

# Light Measurement Results

## Laboratory and Equipment

|                                     |                |
|-------------------------------------|----------------|
| Test lab                            | n/a            |
| Spectrometer Manufacturer and Model | n/a, n/a – n/a |
| Measurement date                    | 3/5/2026       |

## Measurement Conditions

|                     |             |
|---------------------|-------------|
| Tested c-planes     | 4           |
| Tested gamma angles | 181 – 1.00° |
| Input Power         | 10 W        |

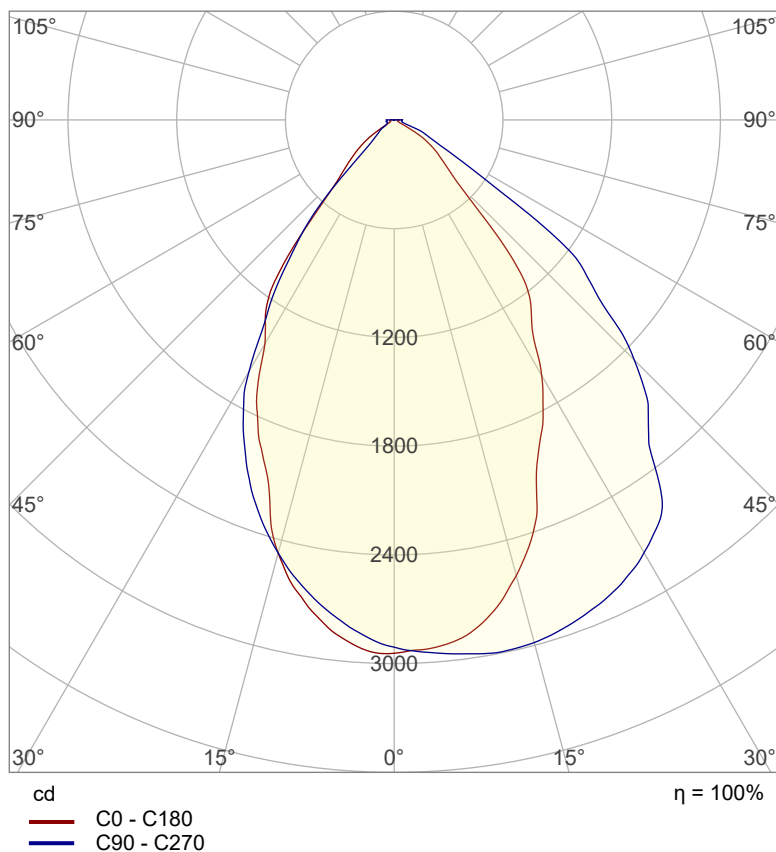
## Tested Light Source

|                      |                           |
|----------------------|---------------------------|
| Luminaire            | LINEA LUX 2 - LLX-4000-40 |
| Basic Luminous Shape | PANEL                     |
| Item No.             |                           |
| Manufacturer         | TRE C                     |

## Main Light Measurement Results

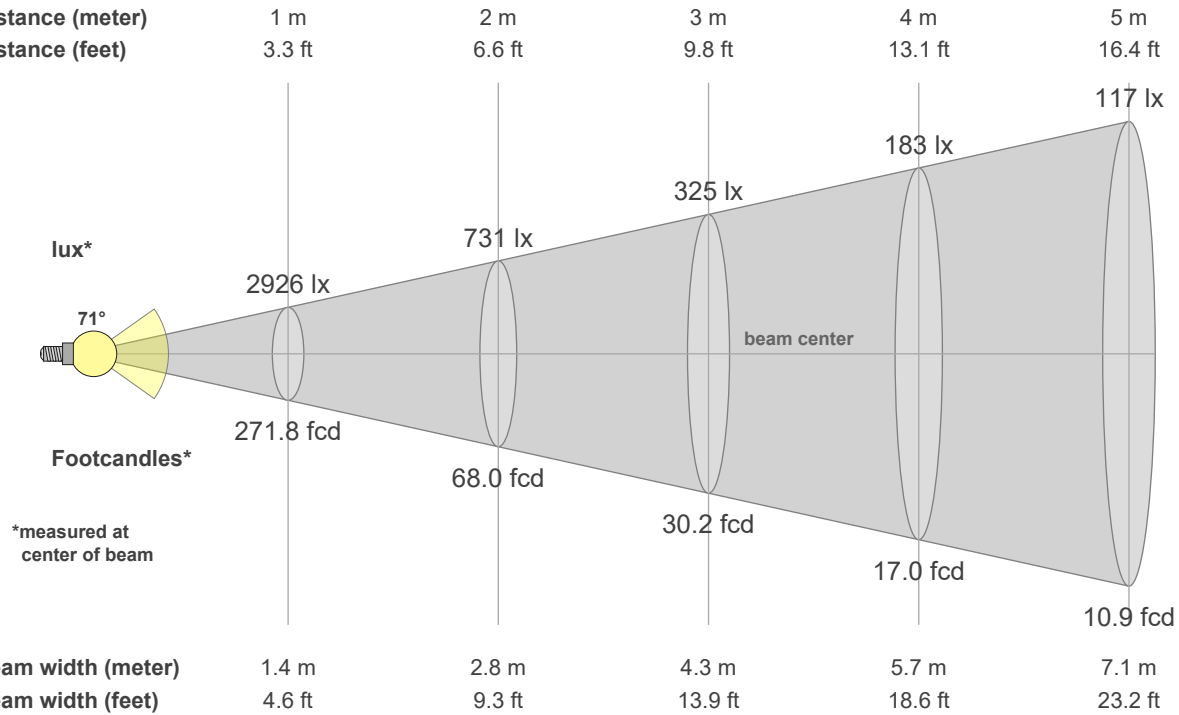
|                                    |                            |
|------------------------------------|----------------------------|
| Output – Total Lumen (Up% / Down%) | 4000 lm – 0.0453% / 99.95% |
| Efficiency                         | 400 lm/W                   |
| Peak Intensity                     | 2994 cd                    |
| Correlated Color Temperature, CCT  | 4000 K                     |
| Color Rendering Index              | CRI 80.0                   |

## Polar light distribution diagram



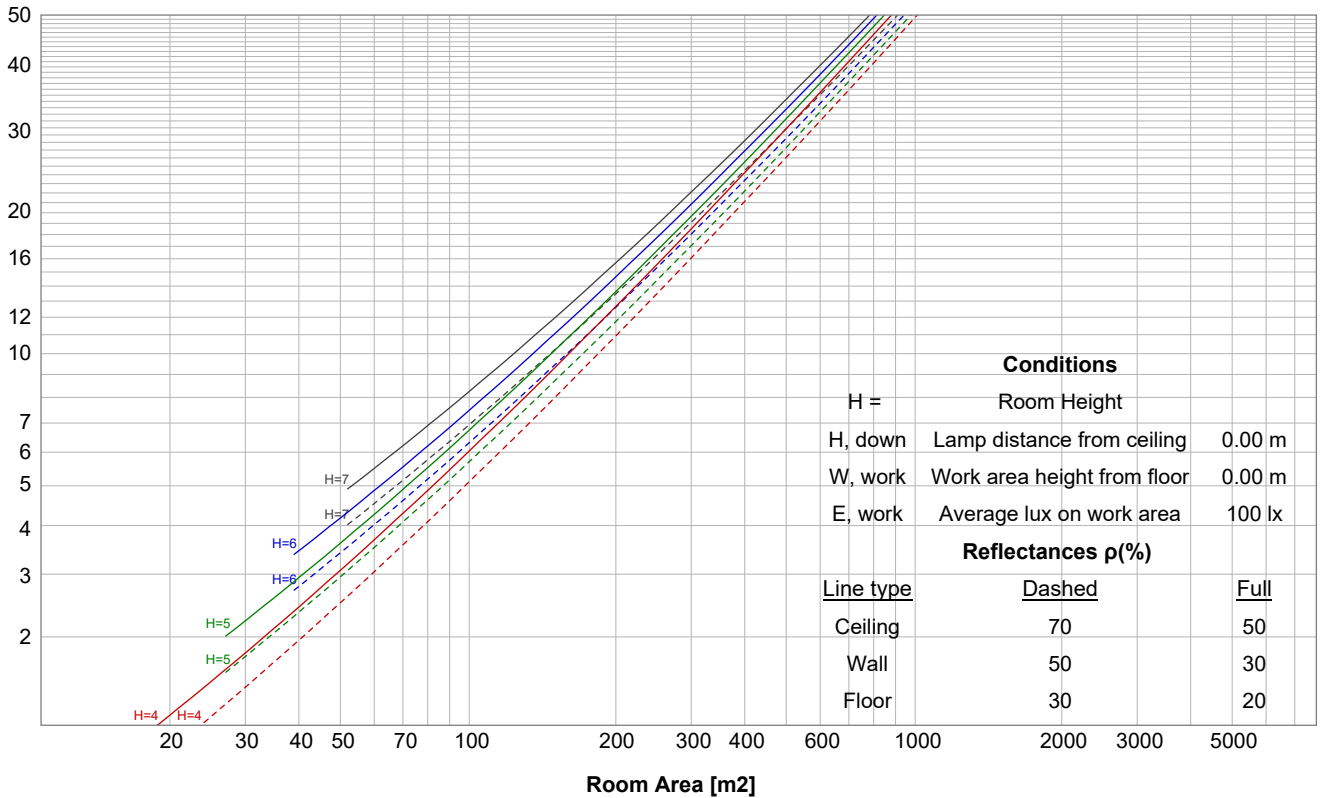
# Light Measurement Results

## Beam details



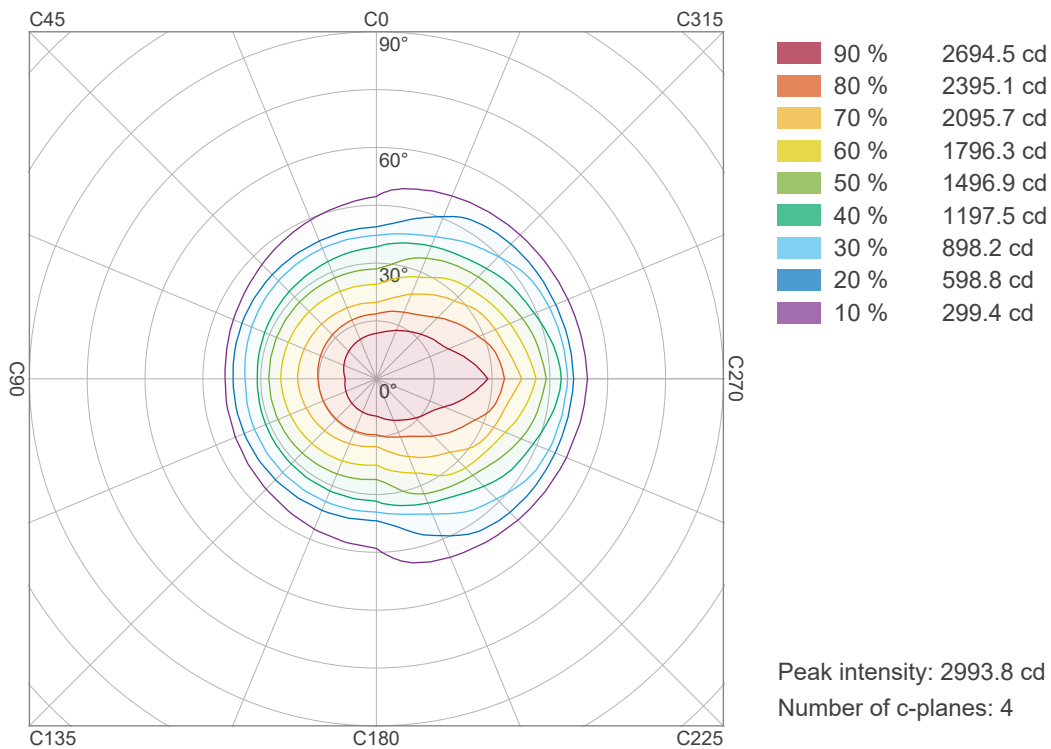
## Luminaire budgetary diagram

LAMPS (number of lamps)

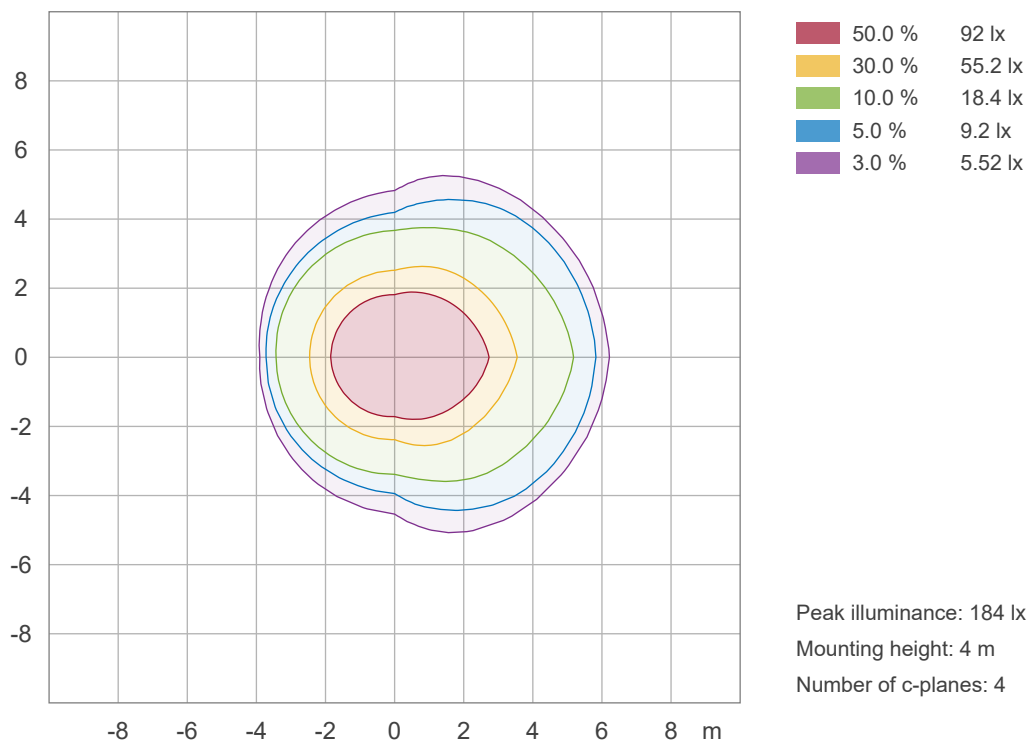


## Light Measurement Results

### Iso-intensity Diagram (Iso-candela)

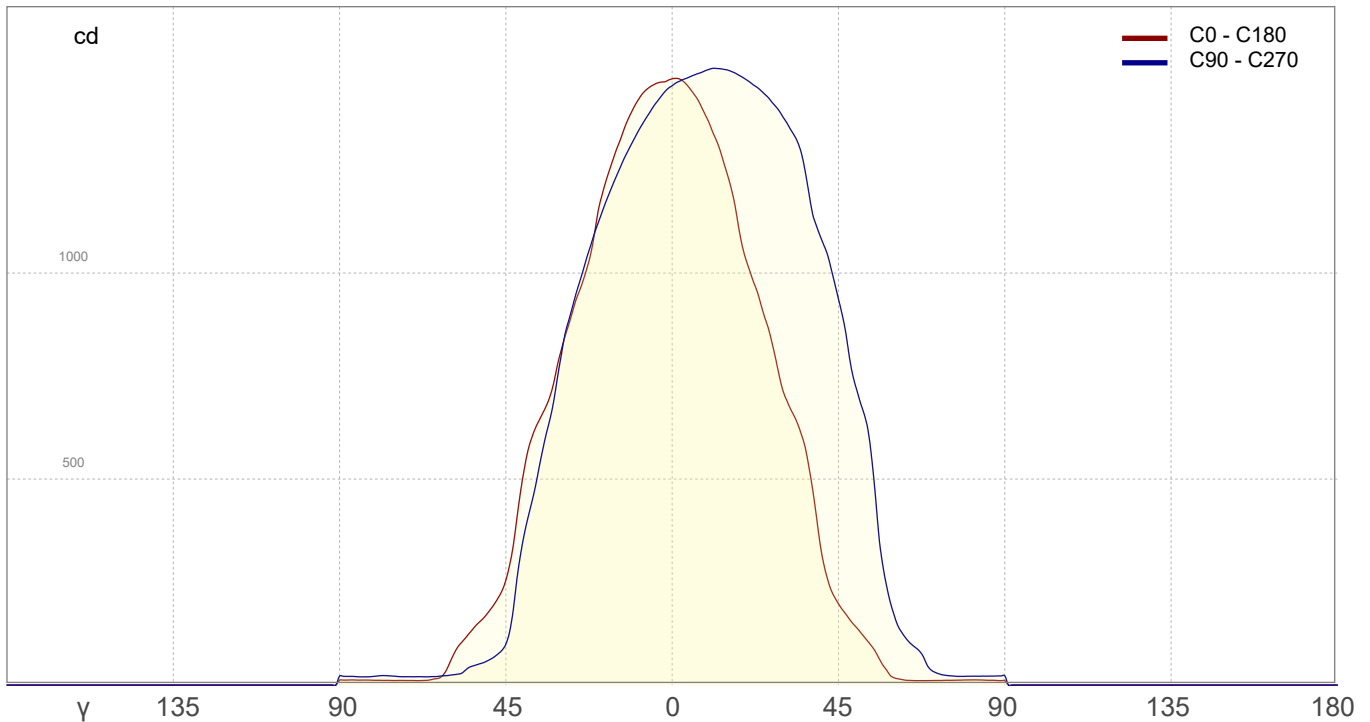


### Iso-illuminance Diagram (Iso-lux)



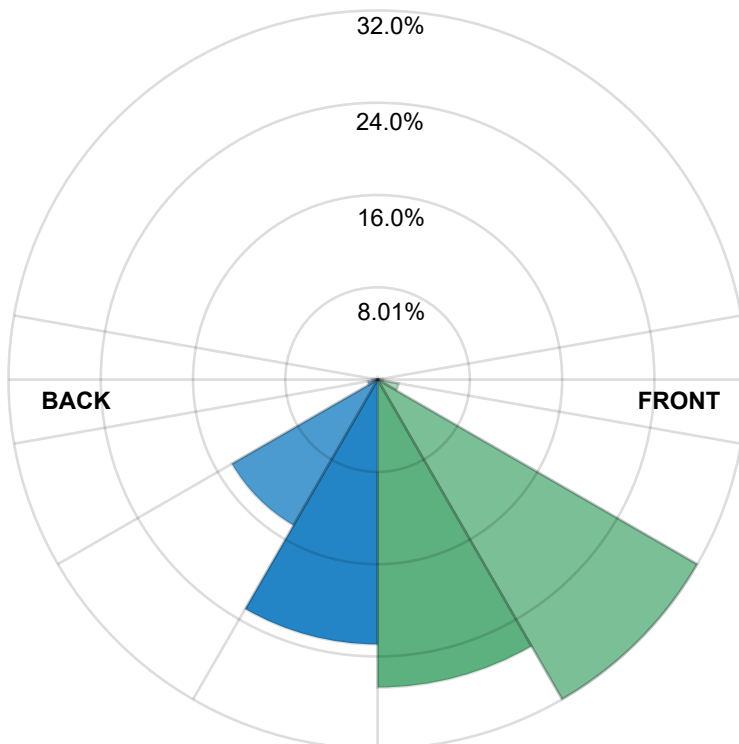
## Light Measurement Results

### Linear intensity distribution diagram



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

BUG rating B2 U1 G1



#### Forward Light

|                    |           |       |
|--------------------|-----------|-------|
| Low (0-30°)        | 1068.3 lm | 26.7% |
| Medium (30-60°)    | 1280.9 lm | 32.0% |
| High (60-80°)      | 75.0 lm   | 1.9%  |
| Very High (80-90°) | 18.3 lm   | 0.5%  |

#### Back Light

|                    |          |       |
|--------------------|----------|-------|
| Low (0-30°)        | 918.8 lm | 23.0% |
| Medium (30-60°)    | 583.9 lm | 14.6% |
| High (60-80°)      | 35.3 lm  | 0.9%  |
| Very High (80-90°) | 17.7 lm  | 0.4%  |

#### Uplight

|                 |        |       |
|-----------------|--------|-------|
| Low (90-100°)   | 1.8 lm | 0.05% |
| High (100-180°) | 0.0 lm | 0.0%  |

#### Total

|     |           |        |
|-----|-----------|--------|
| Sum | 4000.0 lm | 100,0% |
|-----|-----------|--------|