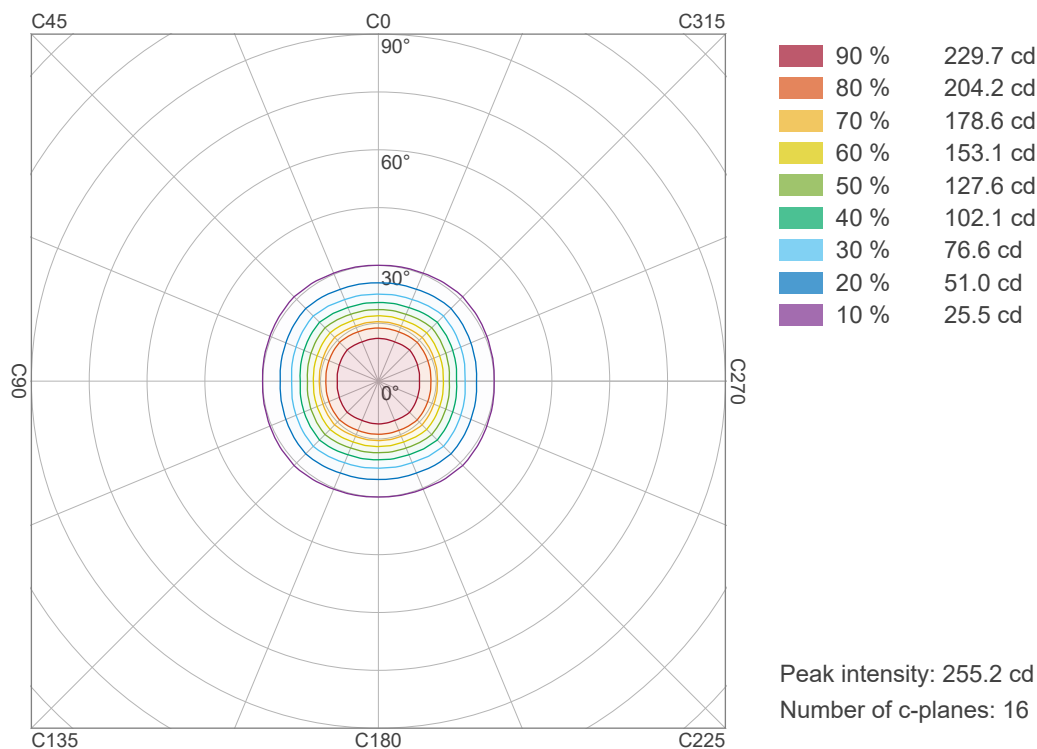


## Luminaire budgetary diagram

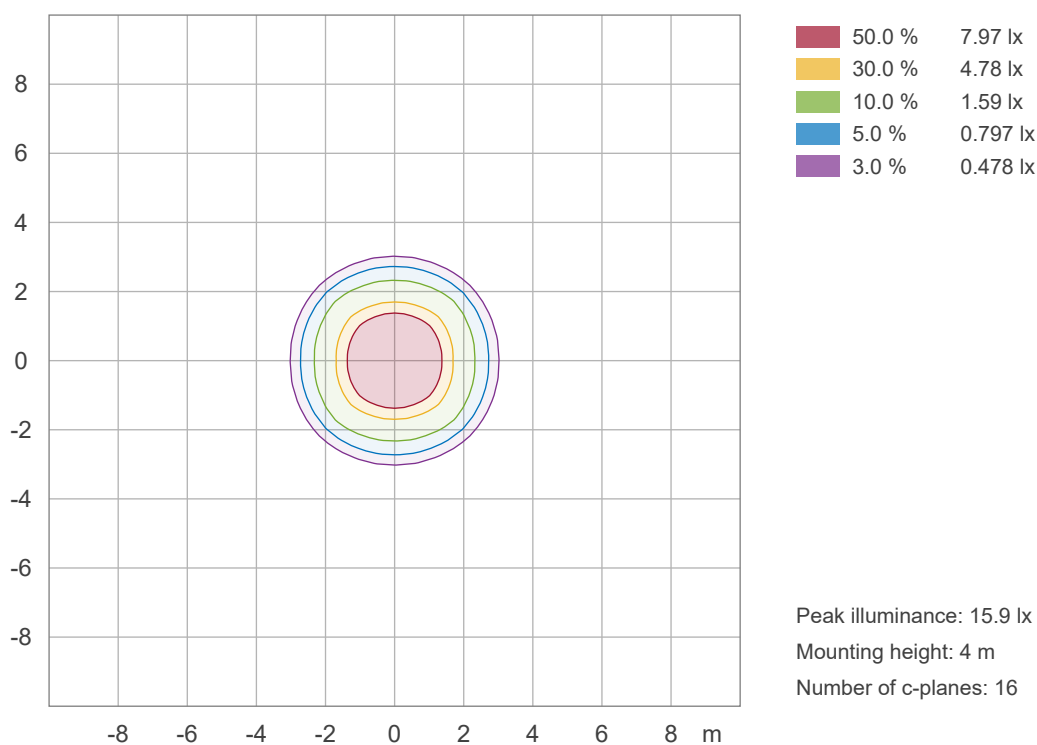
LAMPS (number of lamps)



## Iso-intensity Diagram (Iso-candela)



## Iso-illuminance Diagram (Iso-lux)

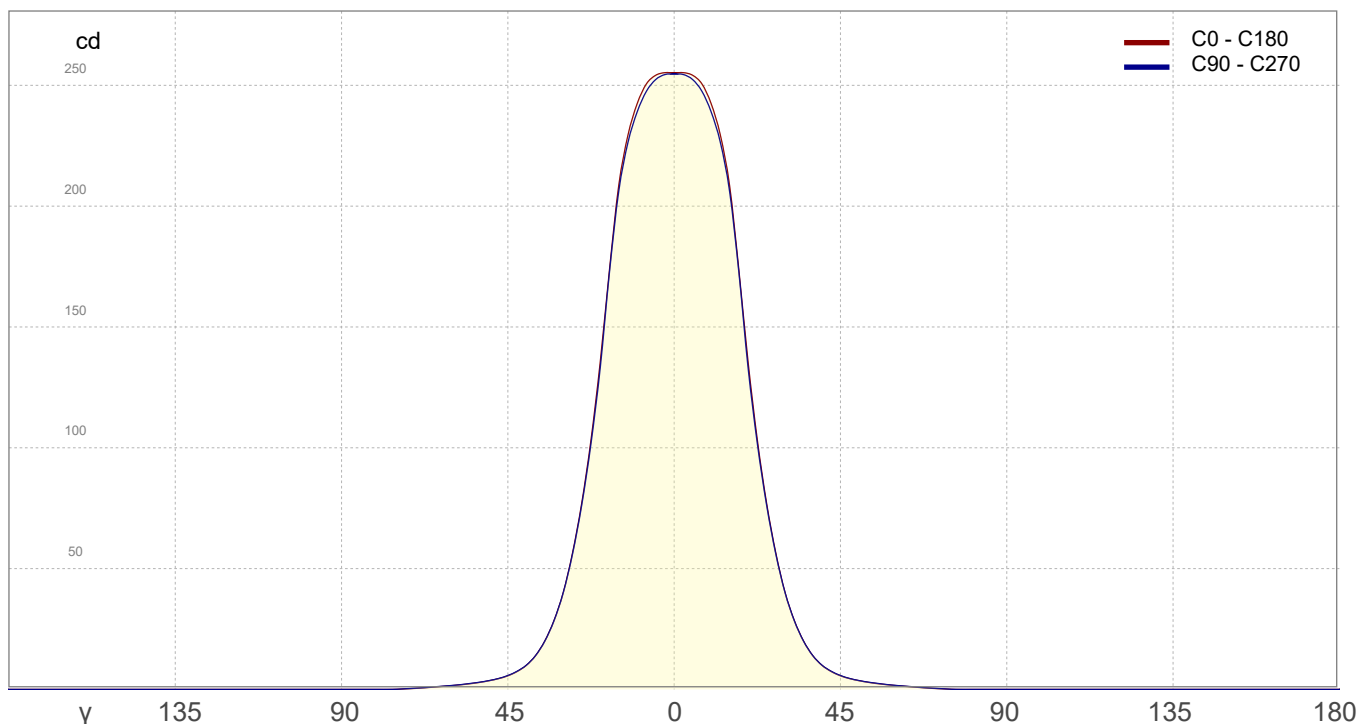


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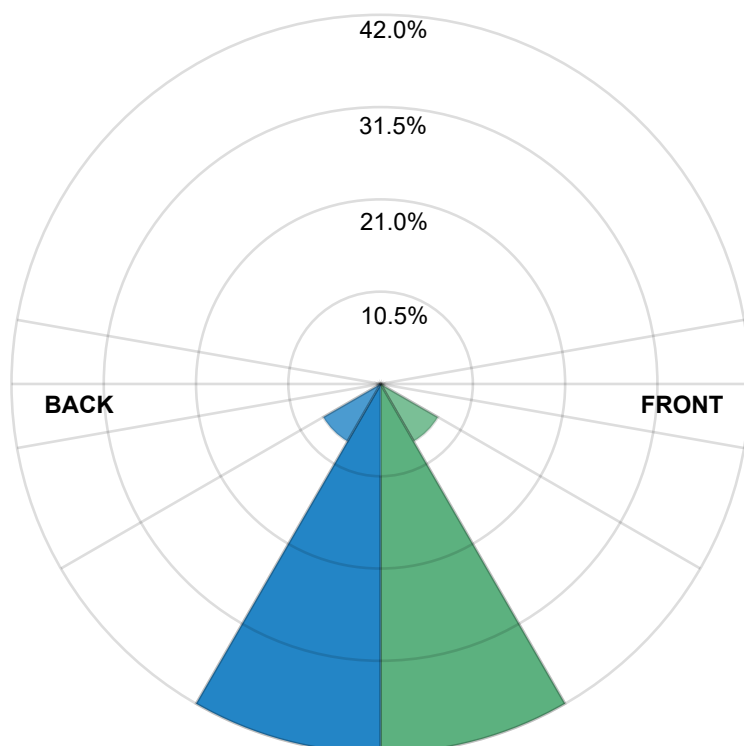
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## Linear intensity distribution diagram



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

BUG rating B0 U0 G0



### Forward Light

Low (0-30°)	58.9 lm	42.0%
Medium (30-60°)	10.6 lm	7.5%
High (60-80°)	0.6 lm	0.4%
Very High (80-90°)	0.0 lm	0.0%

### Back Light

Low (0-30°)	58.9 lm	42.0%
Medium (30-60°)	10.6 lm	7.5%
High (60-80°)	0.6 lm	0.4%
Very High (80-90°)	0.0 lm	0.0%

### Uplight

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

### Total

Sum	140.0 lm	100,0%
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