

## 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         | 28.89 W     |

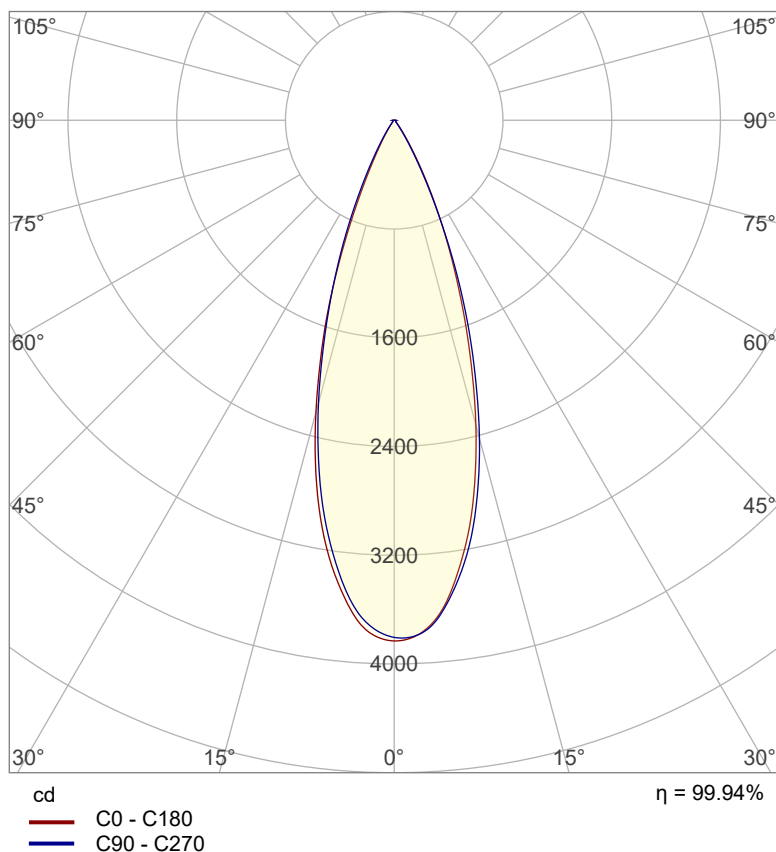
## Tested Light Source

|                      |                    |
|----------------------|--------------------|
| Luminaire            | 2021/4/23 16:52:40 |
| Basic Luminous Shape | PANEL              |
| Item No.             |                    |
| Manufacturer         | Moon On Noon       |

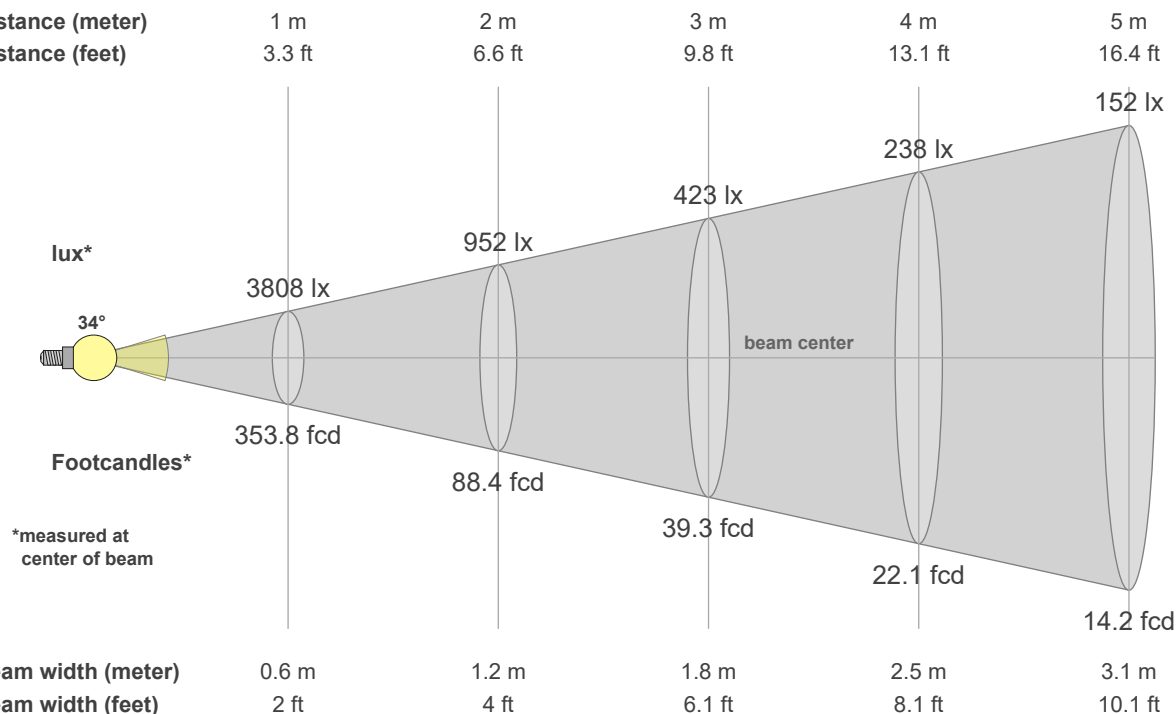
## Main Light Measurement Results

|                                    |                          |
|------------------------------------|--------------------------|
| Output – Total Lumen (Up% / Down%) | 1400 lm – 0.0029% / 100% |
| Efficiency                         | 48.46 lm/W               |
| Peak Intensity                     | 3831 cd                  |
| Correlated Color Temperature, CCT  | 3000 K                   |
| Color Rendering Index              | CRI 85.0                 |

## Polar light distribution diagram

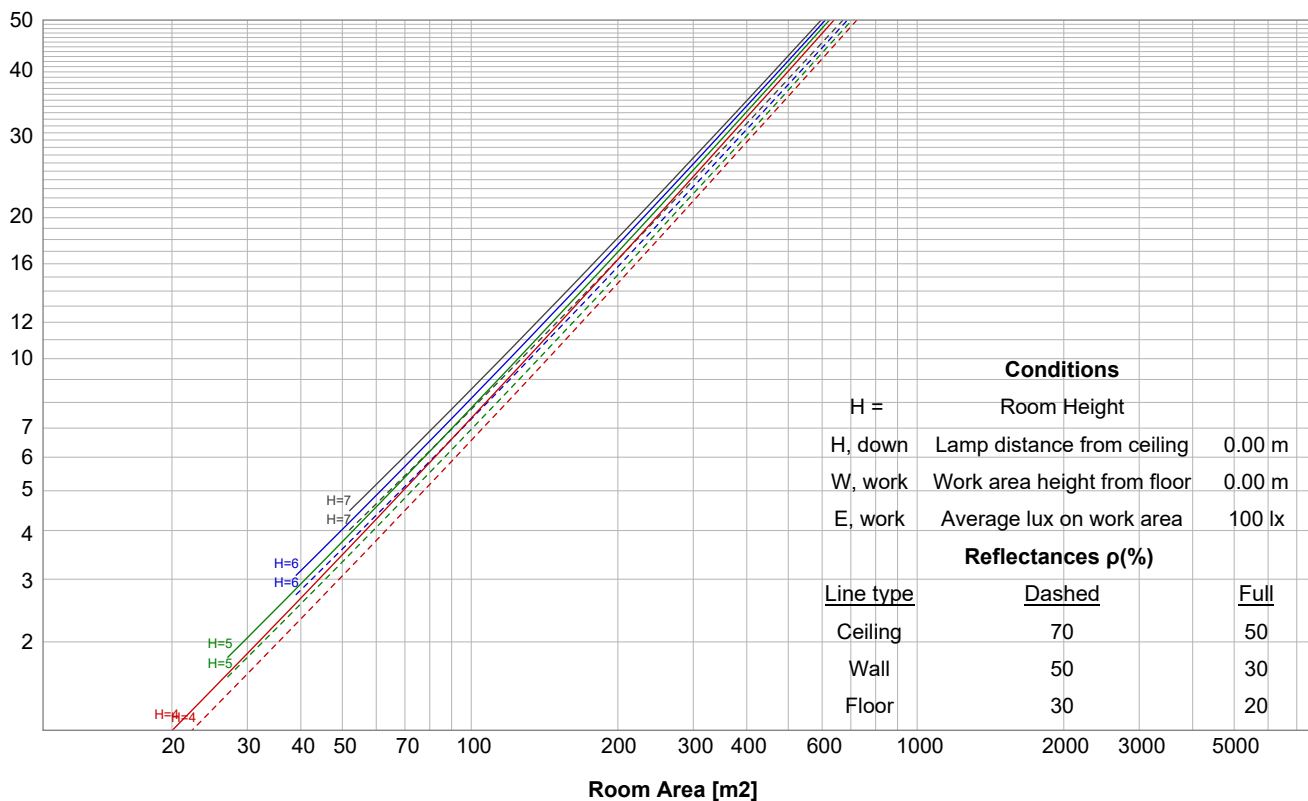


## Beam details

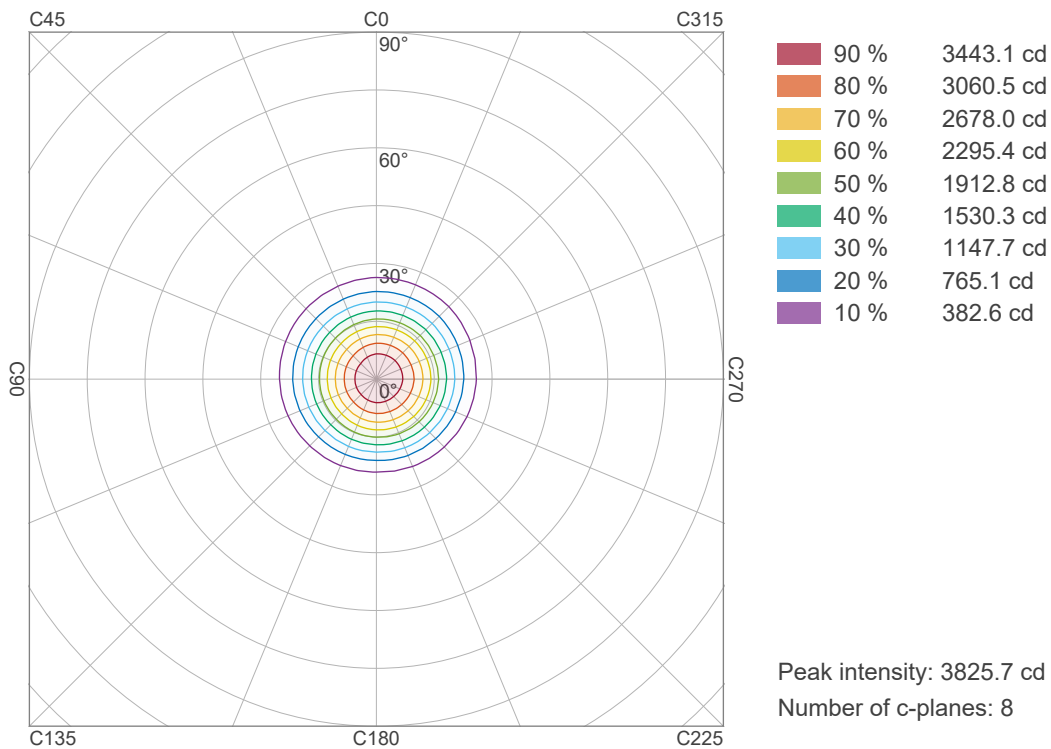


## Luminaire budgetary diagram

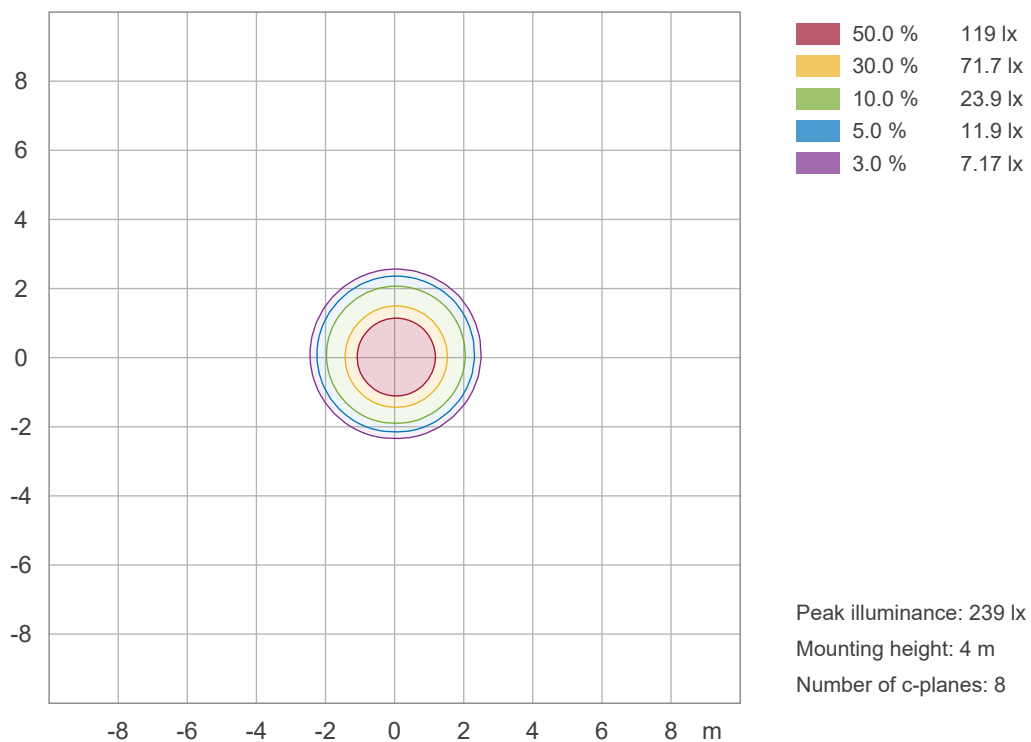
LAMPS (number of lamps)



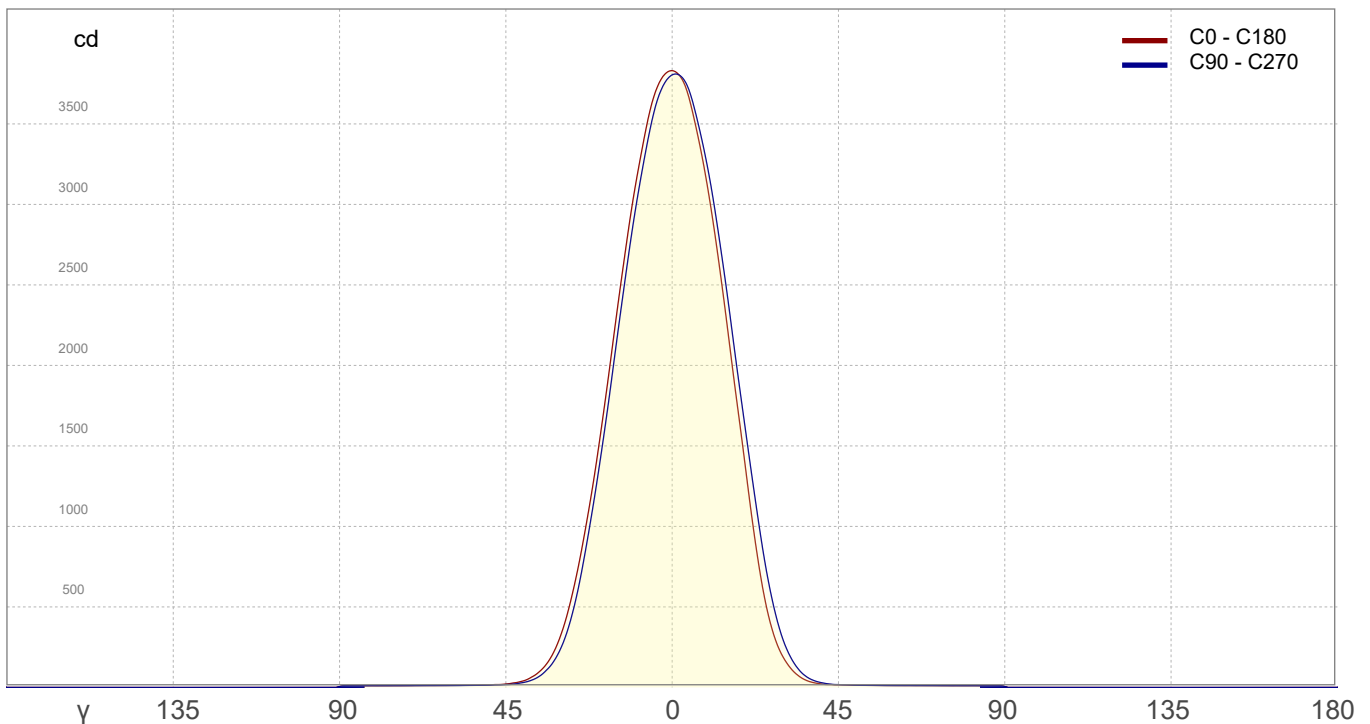
## Iso-intensity Diagram (Iso-candela)



## Iso-illuminance Diagram (Iso-lux)

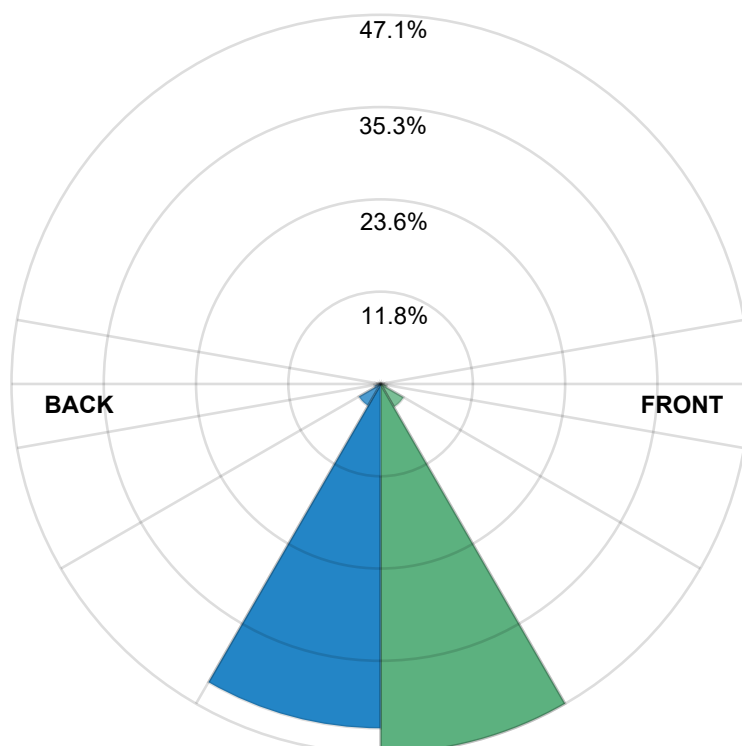


## Linear intensity distribution diagram



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

BUG rating B2 U0 G0



### Forward Light

|                    |          |       |
|--------------------|----------|-------|
| Low (0-30°)        | 659.4 lm | 47.1% |
| Medium (30-60°)    | 47.5 lm  | 3.4%  |
| High (60-80°)      | 11.2 lm  | 0.8%  |
| Very High (80-90°) | 5.5 lm   | 0.4%  |

### Back Light

|                    |          |       |
|--------------------|----------|-------|
| Low (0-30°)        | 615.1 lm | 43.9% |
| Medium (30-60°)    | 44.8 lm  | 3.2%  |
| High (60-80°)      | 11.1 lm  | 0.8%  |
| Very High (80-90°) | 5.5 lm   | 0.4%  |

### Uplight

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

### Total

|     |           |        |
|-----|-----------|--------|
| Sum | 1400.0 lm | 100,0% |
|-----|-----------|--------|