

# Light Measurement Results

## Laboratory and Equipment

|                                     |                        |
|-------------------------------------|------------------------|
| Test lab                            | GBC Testing Laboratory |
| Spectrometer Manufacturer and Model | n/a, n/a – n/a         |
| Measurement date                    | 2/12/2026              |

## Measurement Conditions

|                     |             |
|---------------------|-------------|
| Tested c-planes     | 2           |
| Tested gamma angles | 181 – 1.00° |
| Input Power         | 11 W        |

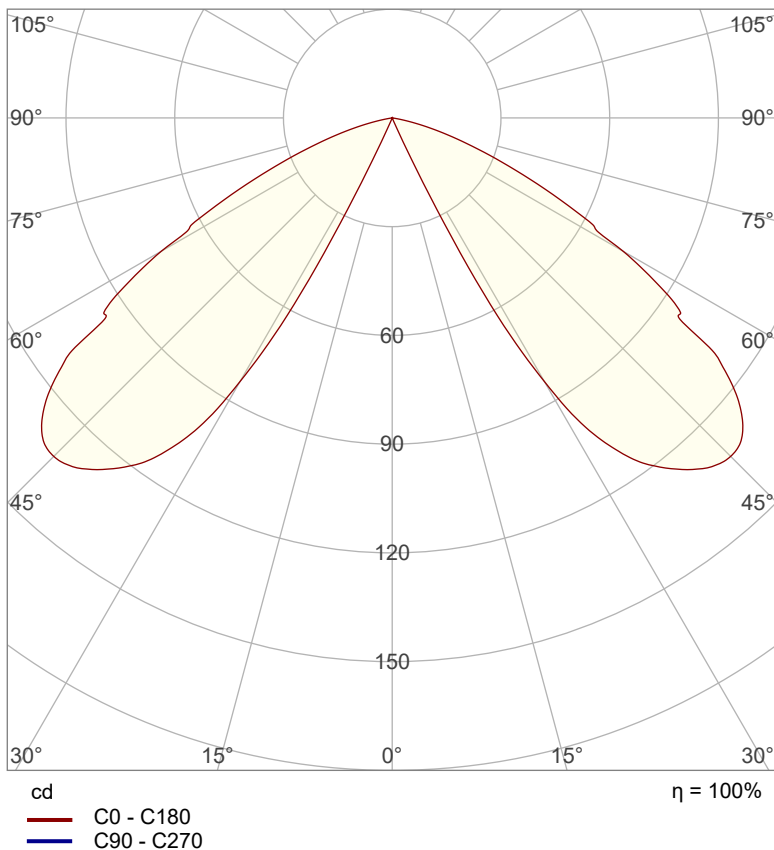
## Tested Light Source

|                      |                  |
|----------------------|------------------|
| Luminaire            | THE BETSY        |
| Basic Luminous Shape | PANEL            |
| Item No.             |                  |
| Manufacturer         | BULLARD BOLLARDS |

## Main Light Measurement Results

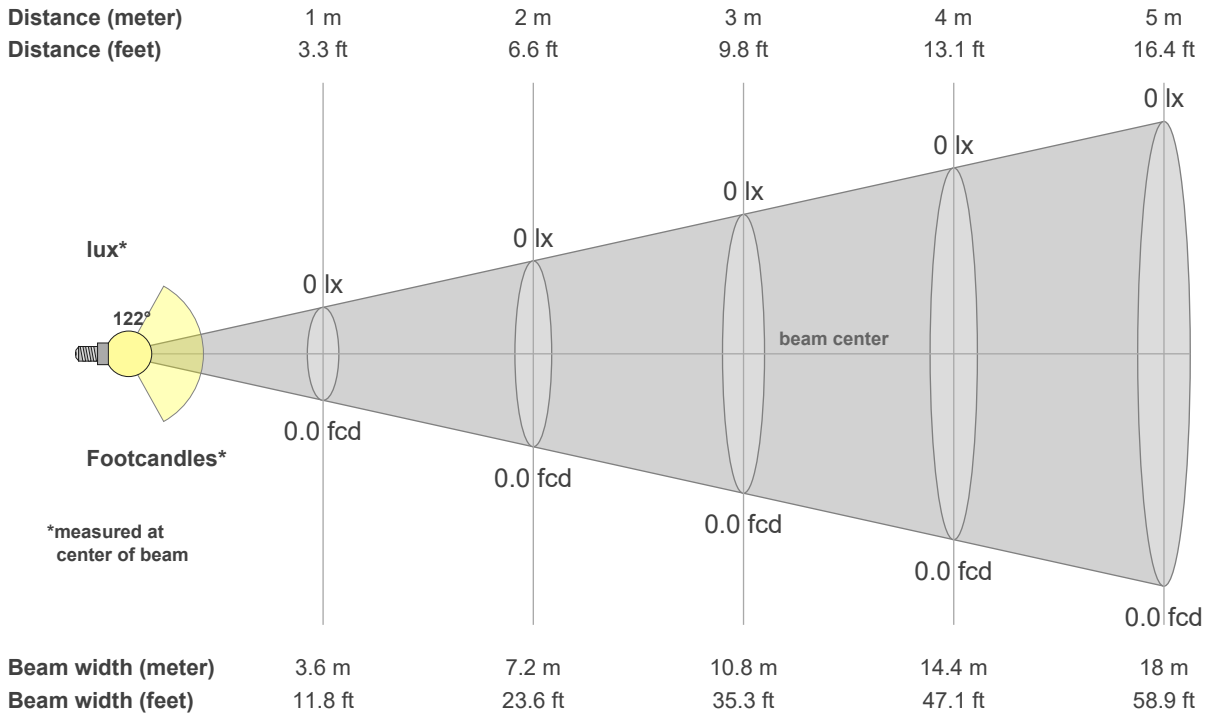
|                                    |                    |
|------------------------------------|--------------------|
| Output – Total Lumen (Up% / Down%) | 335 lm – 0% / 100% |
| Efficiency                         | 30.45 lm/W         |
| Peak Intensity                     | 132.1 cd           |
| Correlated Color Temperature, CCT  | 2700 K             |
| Color Rendering Index              | CRI 85.0           |

## Polar light distribution diagram



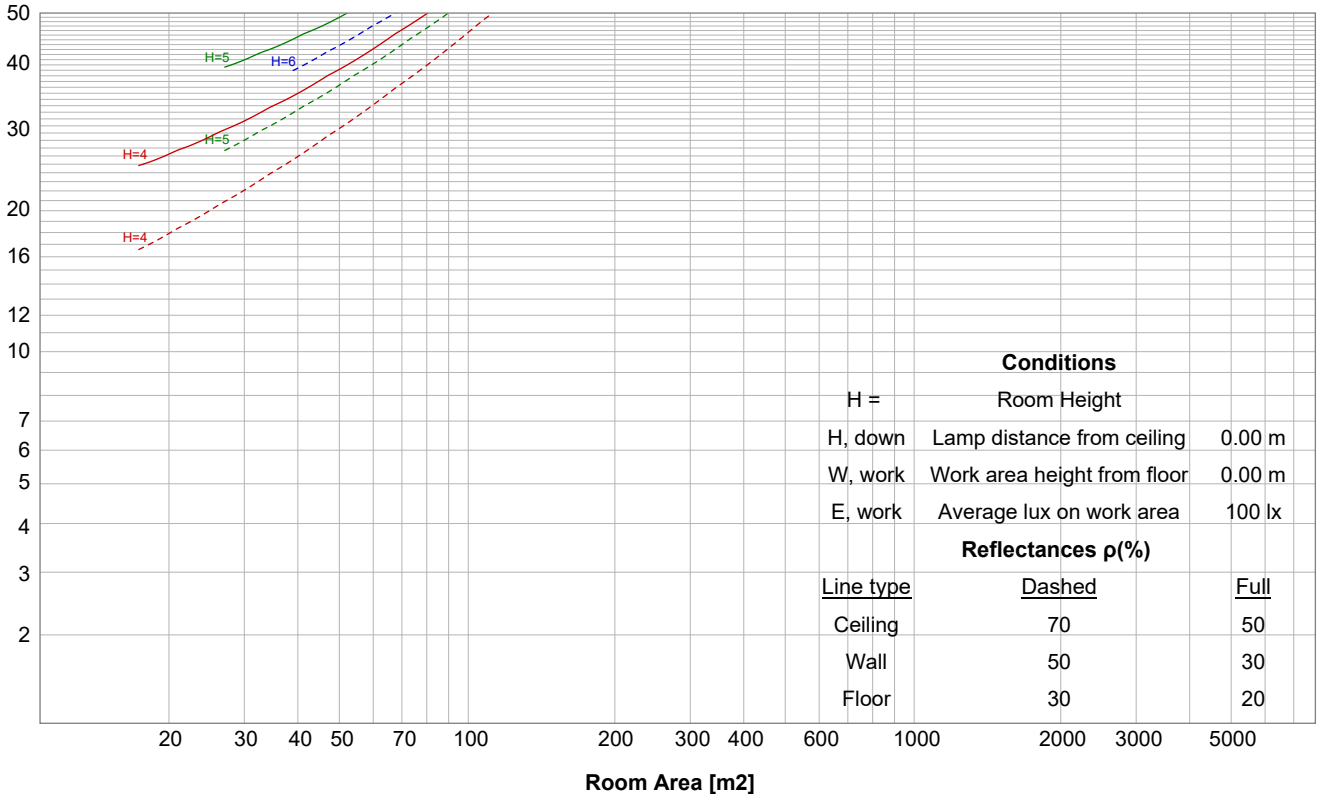
# Light Measurement Results

## Beam details



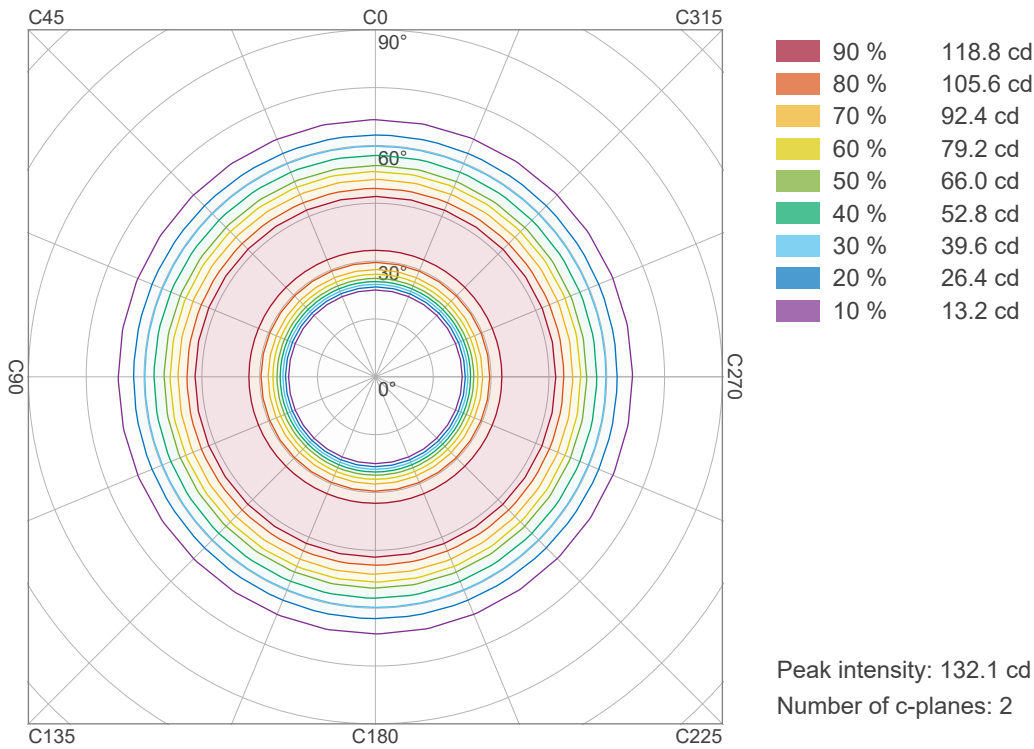
## Luminaire budgetary diagram

LAMPS (number of lamps)

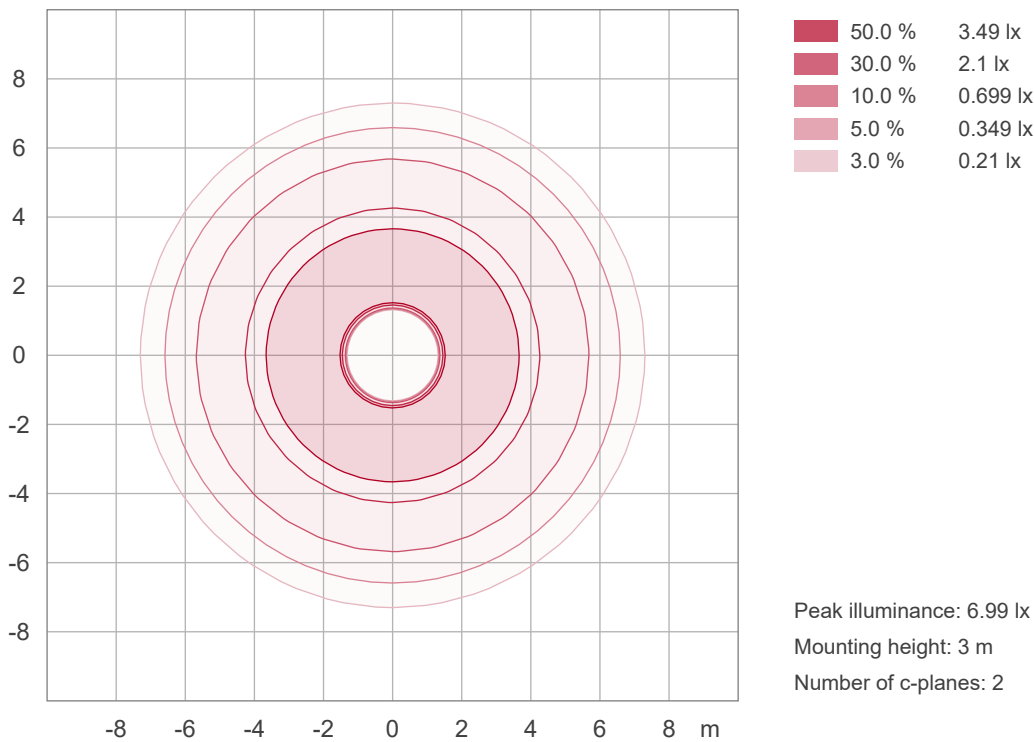


# Light Measurement Results

## Iso-intensity Diagram (Iso-candela)

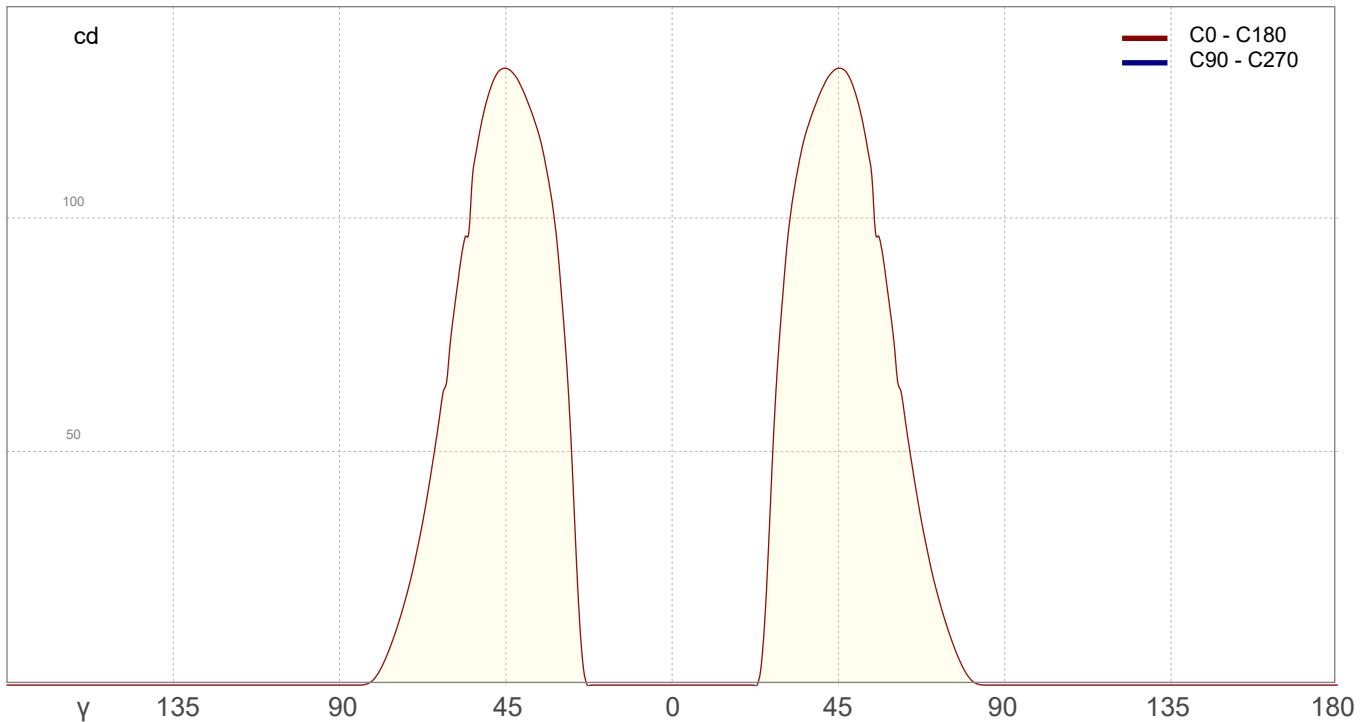


## Iso-illuminance Diagram (Iso-lux)



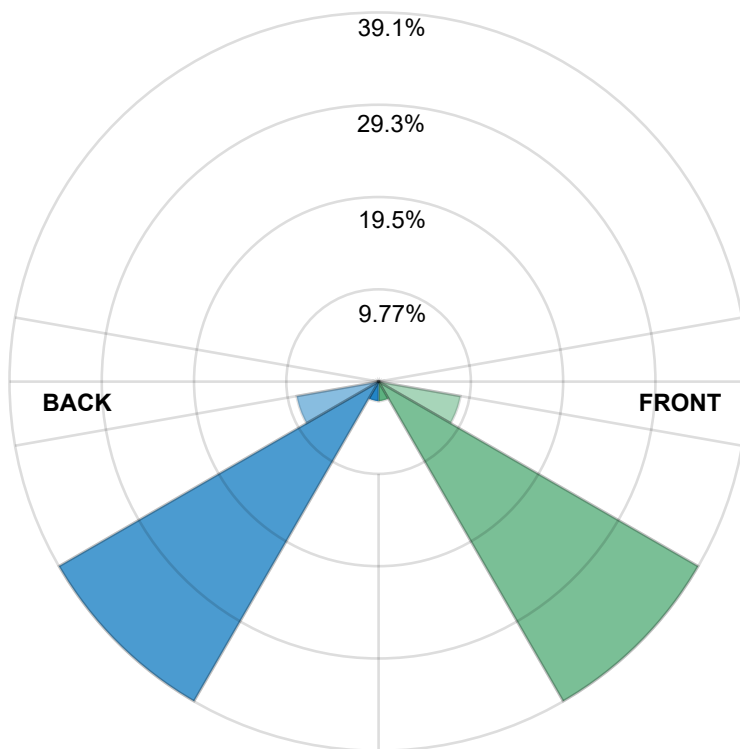
# Light Measurement Results

## Linear intensity distribution diagram



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

BUG rating B0 U0 G0



### Forward Light

|                    |          |       |
|--------------------|----------|-------|
| Low (0-30°)        | 6.9 lm   | 2.1%  |
| Medium (30-60°)    | 131.0 lm | 39.1% |
| High (60-80°)      | 29.5 lm  | 8.8%  |
| Very High (80-90°) | 0.1 lm   | 0.0%  |

### Back Light

|                    |          |       |
|--------------------|----------|-------|
| Low (0-30°)        | 6.9 lm   | 2.1%  |
| Medium (30-60°)    | 131.0 lm | 39.1% |
| High (60-80°)      | 29.5 lm  | 8.8%  |
| Very High (80-90°) | 0.1 lm   | 0.0%  |

### Uplight

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

### Total

|     |          |        |
|-----|----------|--------|
| Sum | 335.0 lm | 100,0% |
|-----|----------|--------|