

Light measurement report

Laboratory results

Print date 28-05-2026

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 |

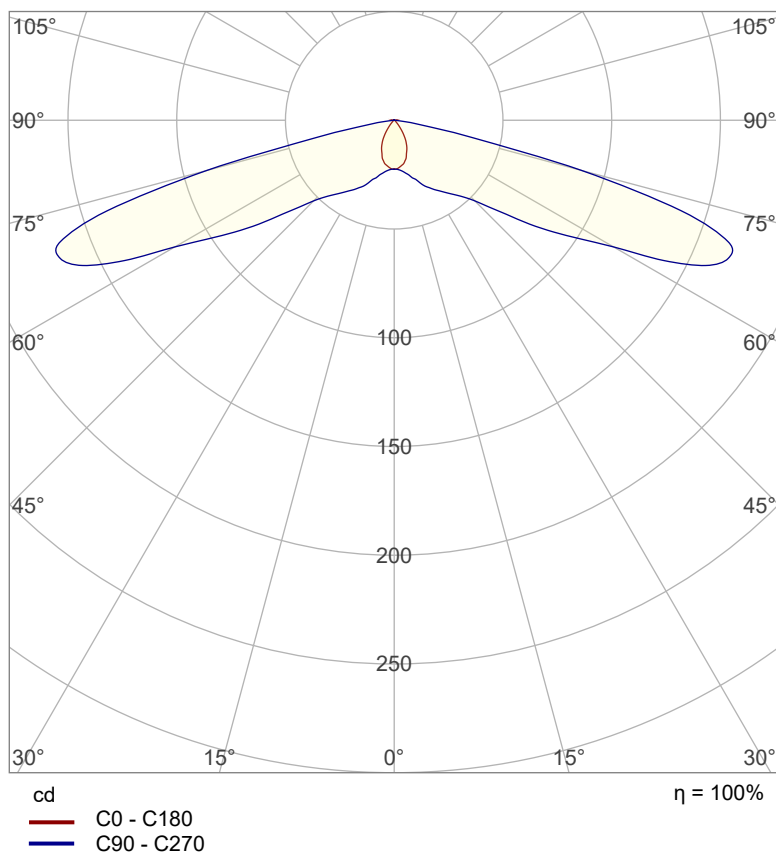
Tested Light Source

| | |
|----------------------|------------------|
| Luminaire | OWL BLK 30K |
| Basic Luminous Shape | PANEL |
| Item No. | |
| Manufacturer | GARDEN LIGHT LED |

Main Light Measurement Results

| | |
|------------------------------------|----------------------------|
| Output – Total Lumen (Up% / Down%) | 88.2 lm – 0.0354% / 99.96% |
| Efficiency | 44.1 lm/W |
| Peak Intensity | 166.2 cd |
| Correlated Color Temperature, CCT | 2700 K |
| Color Rendering Index | CRI 85.0 |

Polar light distribution diagram

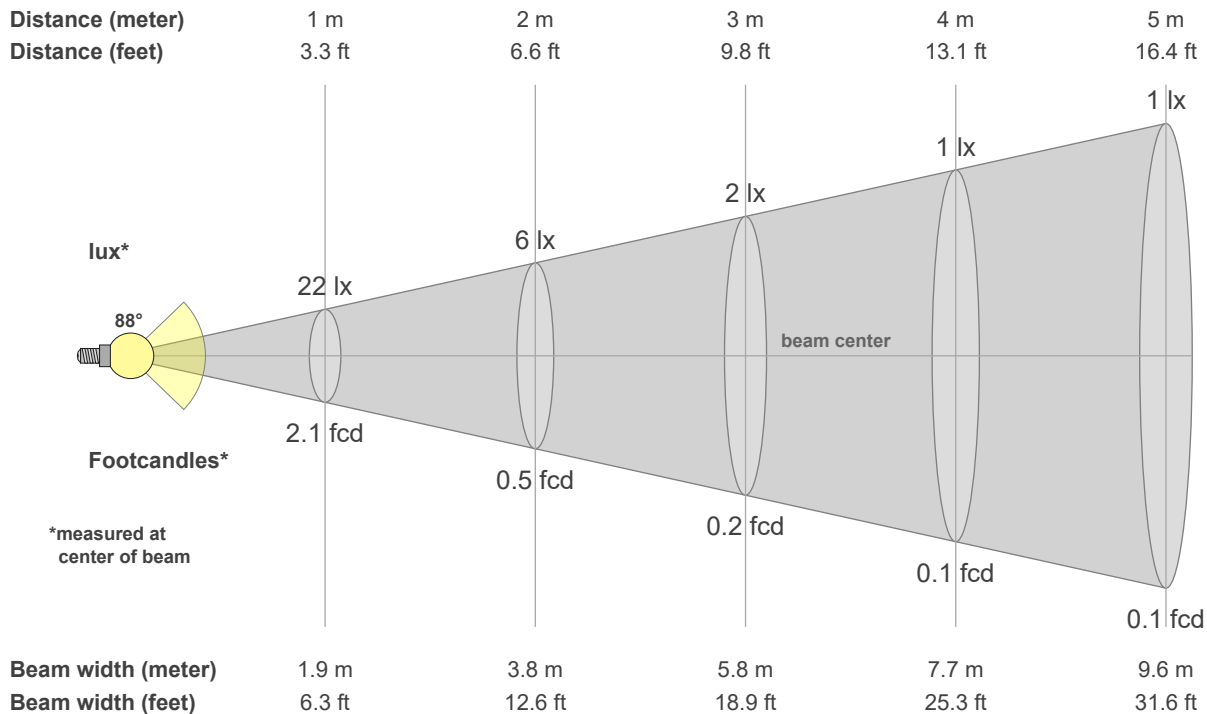


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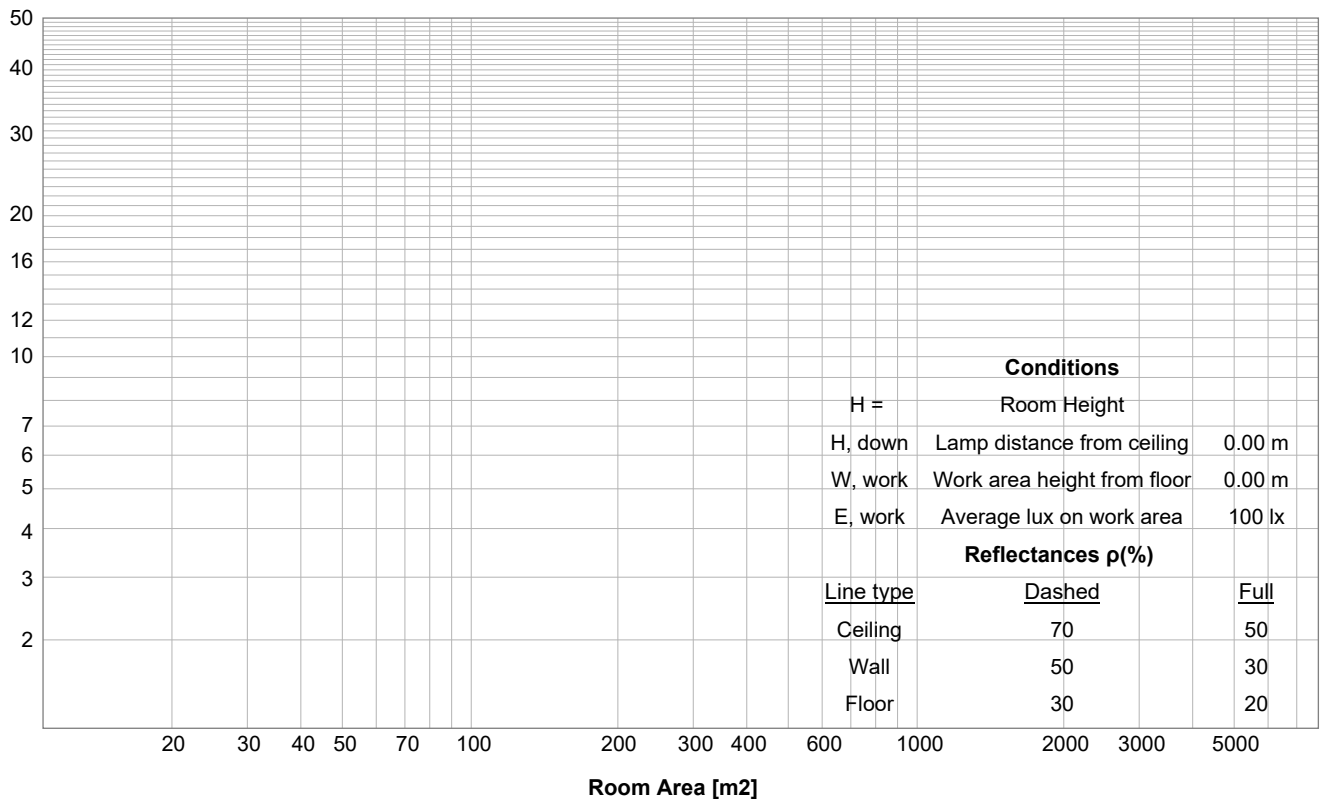
Print date 28-05-2026

Beam details

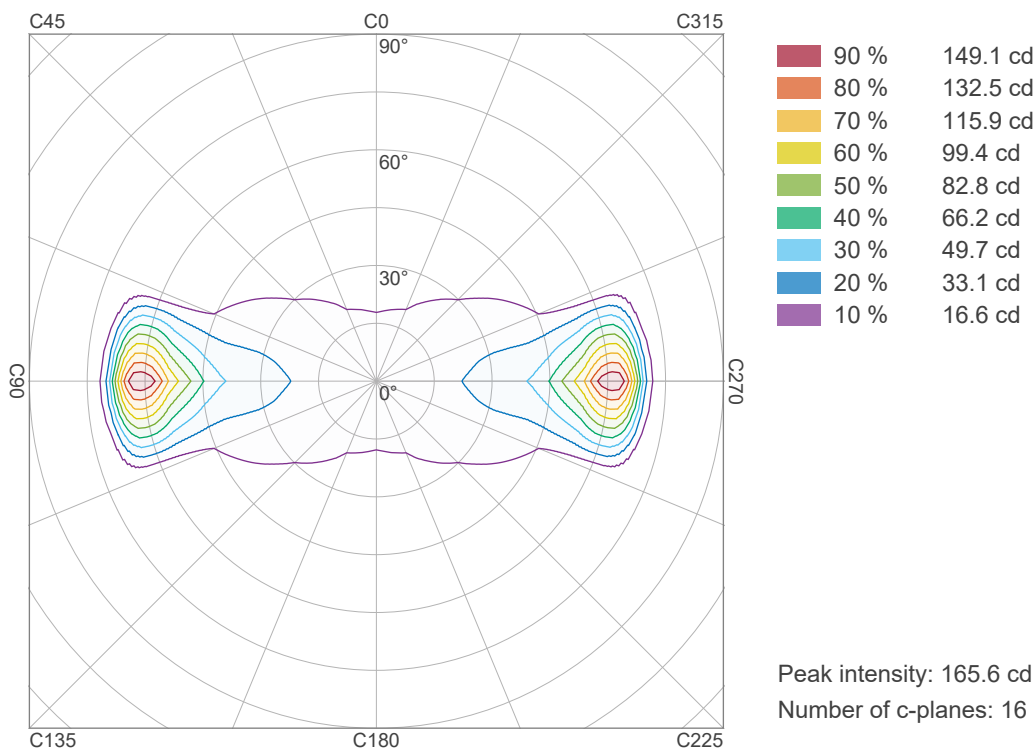


Luminaire budgetary diagram

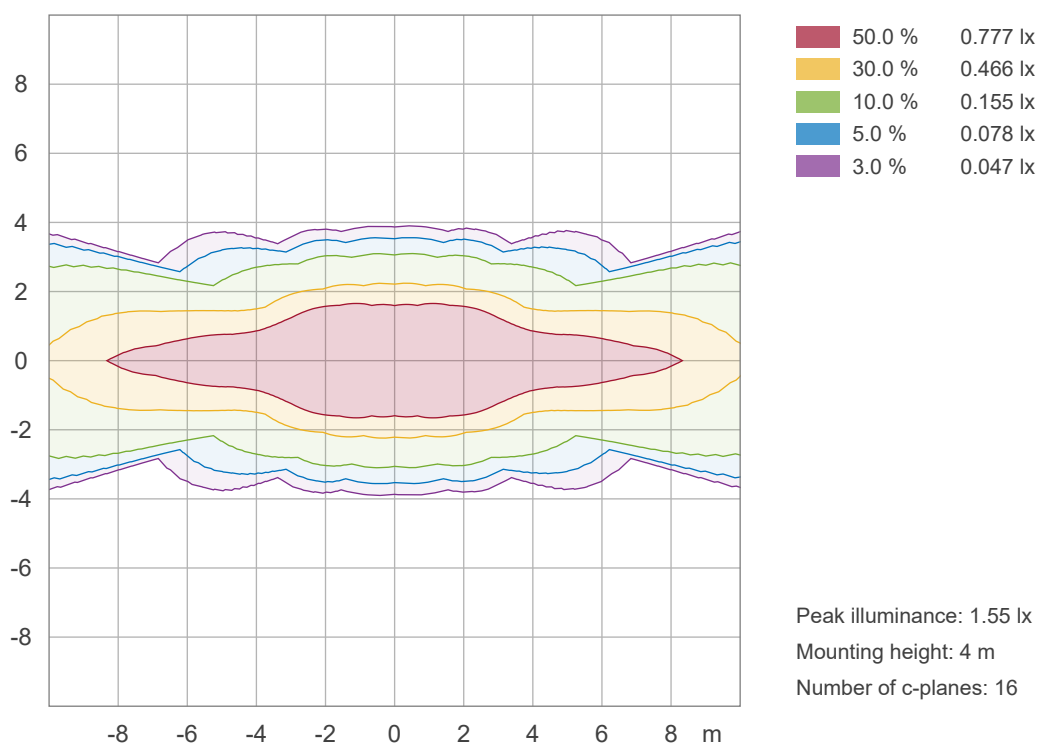
LAMPS (number of lamps)



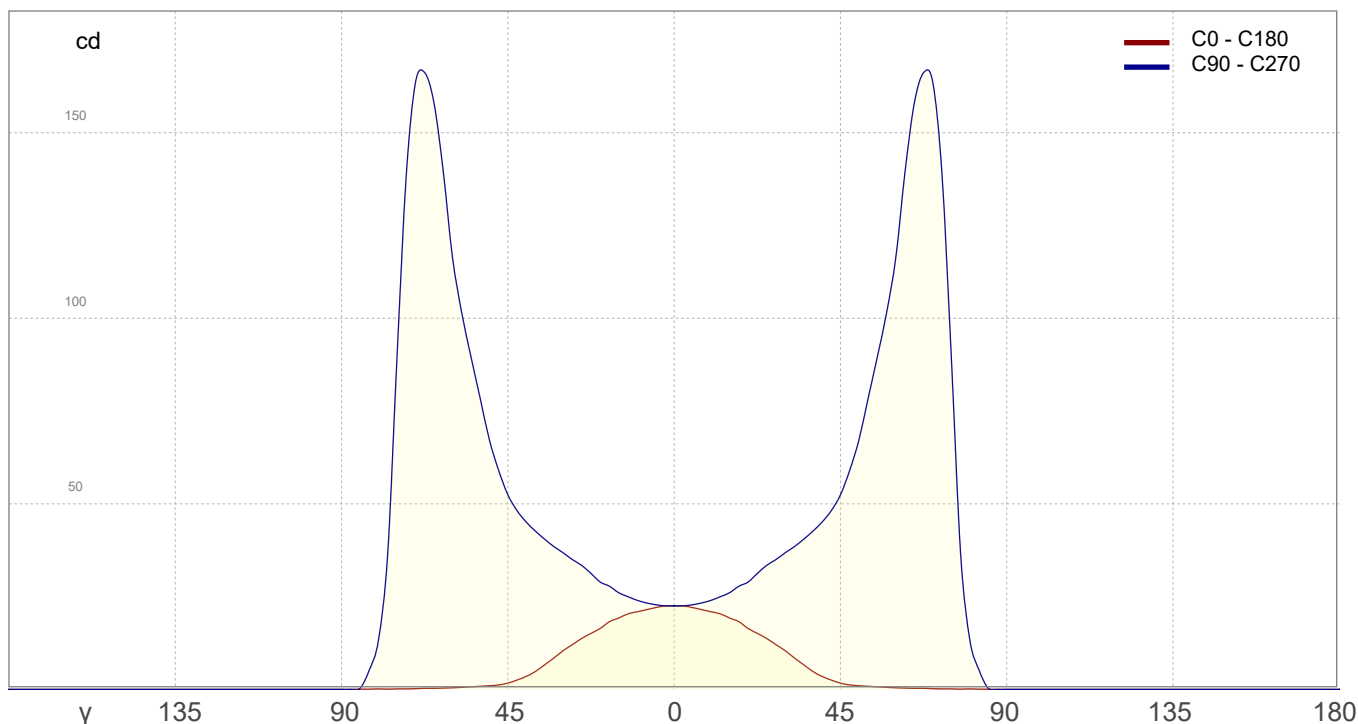
Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

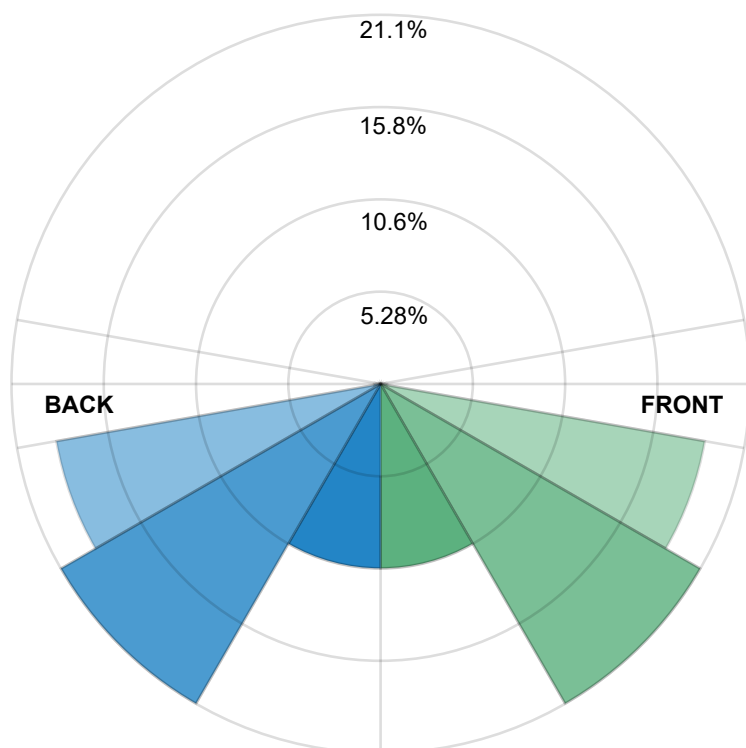


Linear intensity distribution diagram



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

BUG rating B0 U0 G0



Forward Light

| | | |
|--------------------|---------|-------|
| Low (0-30°) | 9.3 lm | 10.6% |
| Medium (30-60°) | 18.6 lm | 21.1% |
| High (60-80°) | 16.6 lm | 18.8% |
| Very High (80-90°) | 0.3 lm | 0.4% |

Back Light

| | | |
|--------------------|---------|-------|
| Low (0-30°) | 9.3 lm | 10.6% |
| Medium (30-60°) | 18.6 lm | 21.1% |
| High (60-80°) | 16.6 lm | 18.8% |
| Very High (80-90°) | 0.3 lm | 0.4% |

Uplight

| | | |
|-----------------|--------|-------|
| Low (90-100°) | 0.0 lm | 0.04% |
| High (100-180°) | 0.0 lm | 0.0% |

Total

| | | |
|-----|---------|--------|
| Sum | 88.2 lm | 100,0% |
|-----|---------|--------|