

## Laboratory and Equipment

|                                     |                |
|-------------------------------------|----------------|
| Test lab                            | Moon On Noon   |
| Spectrometer Manufacturer and Model | n/a, n/a – n/a |
| Measurement date                    | 8/21/2026      |

## Measurement Conditions

|                     |             |
|---------------------|-------------|
| Tested c-planes     | 12          |
| Tested gamma angles | 181 – 1.00° |
| Input Power         | 6.33 W      |

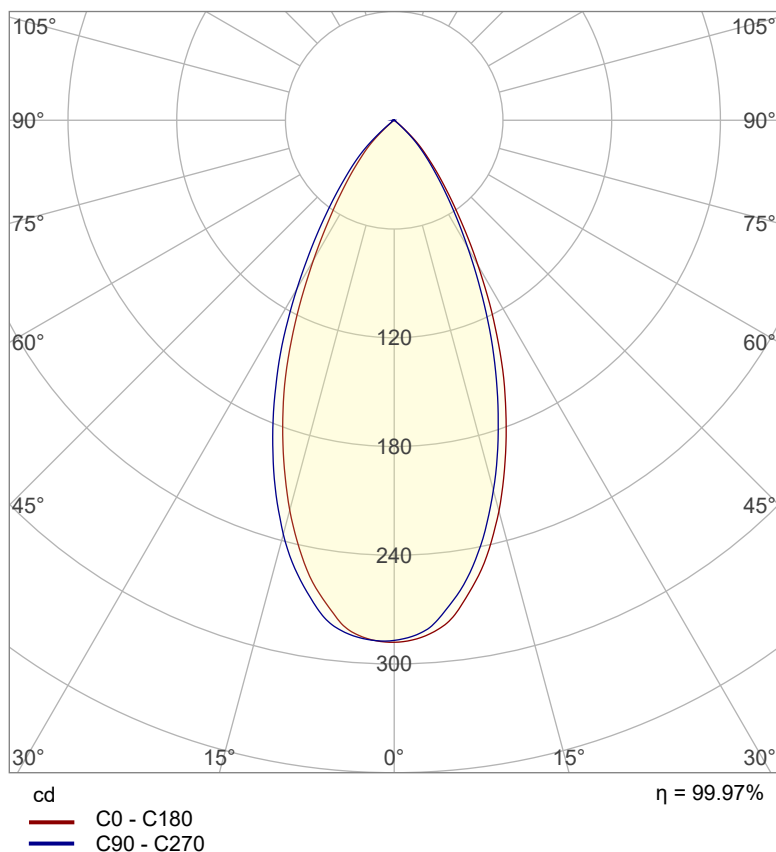
## Tested Light Source

|                      |              |
|----------------------|--------------|
| Luminaire            | MON-SA2206-N |
| Basic Luminous Shape | PANEL        |
| Item No.             |              |
| Manufacturer         | Moon On Noon |

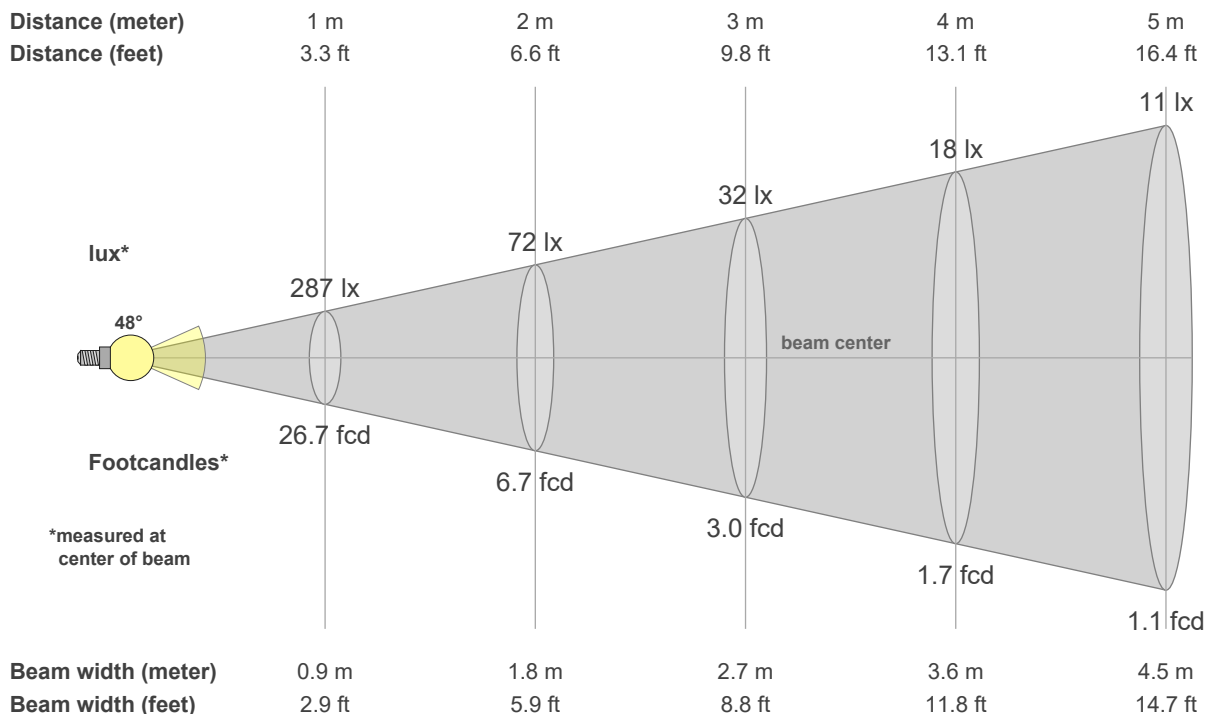
## Main Light Measurement Results

|                                    |                           |
|------------------------------------|---------------------------|
| Output – Total Lumen (Up% / Down%) | 203.9 lm – 0.0003% / 100% |
| Efficiency                         | 32.22 lm/W                |
| Peak Intensity                     | 288 cd                    |
| Correlated Color Temperature, CCT  | 3000 K                    |
| Color Rendering Index              | CRI 85.0                  |

## Polar light distribution diagram

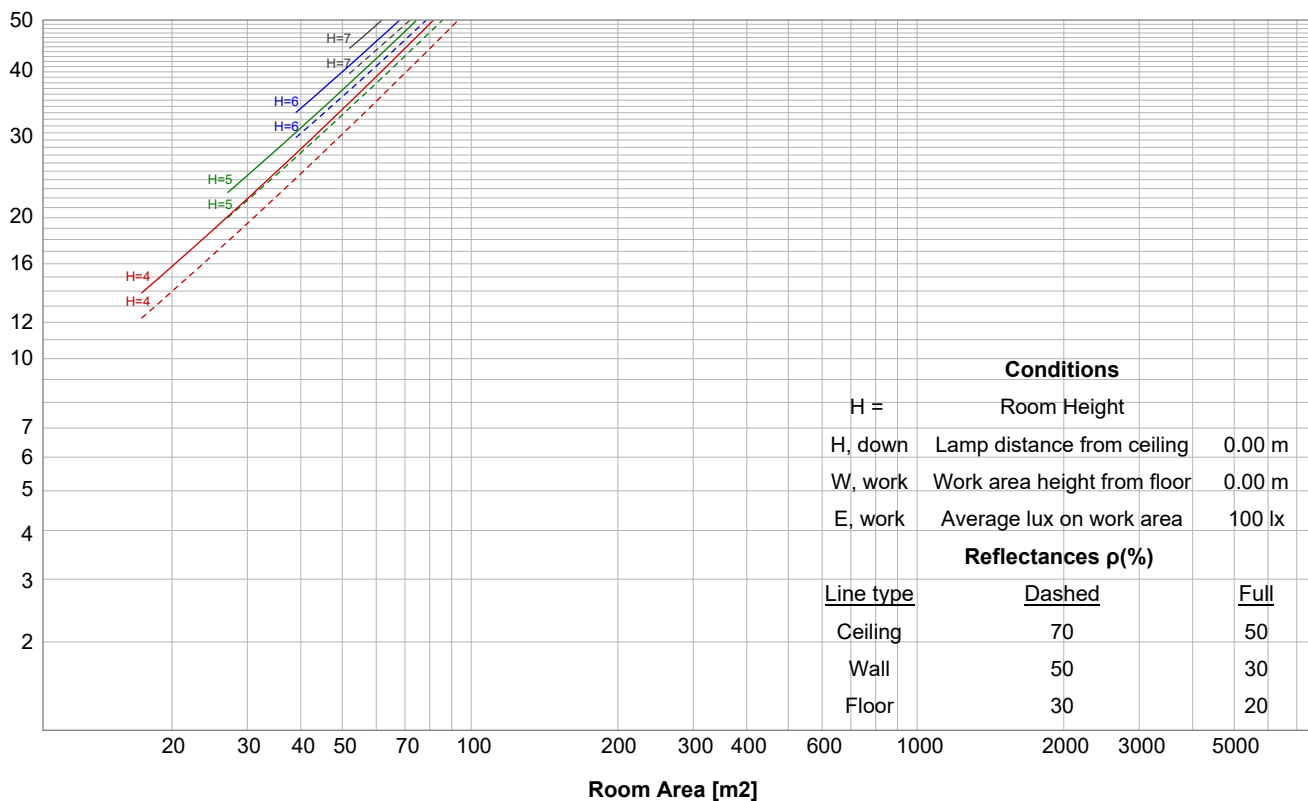


## Beam details

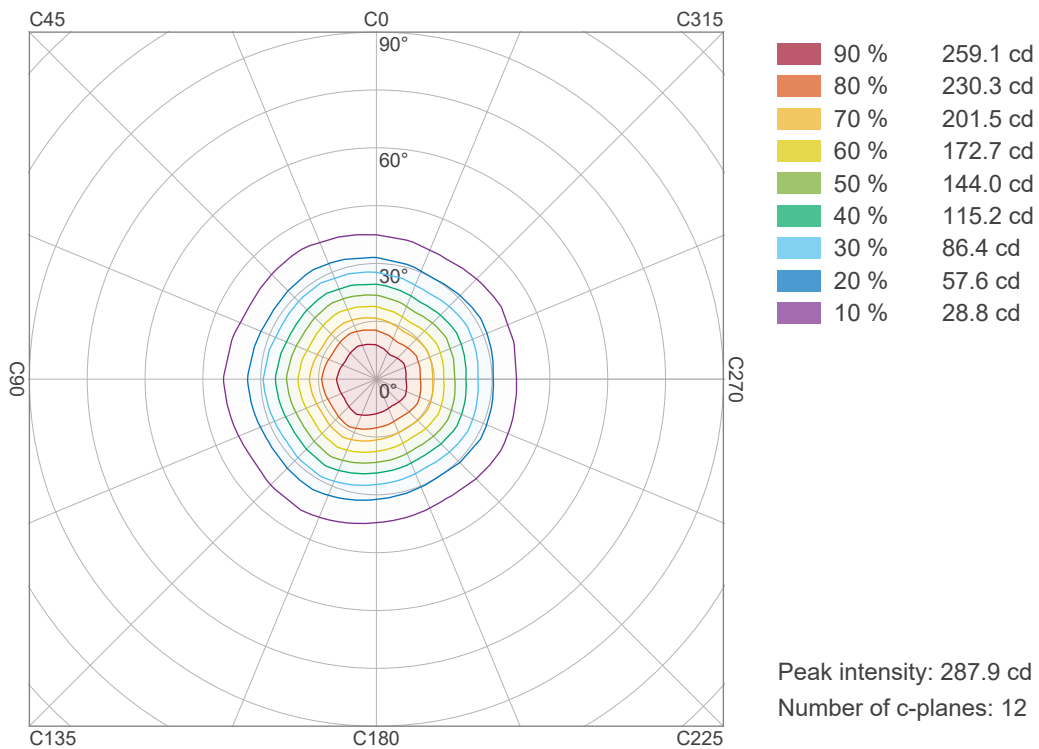


## Luminaire budgetary diagram

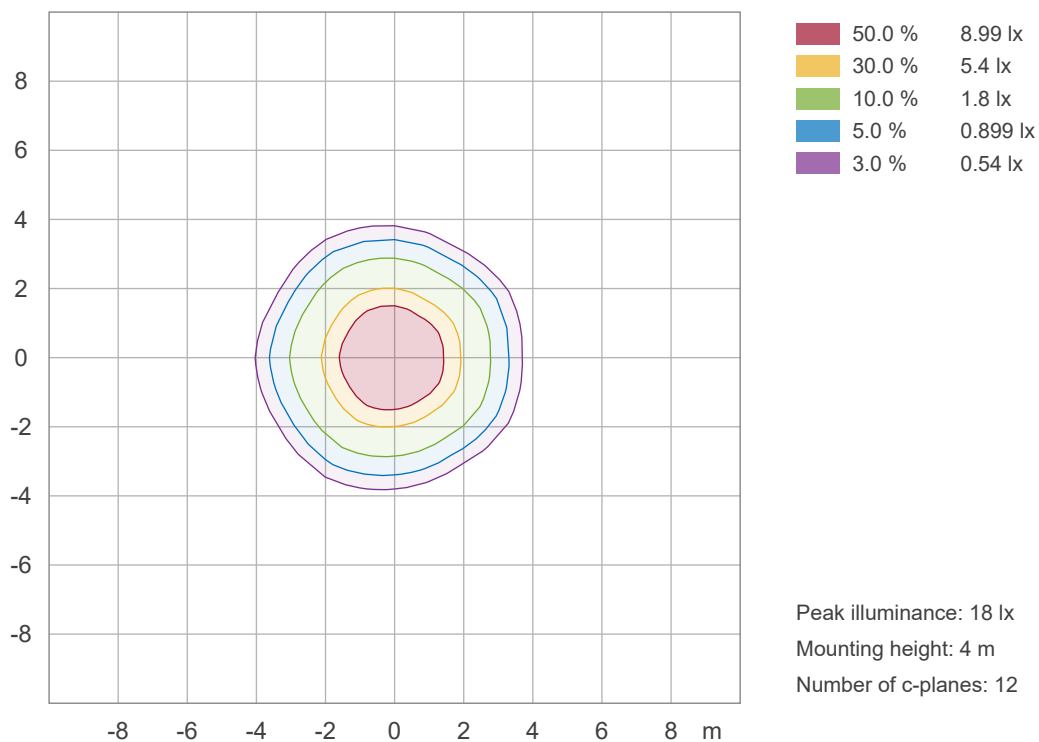
LAMPS (number of lamps)



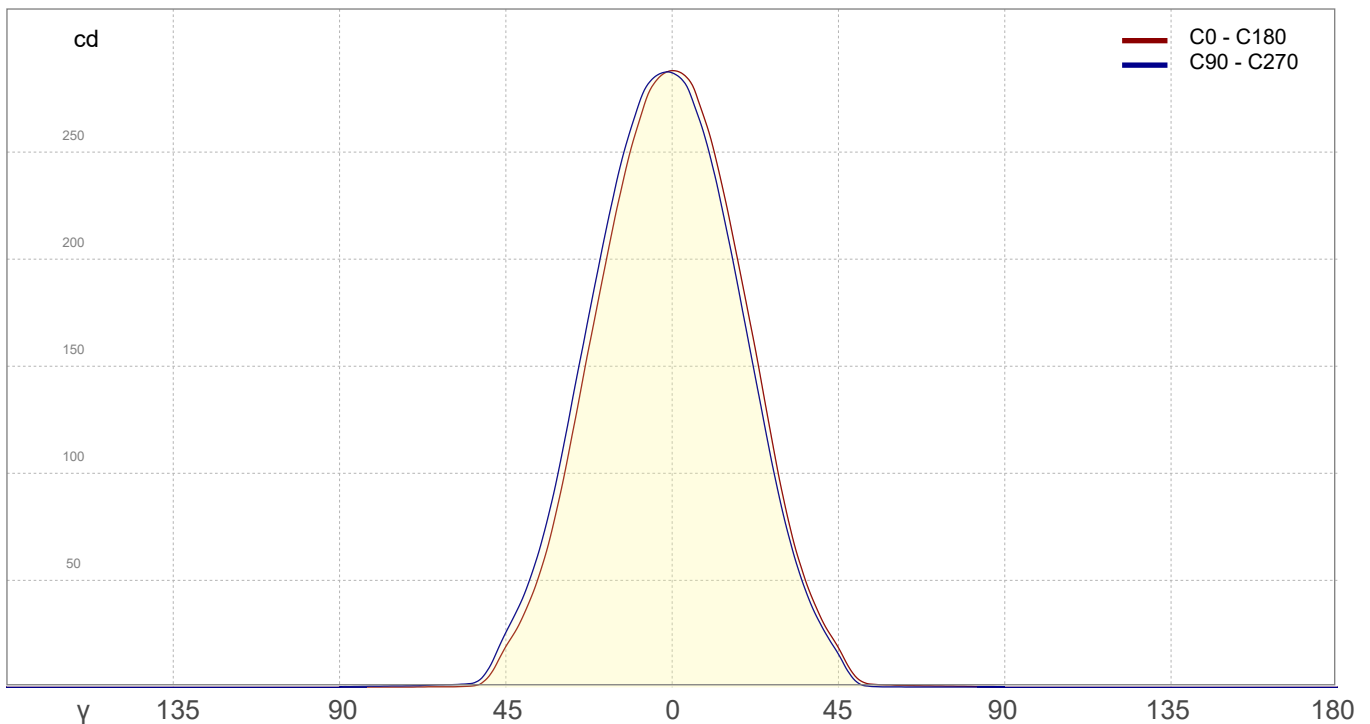
## Iso-intensity Diagram (Iso-candela)



## Iso-illuminance Diagram (Iso-lux)

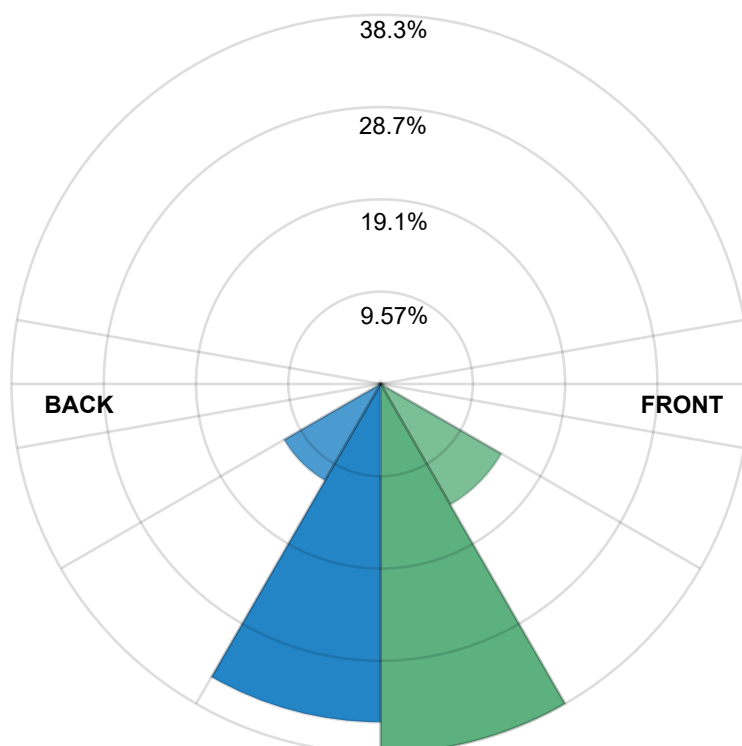


## Linear intensity distribution diagram



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

BUG rating B0 U0 G0



### Forward Light

|                    |         |       |
|--------------------|---------|-------|
| Low (0-30°)        | 78.0 lm | 38.3% |
| Medium (30-60°)    | 29.5 lm | 14.5% |
| High (60-80°)      | 0.6 lm  | 0.3%  |
| Very High (80-90°) | 0.2 lm  | 0.1%  |

### Back Light

|                    |         |       |
|--------------------|---------|-------|
| Low (0-30°)        | 71.5 lm | 35.1% |
| Medium (30-60°)    | 23.6 lm | 11.6% |
| High (60-80°)      | 0.4 lm  | 0.2%  |
| 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 | 203.9 lm | 100,0% |
|-----|----------|--------|