

# Light measurement report



## Laboratory and Equipment

|                                     |                |
|-------------------------------------|----------------|
| Test lab                            | n/a            |
| Spectrometer Manufacturer and Model | n/a, n/a – n/a |
| Measurement date                    | 7/14/2026      |

## Measurement Conditions

|                     |             |
|---------------------|-------------|
| Tested c-planes     | 8           |
| Tested gamma angles | 181 – 1.00° |
| Input Power         | 10 W        |

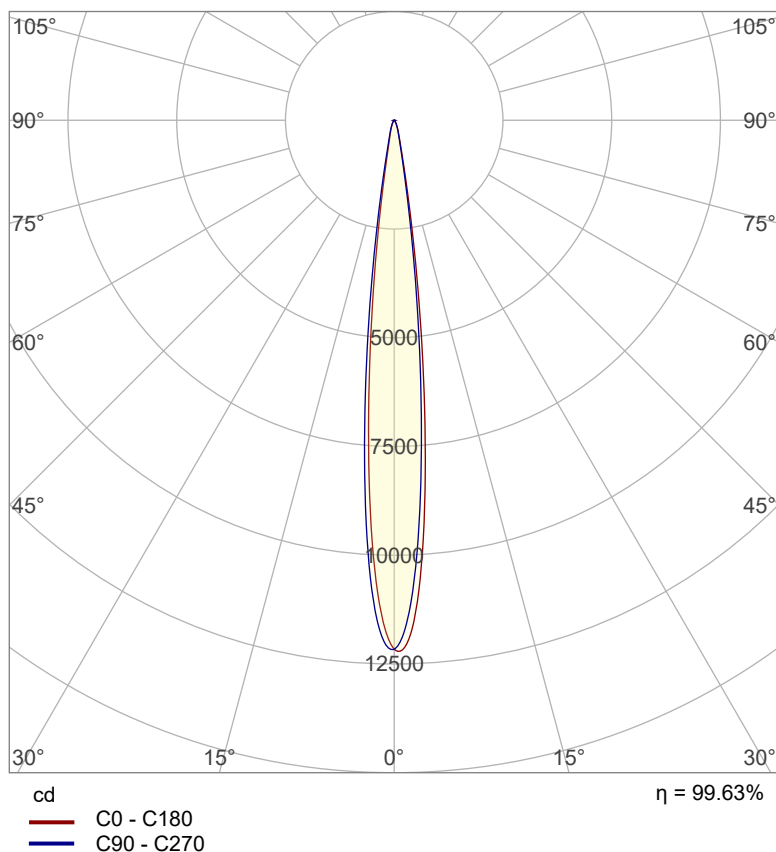
## Tested Light Source

|                      |                   |
|----------------------|-------------------|
| Luminaire            | 2021/8/2 17:50:02 |
| Basic Luminous Shape | PANEL             |
| Item No.             |                   |
| Manufacturer         | Moon On Noon      |

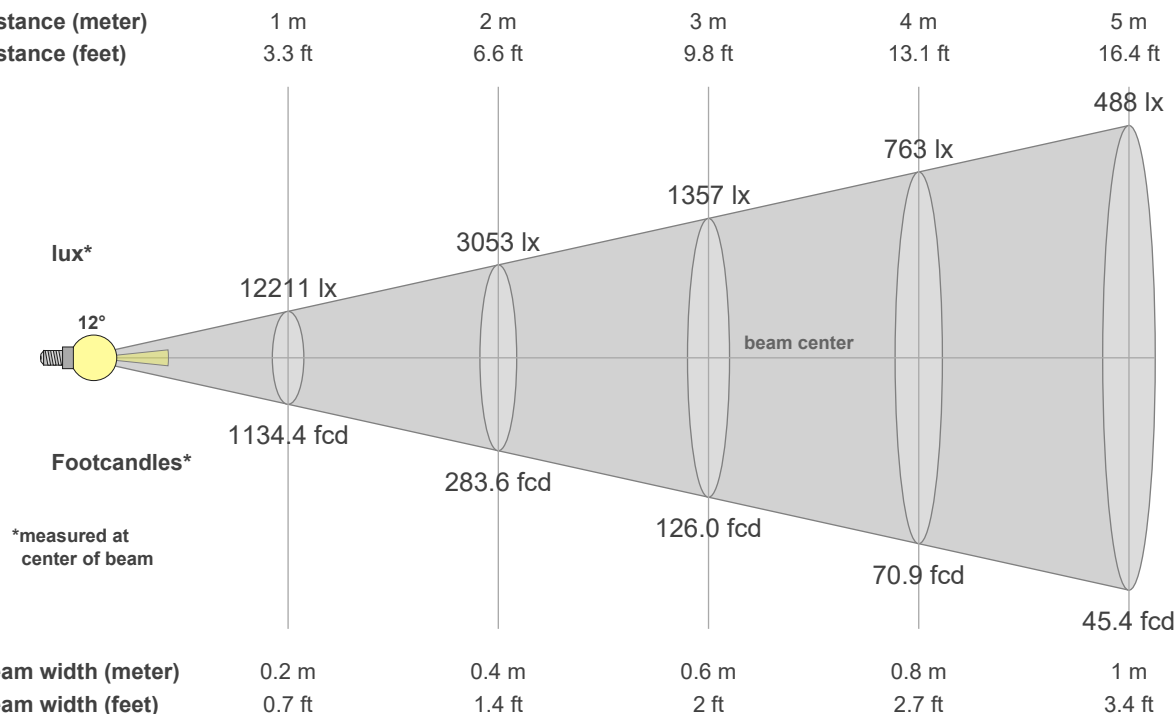
## Main Light Measurement Results

|                                    |                         |
|------------------------------------|-------------------------|
| Output – Total Lumen (Up% / Down%) | 790 lm – 0.0038% / 100% |
| Efficiency                         | 79 lm/W                 |
| Peak Intensity                     | 12.27 kcd               |
| Correlated Color Temperature, CCT  | 3000 K                  |
| Color Rendering Index              | CRI 85.0                |

## Polar light distribution diagram

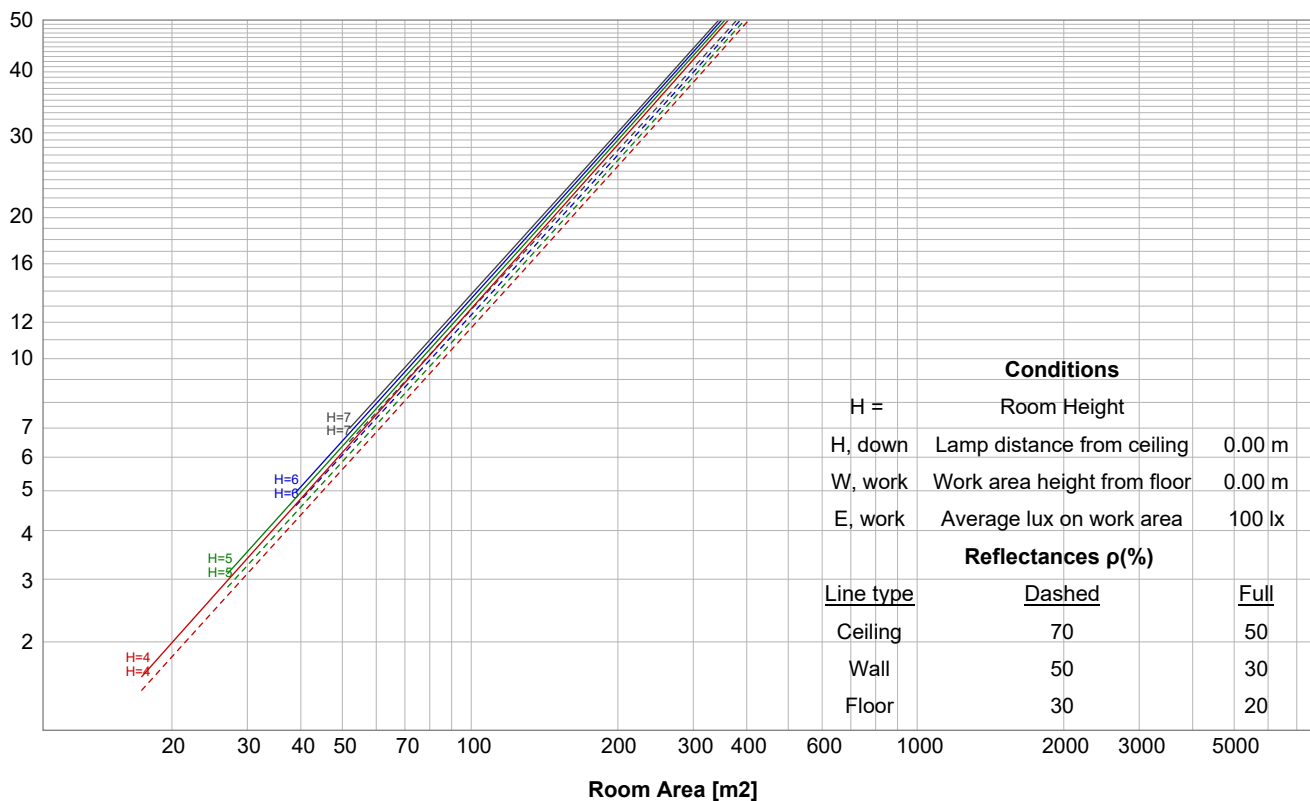


## Beam details

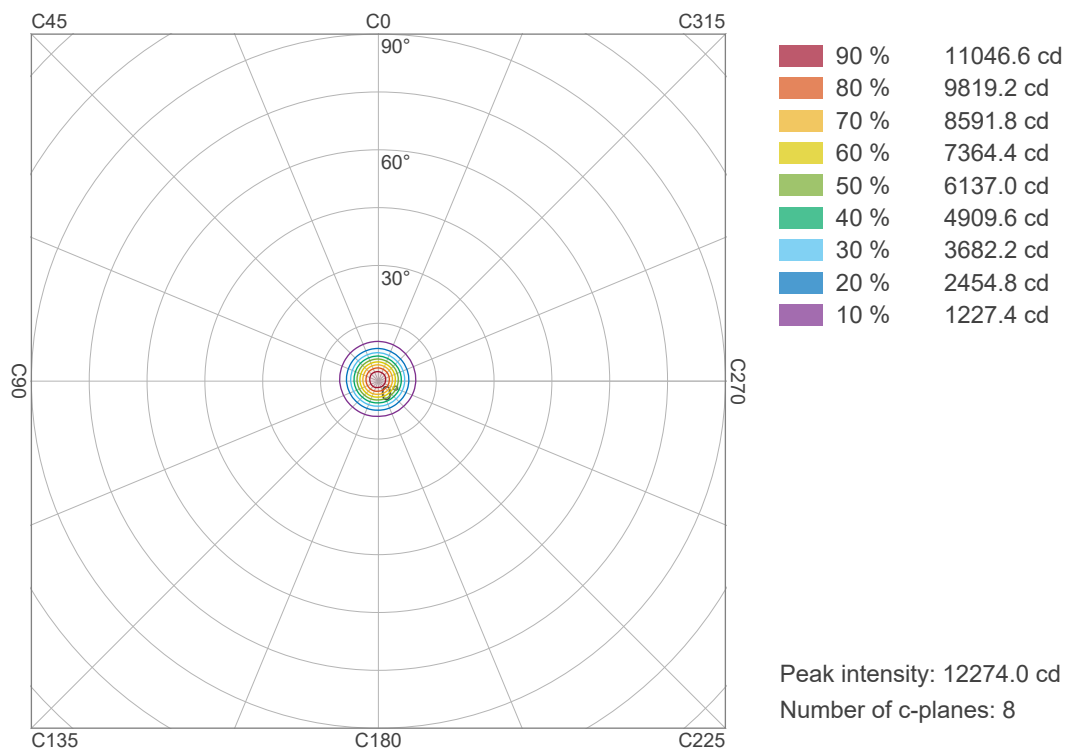


## Luminaire budgetary diagram

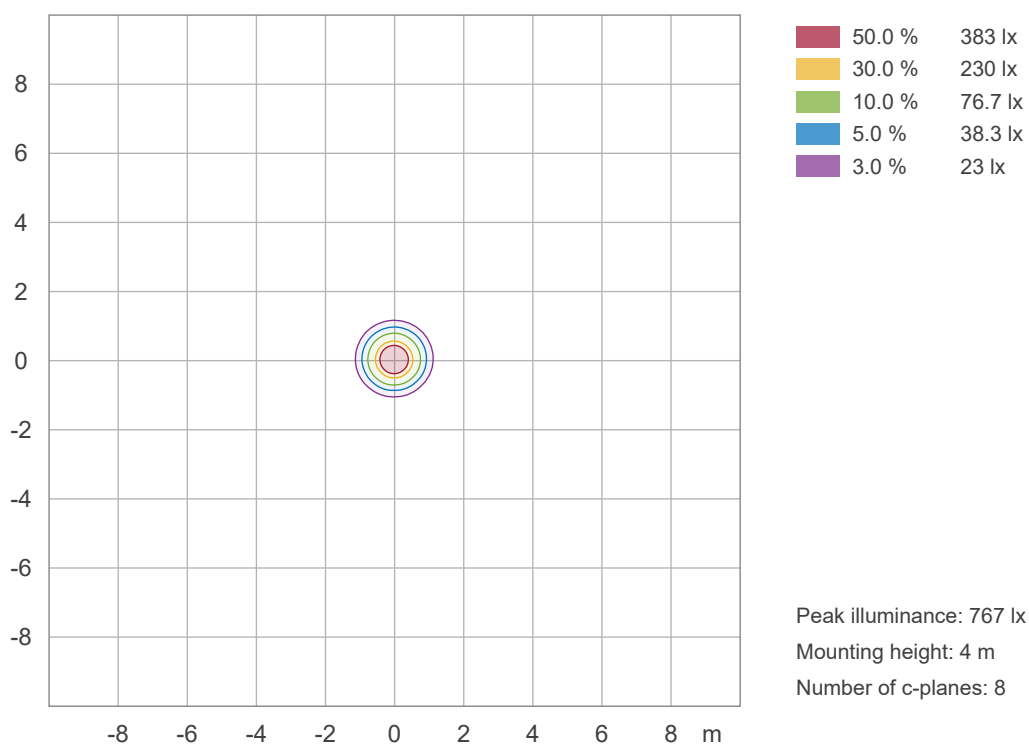
LAMPS (number of lamps)



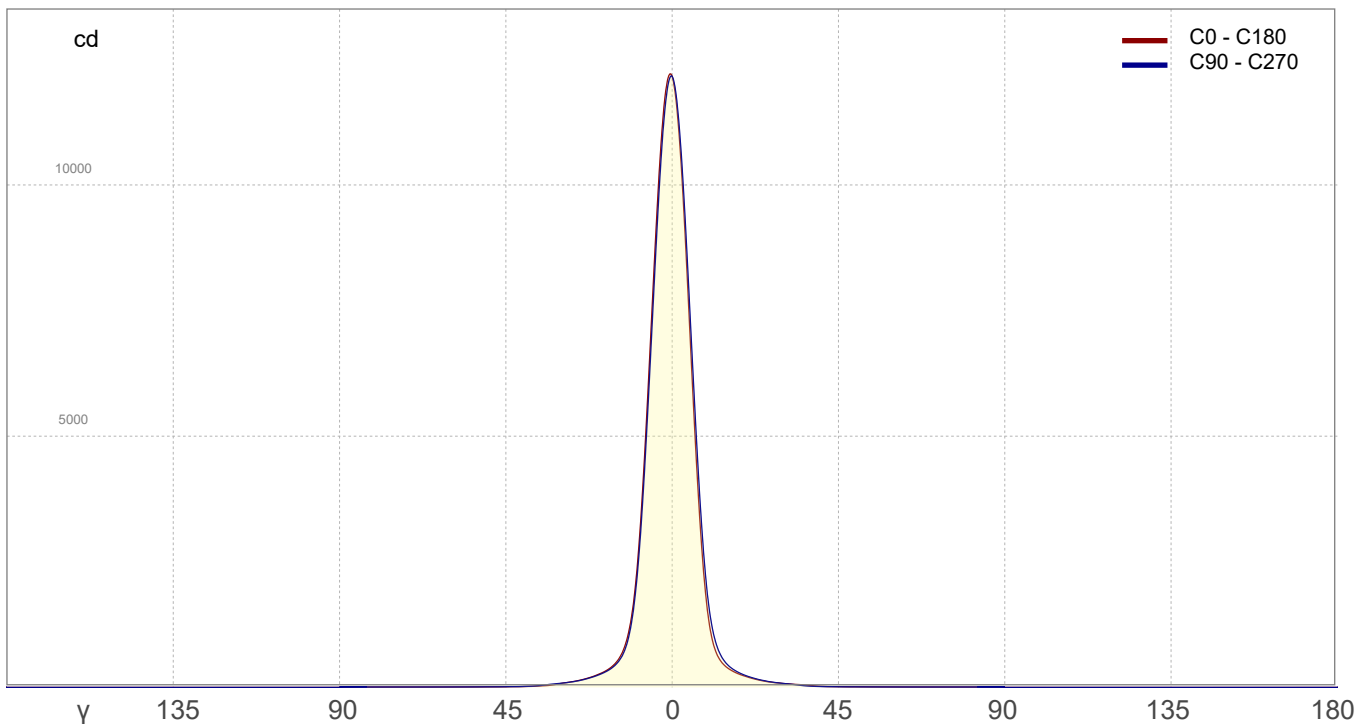
## Iso-intensity Diagram (Iso-candela)



## Iso-illuminance Diagram (Iso-lux)

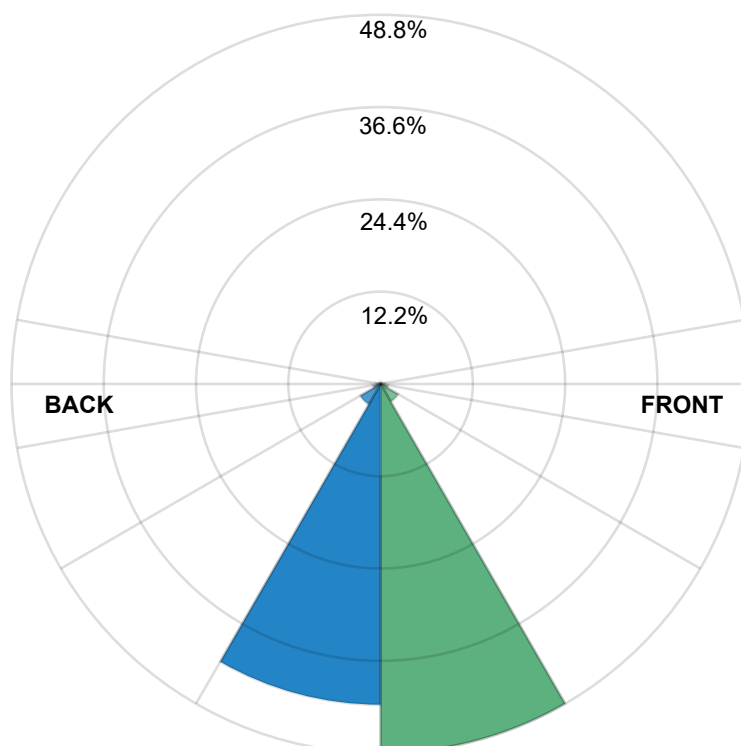


## Linear intensity distribution diagram



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

BUG rating B1 U0 G0



### Forward Light

|                    |          |       |
|--------------------|----------|-------|
| Low (0-30°)        | 385.5 lm | 48.8% |
| Medium (30-60°)    | 21.2 lm  | 2.7%  |
| High (60-80°)      | 7.8 lm   | 1.0%  |
| Very High (80-90°) | 4.0 lm   | 0.5%  |

### Back Light

|                    |          |       |
|--------------------|----------|-------|
| Low (0-30°)        | 335.0 lm | 42.4% |
| Medium (30-60°)    | 24.6 lm  | 3.1%  |
| High (60-80°)      | 7.9 lm   | 1.0%  |
| Very High (80-90°) | 4.0 lm   | 0.5%  |

### Uplight

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

### Total

|     |          |        |
|-----|----------|--------|
| Sum | 790.0 lm | 100,0% |
|-----|----------|--------|