

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

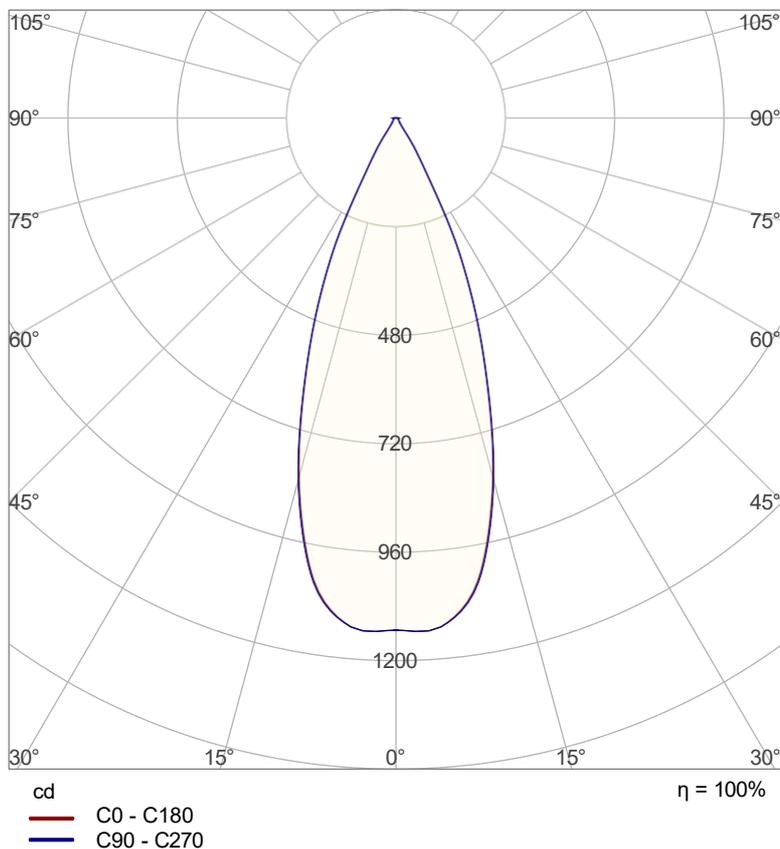
Tested Light Source

Luminaire	RIM-20110-30
Basic Luminous Shape	SPOT
Item No.	
Manufacturer	RiMLED

Main Light Measurement Results

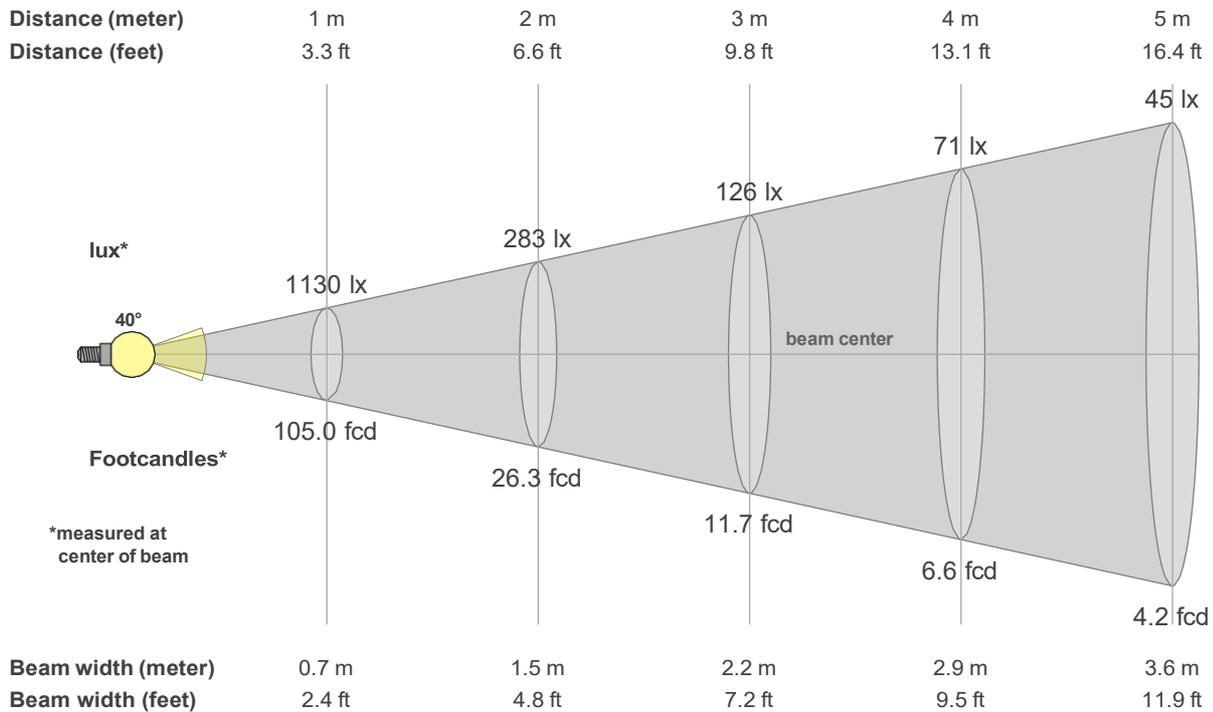
Output – Total Lumen (Up% / Down%)	529.6 lm – 0.005% / 99.99%
Efficiency	61.58 lm/W
Peak Intensity	1132 cd
Correlated Color Temperature, CCT	3082 K
Color Rendering Index	CRI 97.5

Polar light distribution diagram



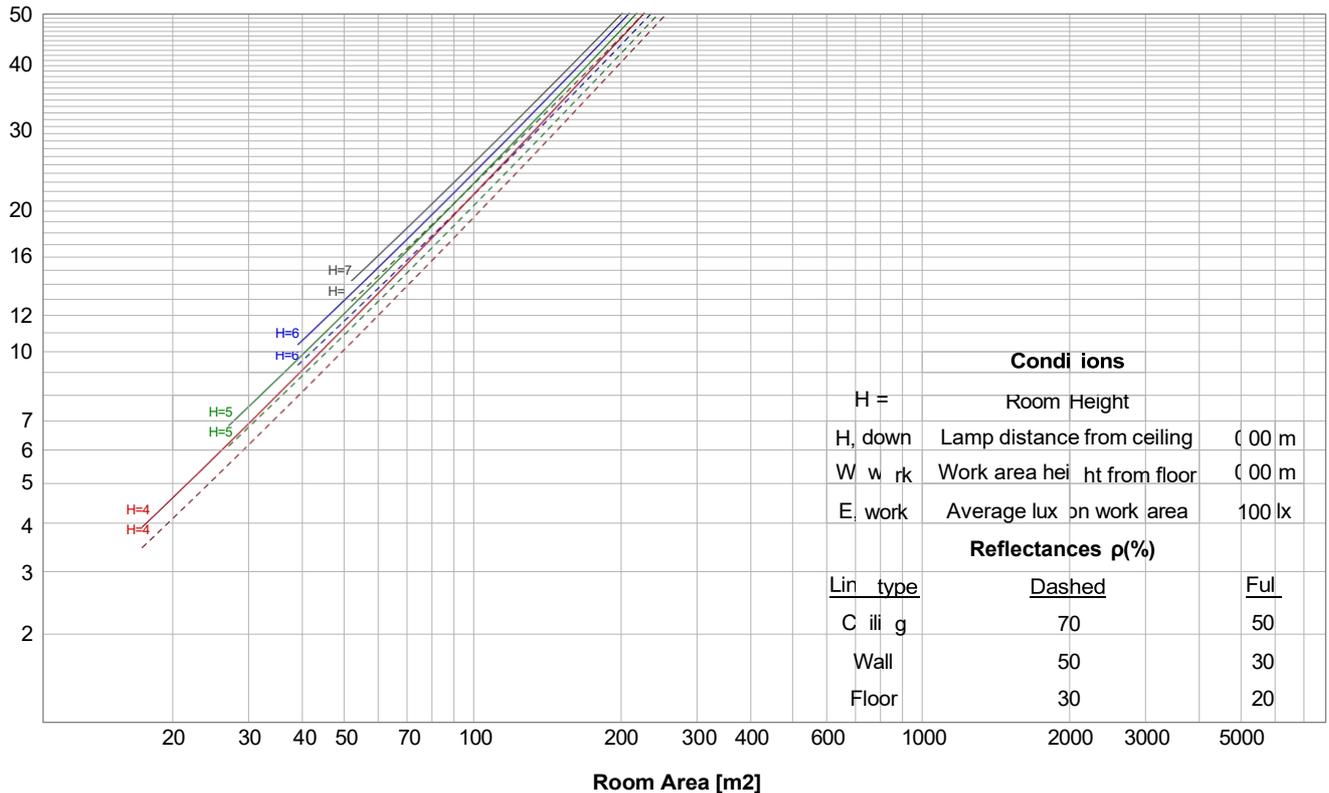
Light Measurement Results

Beam details



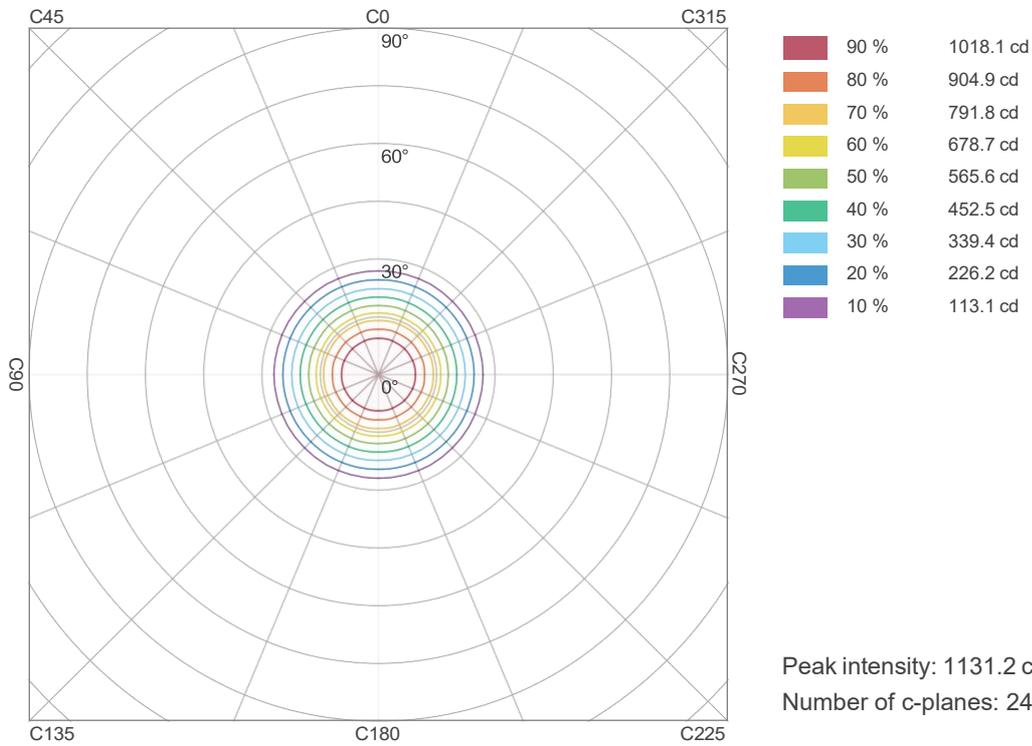
Luminaire budgetary diagram

LAMPS (number of lamps)

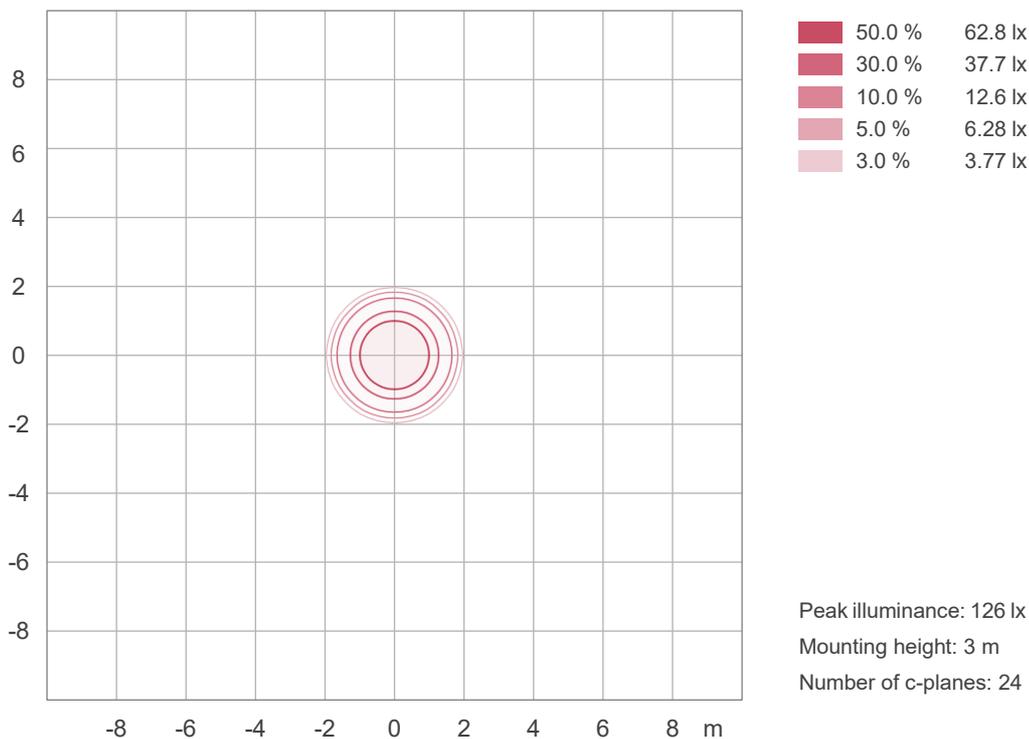


Light Measurement Results

Iso-intensity Diagram (Iso-candela)

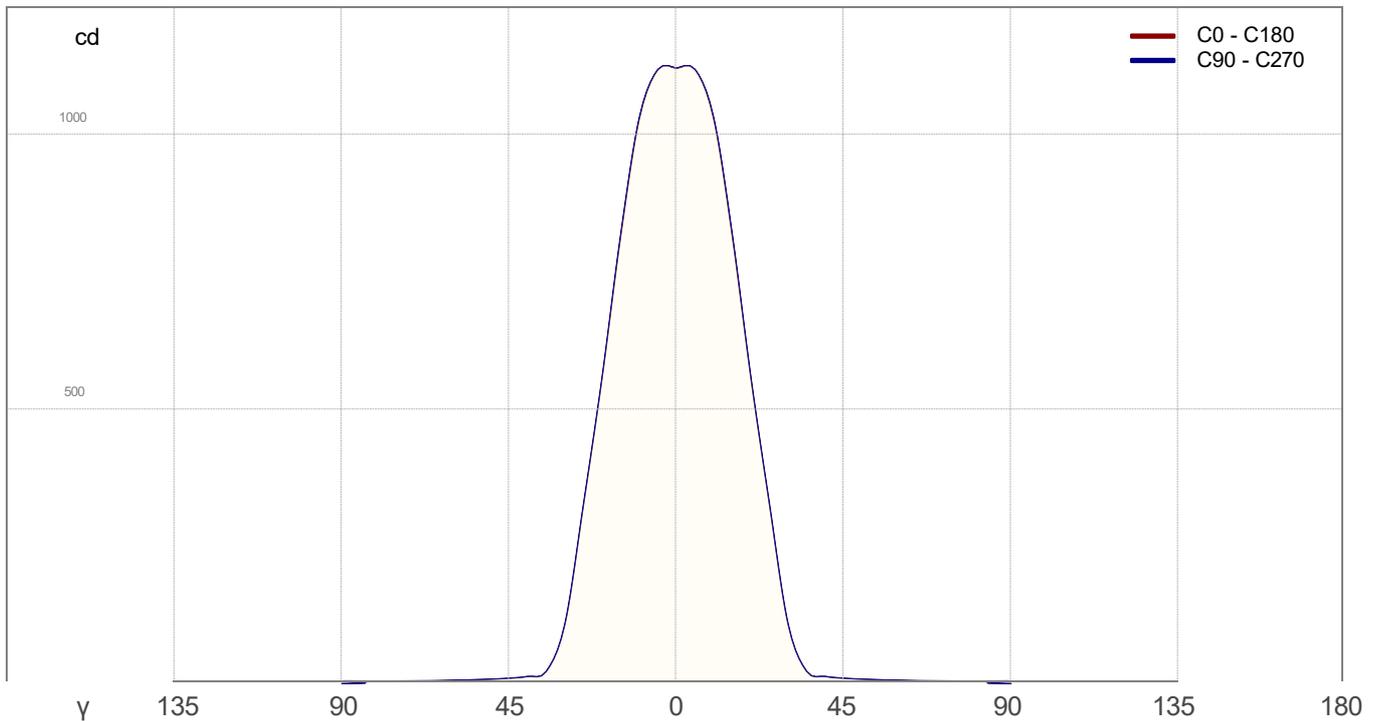


Iso-illuminance Diagram (Iso-lux)



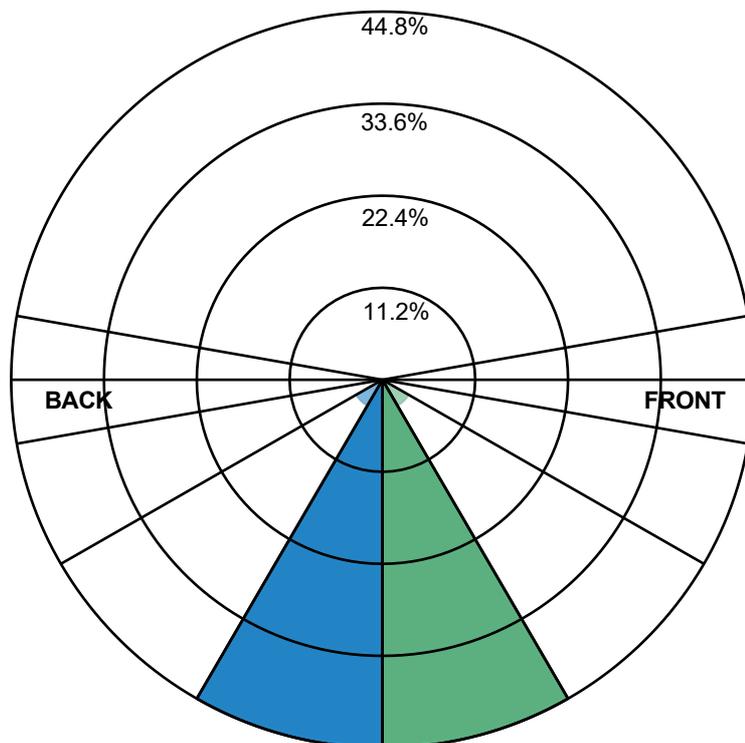
Light Measurement Results

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%
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