

## Laboratory and Equipment

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Test lab                            | Shenzhen Anbotek Compliance Laboratory Ltd |
| Spectrometer Manufacturer and Model | n/a, n/a – n/a                             |
| Measurement date                    | 1/8/2018                                   |

## Measurement Conditions

|                     |             |
|---------------------|-------------|
| Tested c-planes     | 16          |
| Tested gamma angles | 181 – 1.00° |
| Input Power         | 10.09 W     |

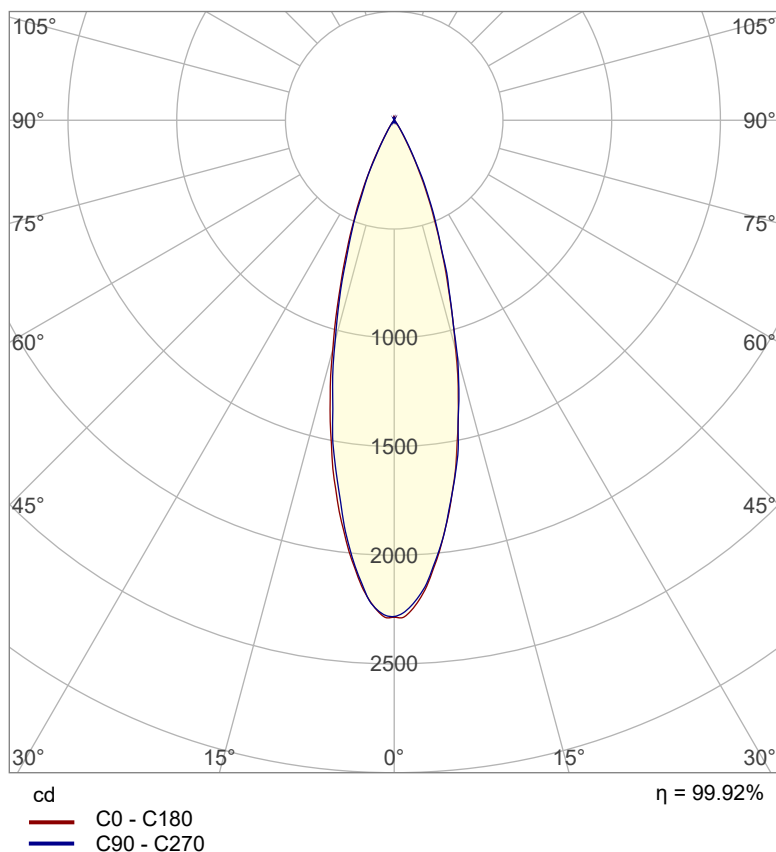
## Tested Light Source

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

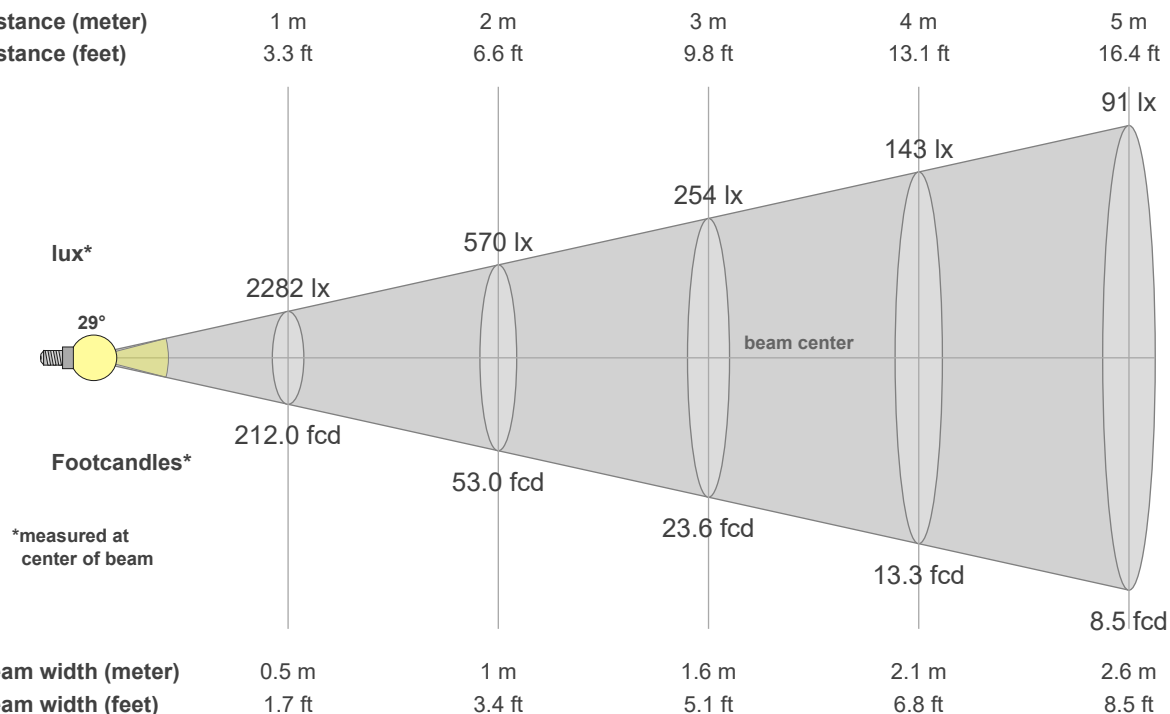
## Main Light Measurement Results

|                                    |                            |
|------------------------------------|----------------------------|
| Output – Total Lumen (Up% / Down%) | 659.2 lm – 0.0993% / 99.9% |
| Efficiency                         | 65.34 lm/W                 |
| Peak Intensity                     | 2287 cd                    |
| Correlated Color Temperature, CCT  | 2700 K                     |
| Color Rendering Index              | CRI 85.0                   |

## Polar light distribution diagram

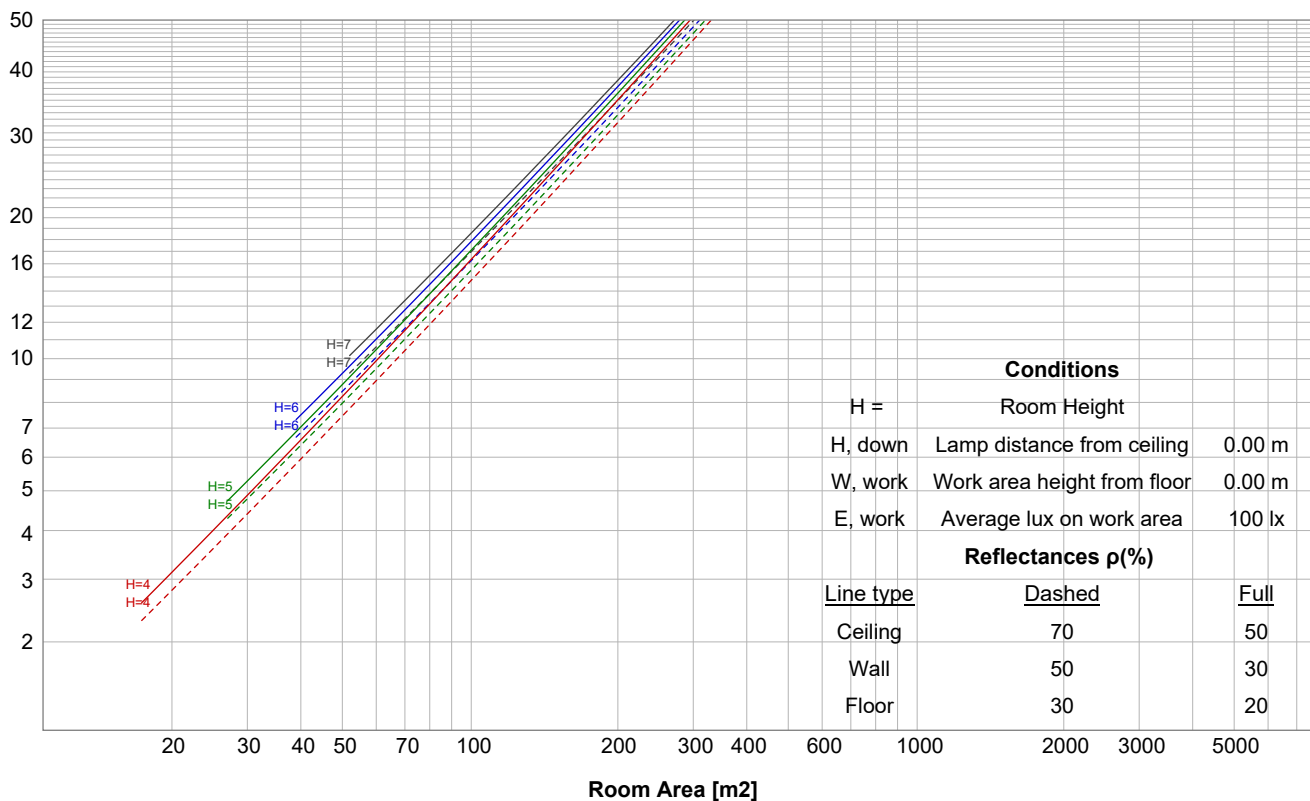


## Beam details

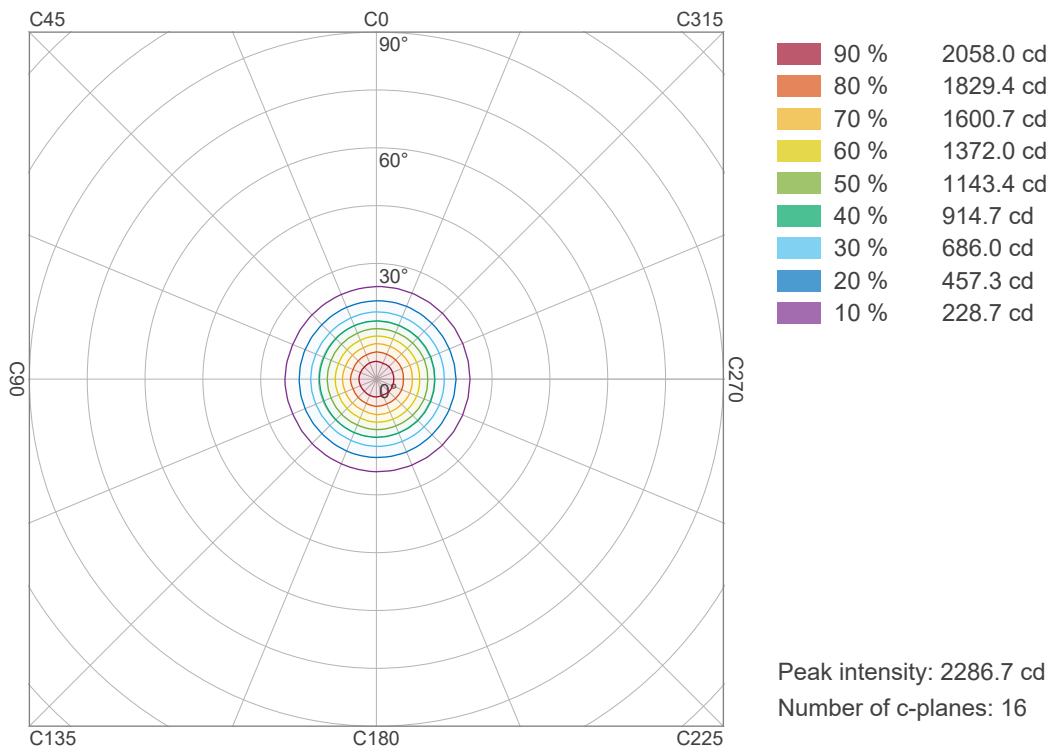


## Luminaire budgetary diagram

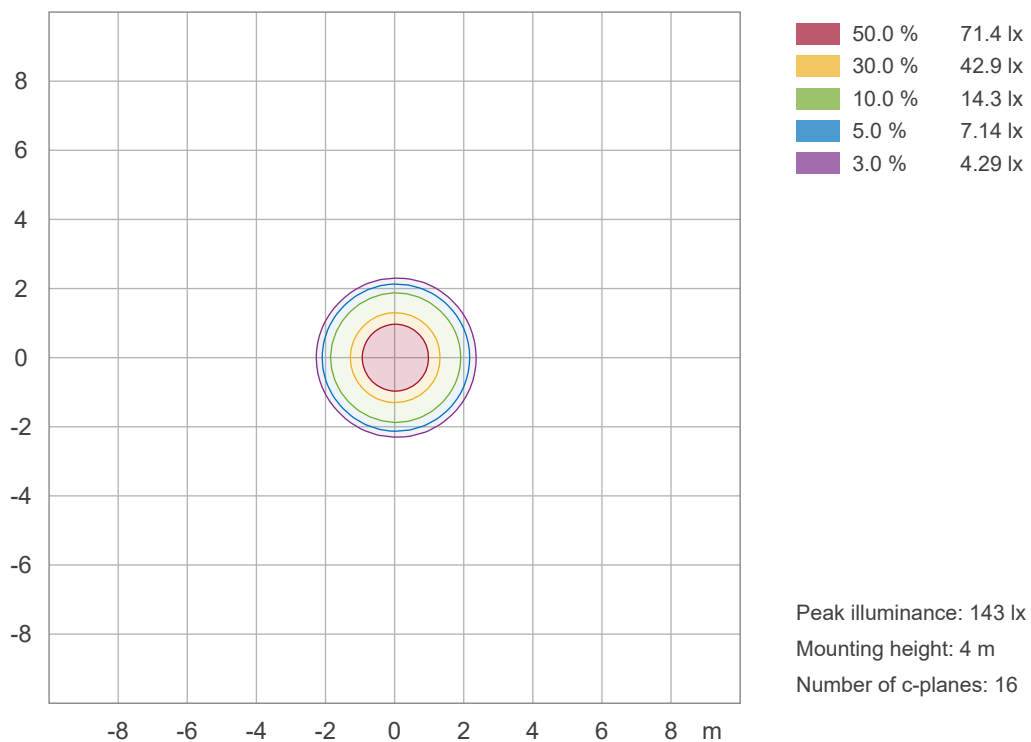
LAMPS (number of lamps)



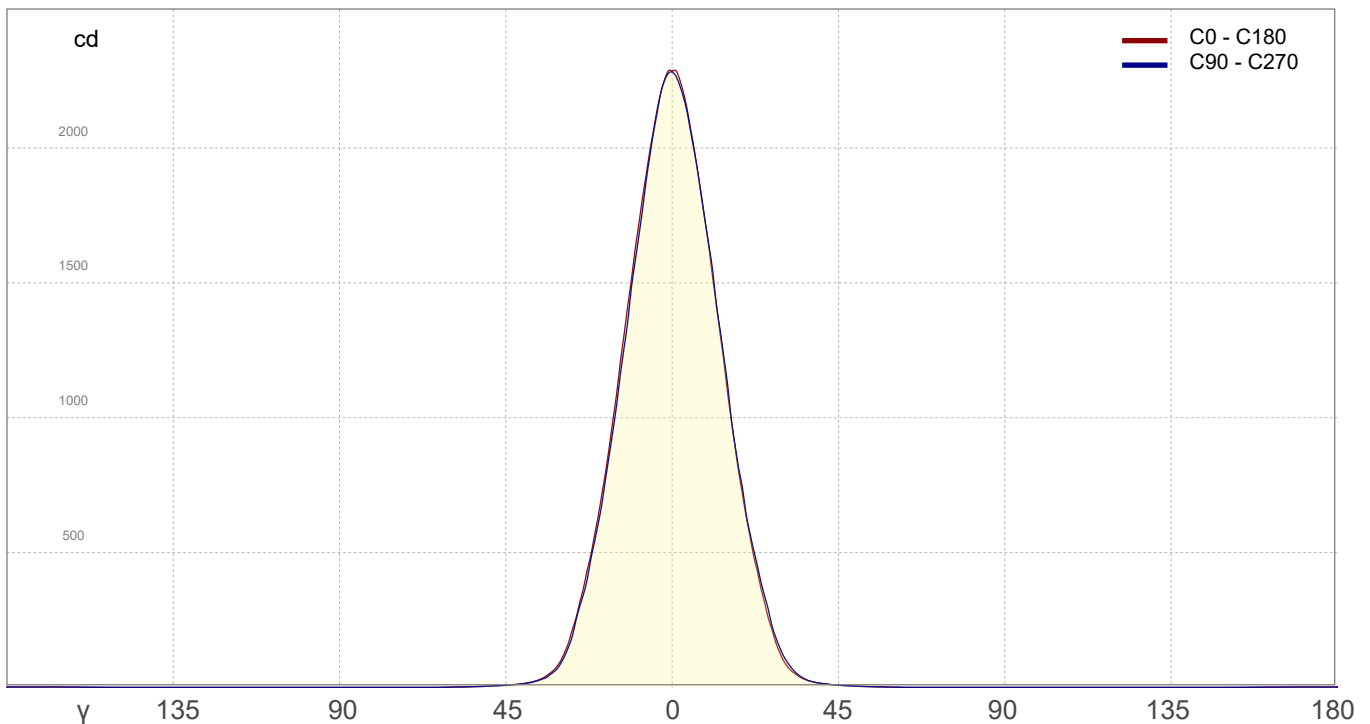
## Iso-intensity Diagram (Iso-candela)



## Iso-illuminance Diagram (Iso-lux)

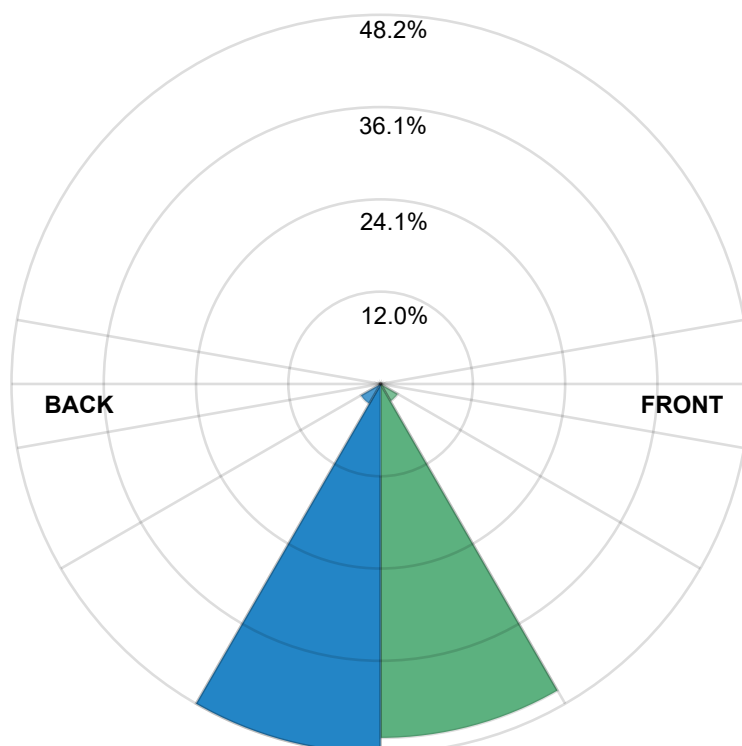


## Linear intensity distribution diagram



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

BUG rating B1 U1 G0



### Forward Light

|                    |          |       |
|--------------------|----------|-------|
| Low (0-30°)        | 304.4 lm | 46.2% |
| Medium (30-60°)    | 17.0 lm  | 2.6%  |
| High (60-80°)      | 0.1 lm   | 0.0%  |
| Very High (80-90°) | 0.0 lm   | 0.0%  |

### Back Light

|                    |          |       |
|--------------------|----------|-------|
| Low (0-30°)        | 317.4 lm | 48.2% |
| Medium (30-60°)    | 19.5 lm  | 3.0%  |
| High (60-80°)      | 0.1 lm   | 0.0%  |
| Very High (80-90°) | 0.0 lm   | 0.0%  |

### Uplight

|                 |        |       |
|-----------------|--------|-------|
| Low (90-100°)   | 0.0 lm | 0.00% |
| High (100-180°) | 0.7 lm | 0.1%  |

### Total

|     |          |        |
|-----|----------|--------|
| Sum | 659.2 lm | 100,0% |
|-----|----------|--------|