

# Light Measurement Results

## Laboratory and Equipment

Test lab	n/a
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	1/30/2026

## Measurement Conditions

Tested c-planes	24
Tested gamma angles	37 – 5.00°
Input Power	8.6 W

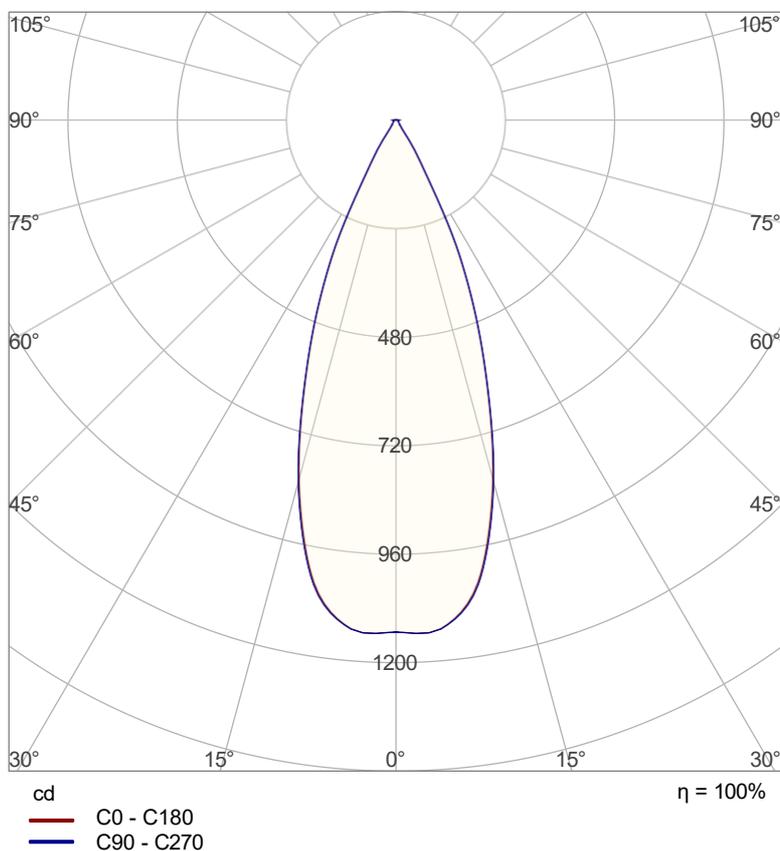
## Tested Light Source

Luminaire	RIM-20120-30
Basic Luminous Shape	SPOT
Item No.	
Manufacturer	RIMCLED

## Main Light Measurement Results

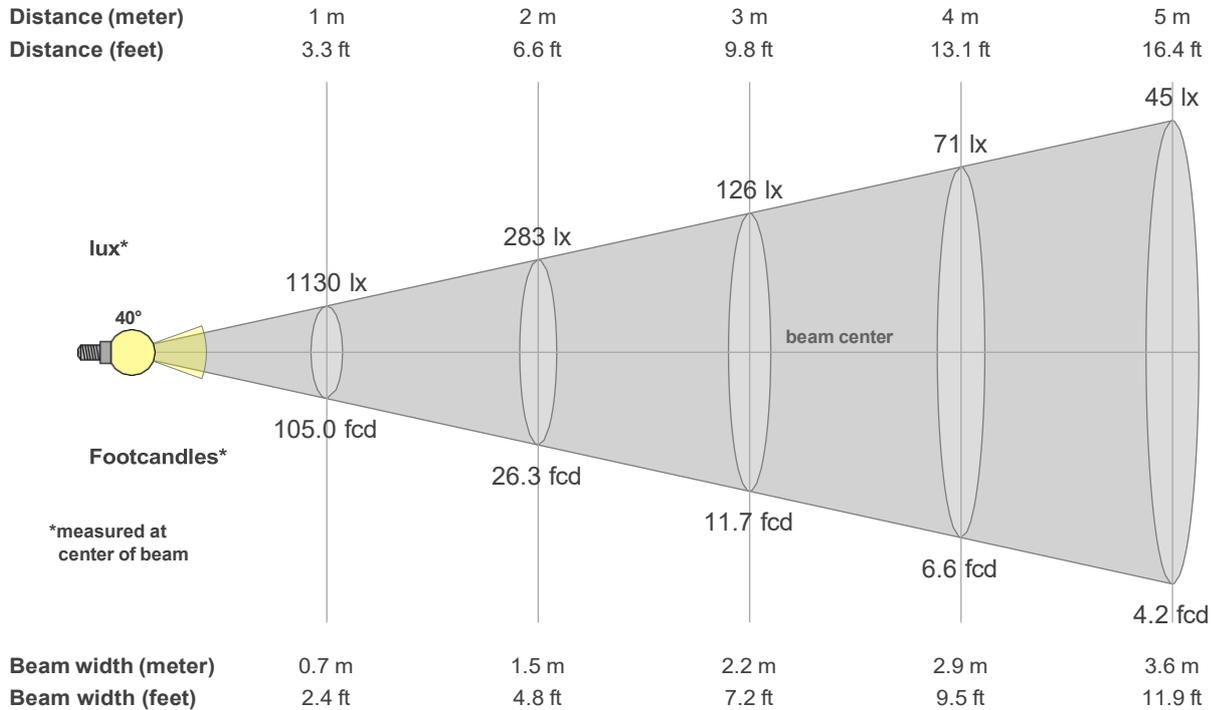
Output – Total Lumen (Up% / Down%)	529.6 lm – 0.005% / 99.99%
Efficiency	61.58 lm/W
Peak Intensity	1132 cd
Correlated Color Temperature, CCT	3082 K
Color Rendering Index	CRI 97.5

## Polar light distribution diagram



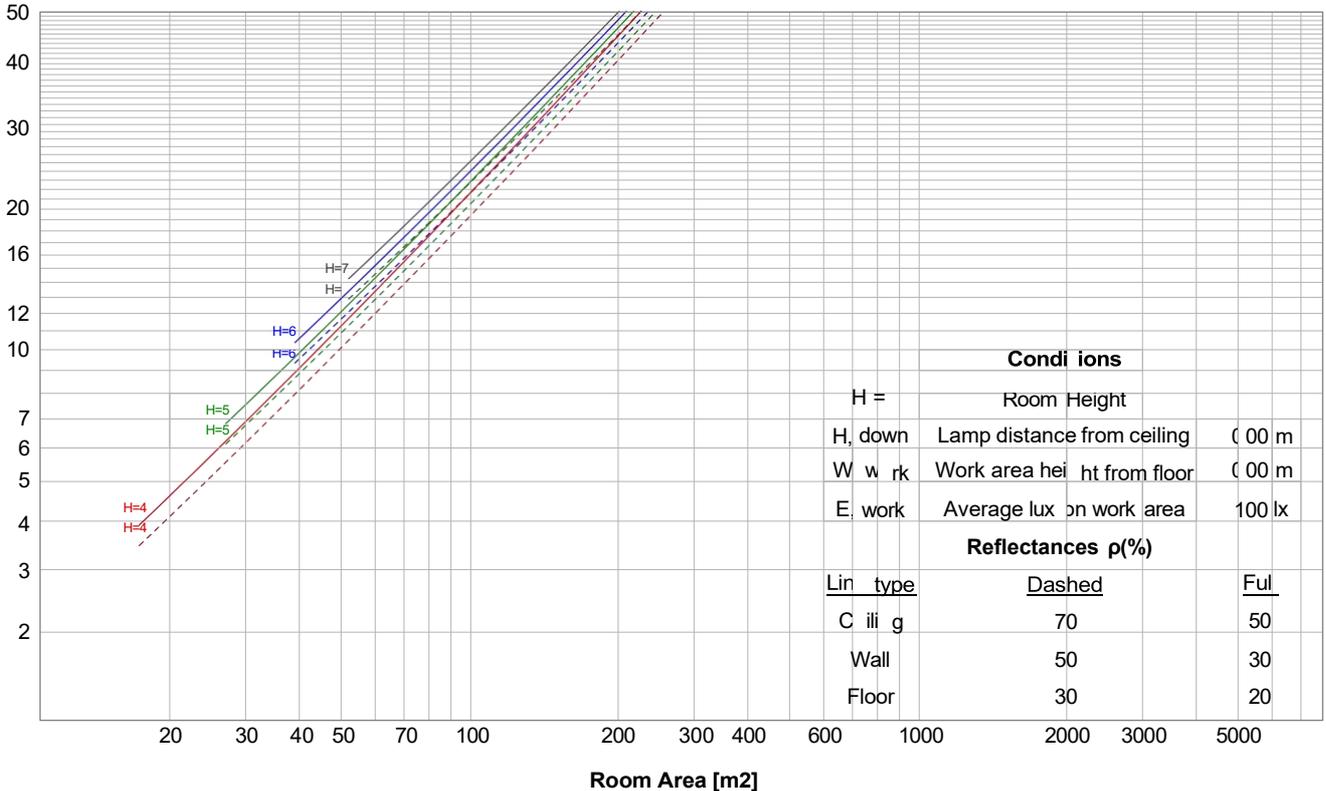
# Light Measurement Results

## Beam details



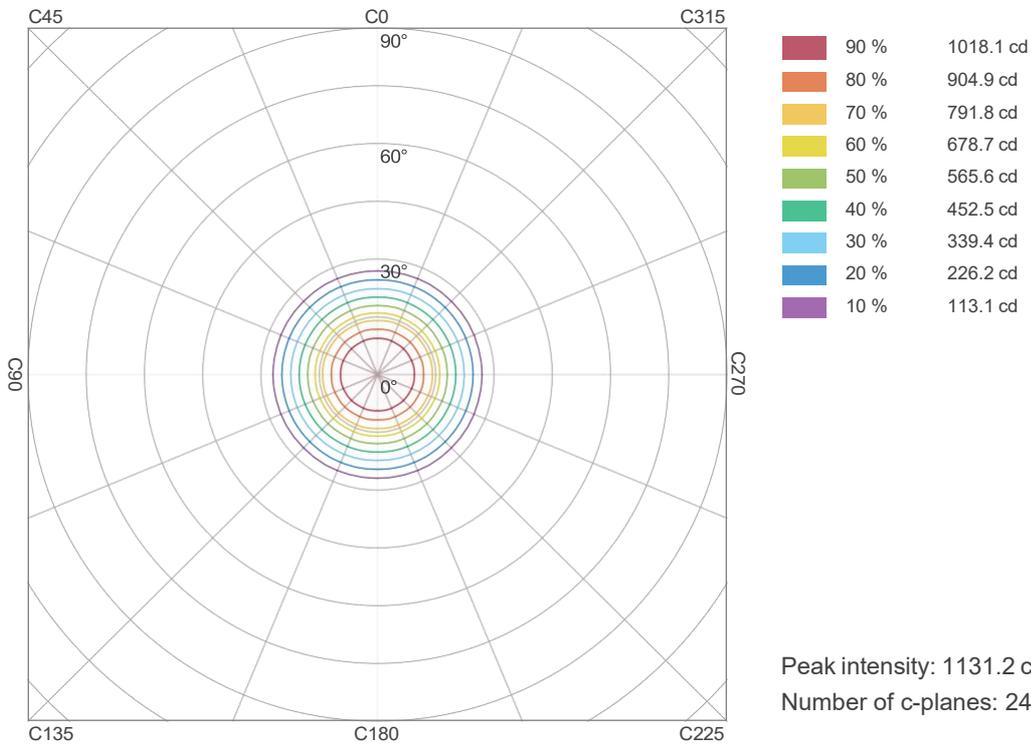
## Luminaire budgetary diagram

LAMPS (number of lamps)

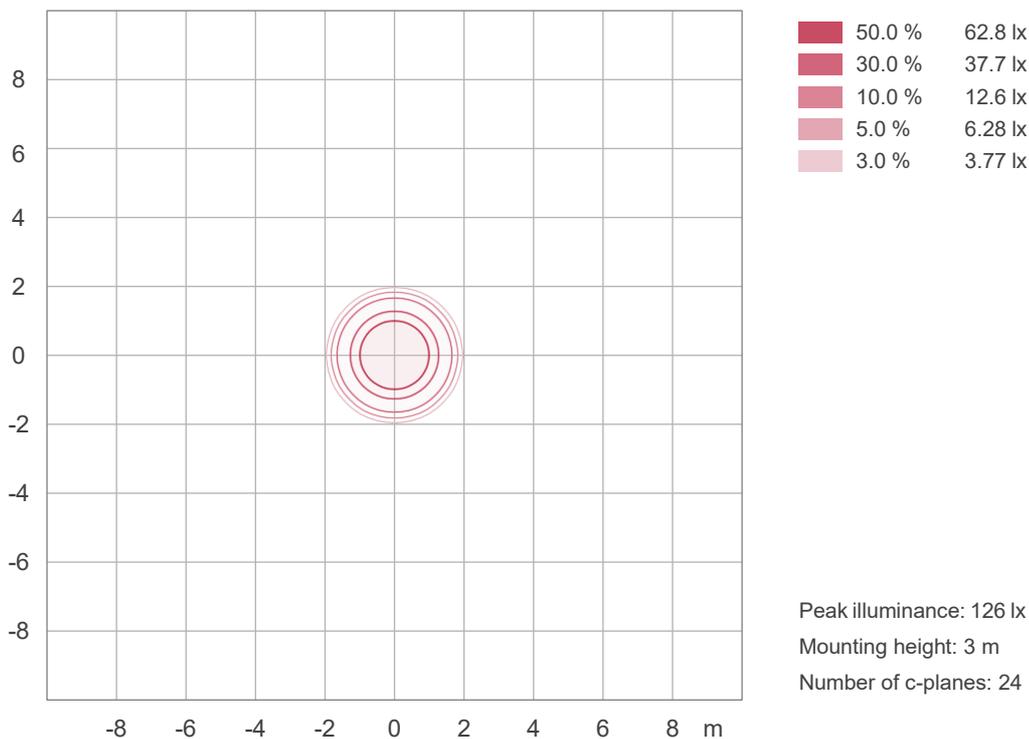


# Light Measurement Results

## Iso-intensity Diagram (Iso-candela)

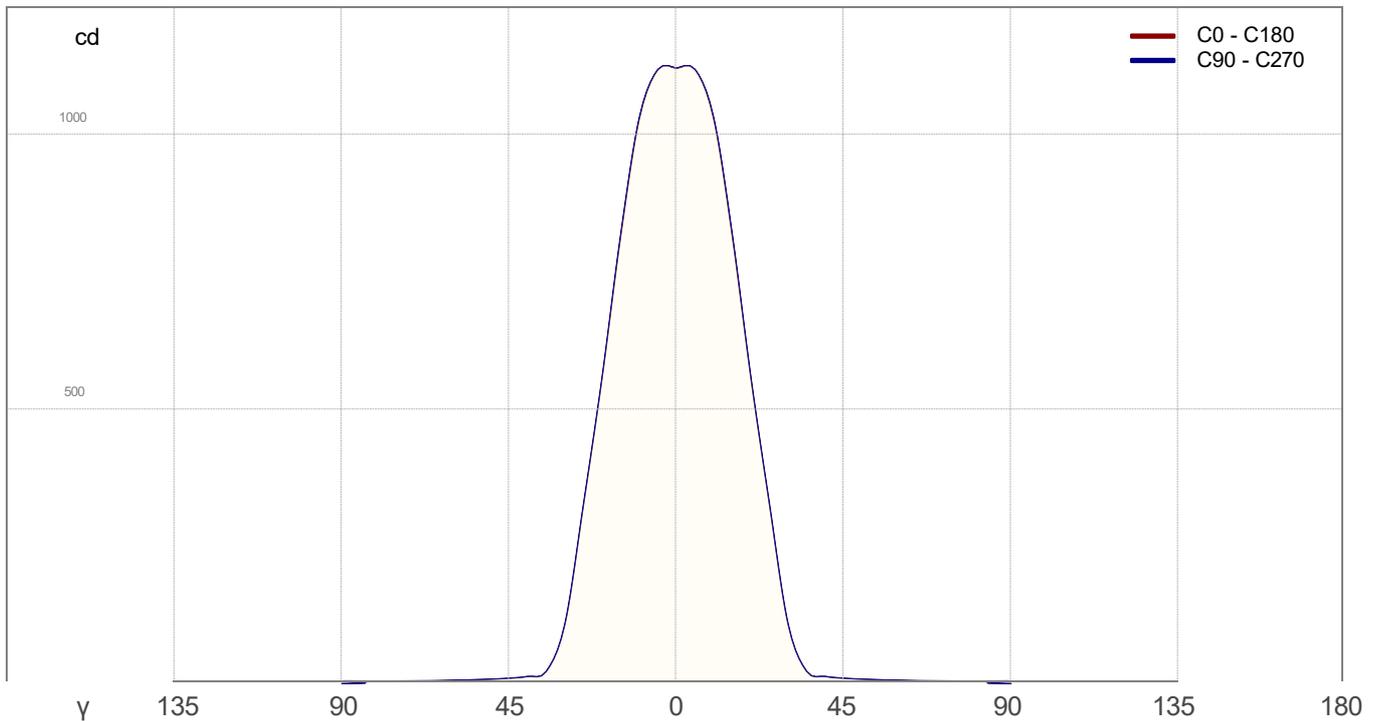


## Iso-illuminance Diagram (Iso-lux)



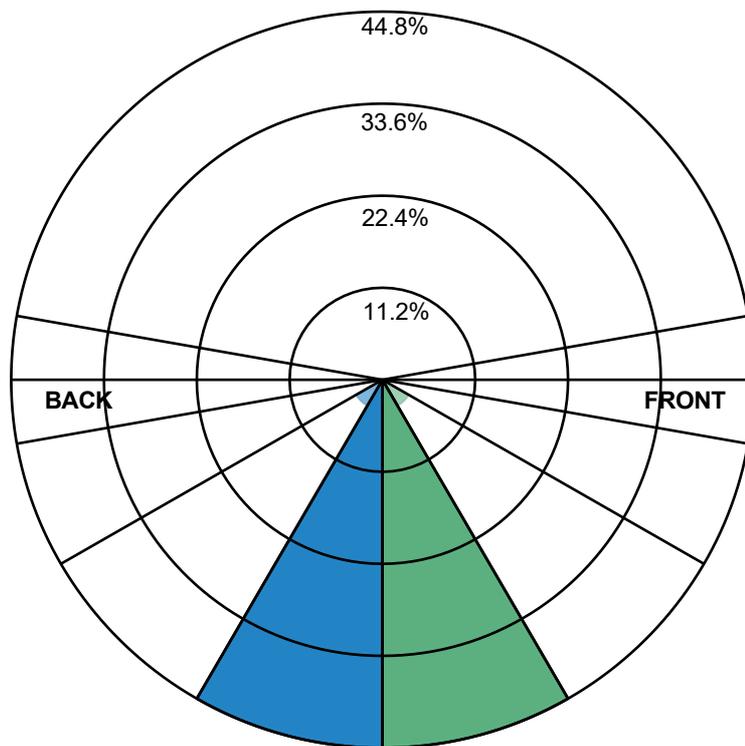
# Light Measurement Results

## Linear intensity distribution diagram



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

BUG rating B1 U0 G0



### Forward Light

Low (0-30°)	237.2 lm	44.8%
Medium (30-60°)	19.7 lm	3.7%
High (60-80°)	5.3 lm	1.0%
Very High (80-90°)	2.6 lm	0.5%

### Back Light

Low (0-30°)	237.2 lm	44.8%
Medium (30-60°)	19.7 lm	3.7%
High (60-80°)	5.3 lm	1.0%
Very High (80-90°)	2.6 lm	0.5%

### Uplight

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

### Total

Sum	529.6 lm	100,0%
-----	----------	--------