

Laboratory and Equipment

Test lab	Shenzhen Anbotek Compliance Laboratory Ltd
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	3/29/2018

Measurement Conditions

Tested c-planes	16
Tested gamma angles	181 – 1.00°
Input Power	10.7 W

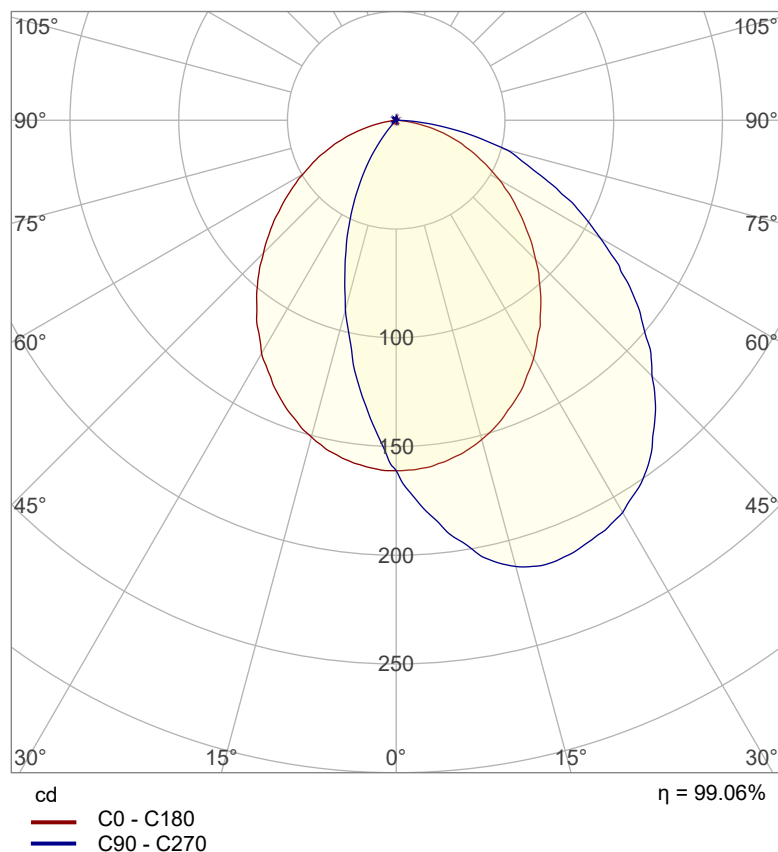
Tested Light Source

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

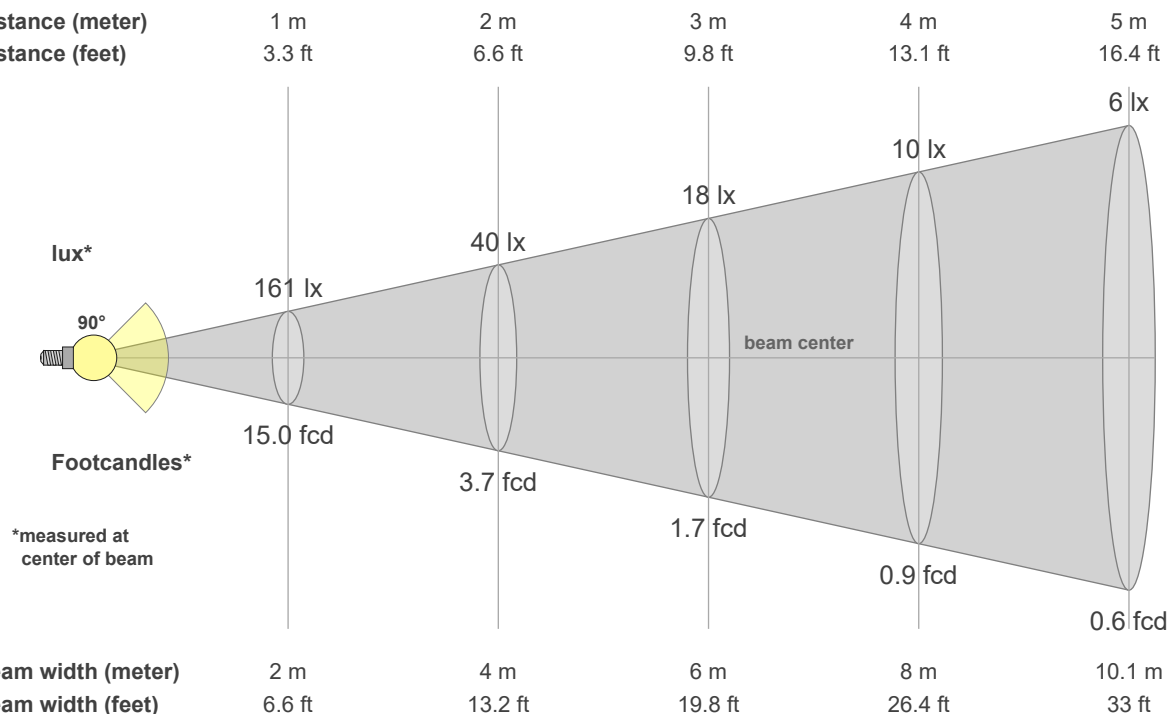
Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	395.5 lm – 0.2521% / 99.75%
Efficiency	36.96 lm/W
Peak Intensity	215.5 cd
Correlated Color Temperature, CCT	2700 K
Color Rendering Index	CRI 85.0

Polar light distribution diagram

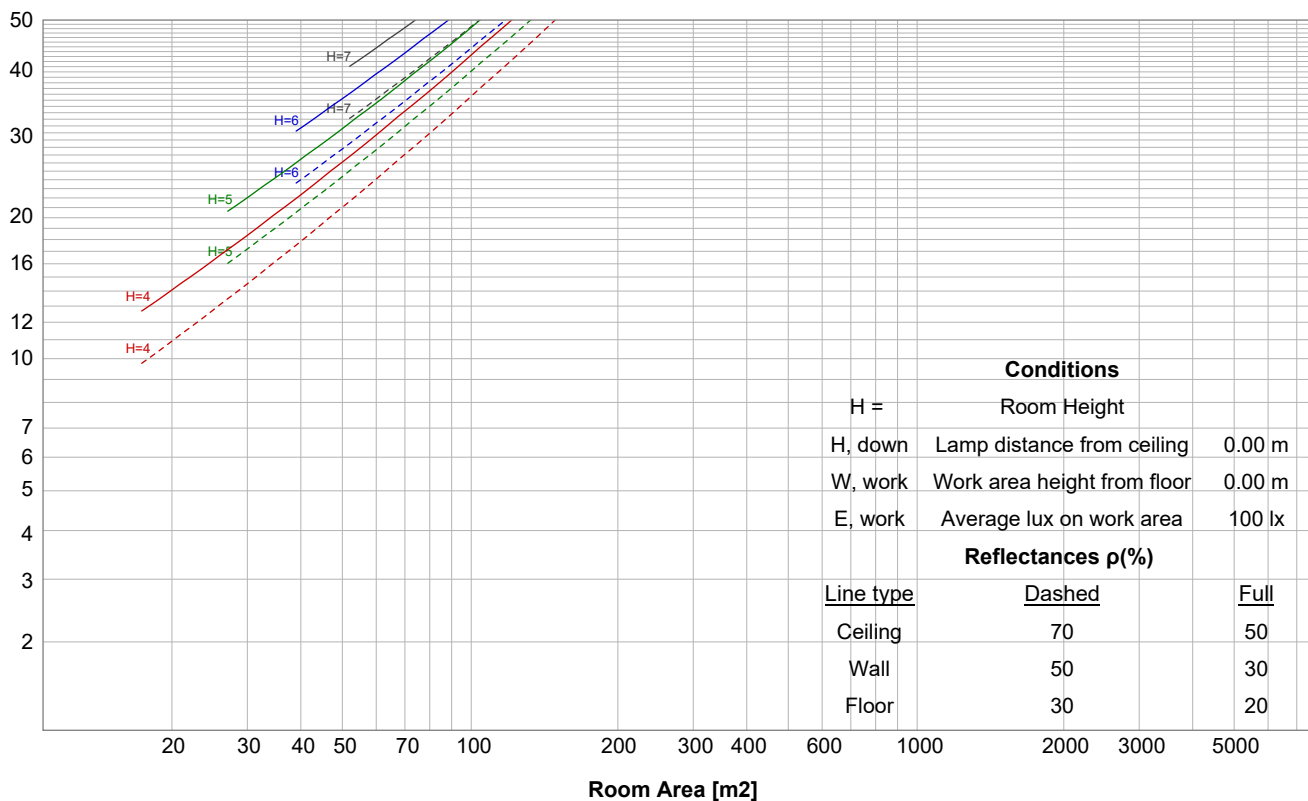


Beam details

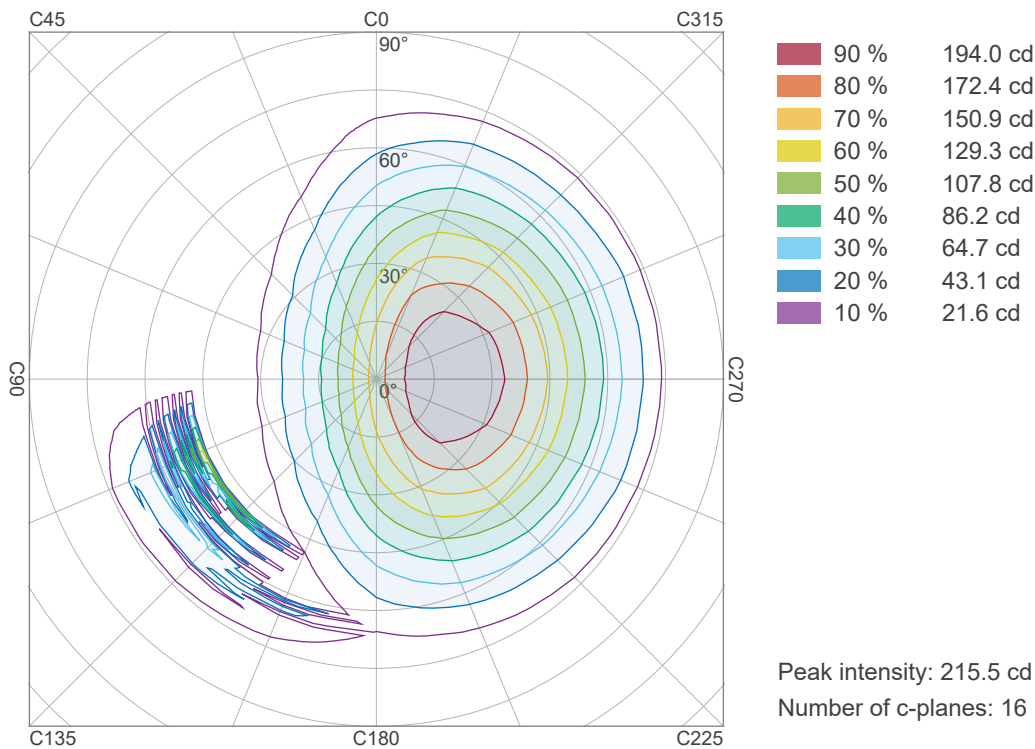


Luminaire budgetary diagram

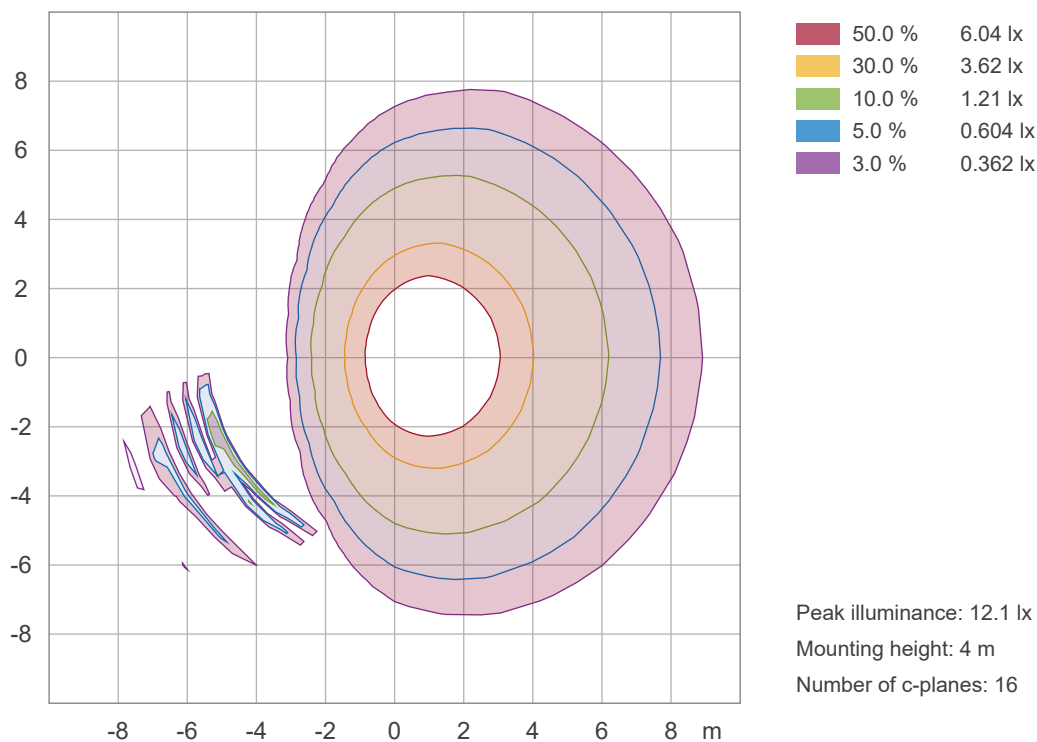
LAMPS (number of lamps)



Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

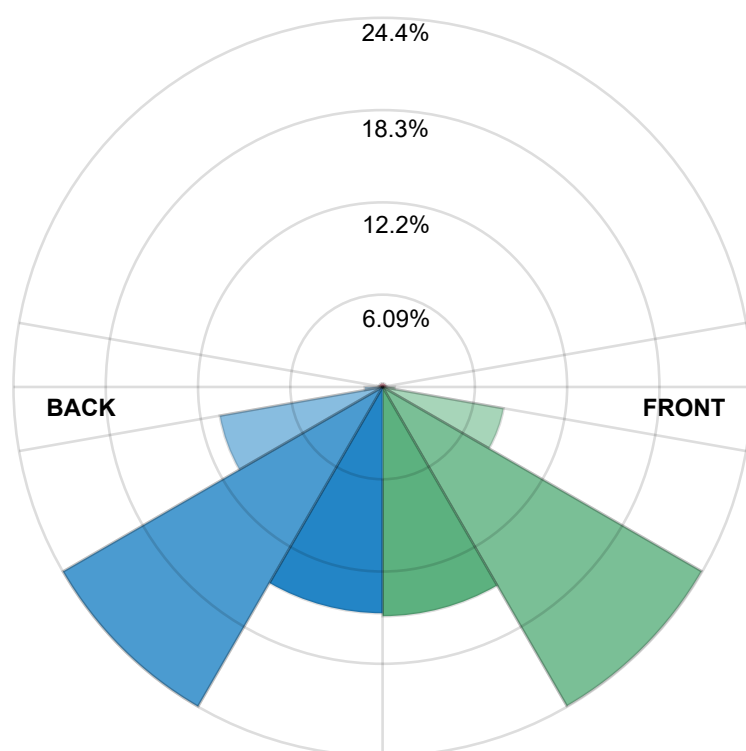


Linear intensity distribution diagram



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

BUG rating B0 U1 G0



Forward Light

Low (0-30°)	59.8 lm	15.1%
Medium (30-60°)	96.1 lm	24.3%
High (60-80°)	32.1 lm	8.1%
Very High (80-90°)	3.2 lm	0.8%

Back Light

Low (0-30°)	59.0 lm	14.9%
Medium (30-60°)	96.3 lm	24.4%
High (60-80°)	43.1 lm	10.9%
Very High (80-90°)	4.7 lm	1.2%

Uplight

Low (90-100°)	0.0 lm	0.01%
High (100-180°)	1.0 lm	0.2%

Total

Sum	395.5 lm	100,0%
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