

Test report

Light measurement results

Laboratory and Equipment

Test lab
Spectrometer Manufacturer and Model
Measurement date 9/18/2025

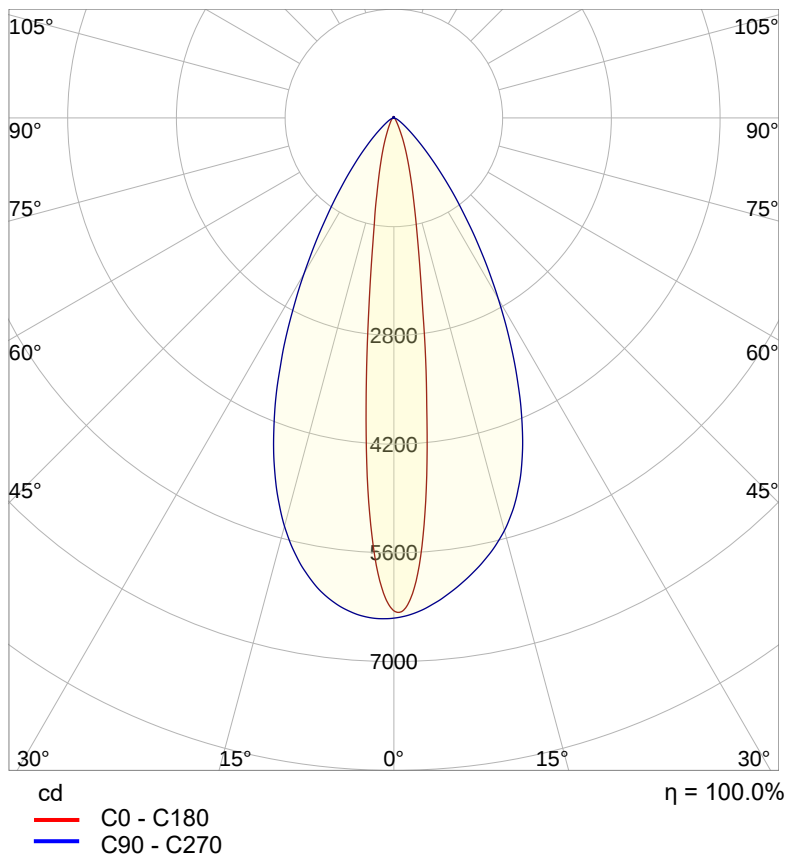
Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power 20.0 W

Tested Light Source
Luminaire Blzaeline Mini-600mm-3000K-15x55D-Rev3
Basic Luminous Shape NONE
Item No.
Manufacturer Luminoscape

Main Light Measurement Results
Output – Total Lumen 2080 lm
Efficiency 104 lm/W
Peak Intensity 6450 cd
Correlated Color Temperature, CCT 3000 K
Color Rendering Index CRI 80.0

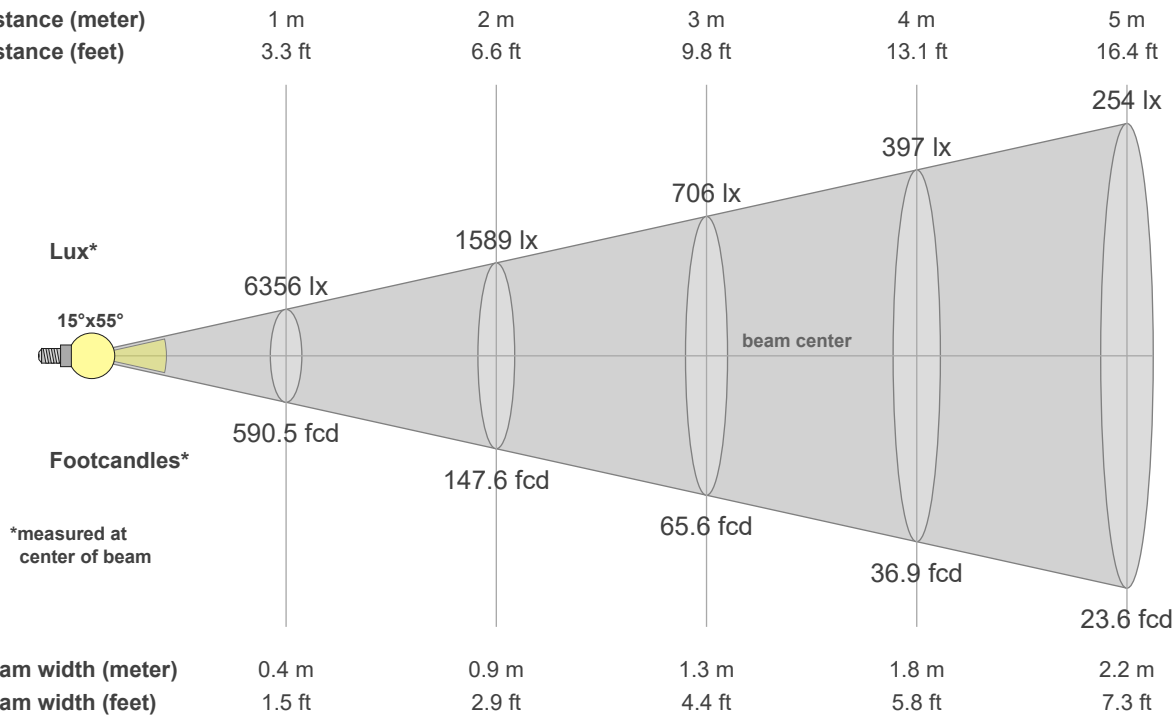
Polar light distribution diagram



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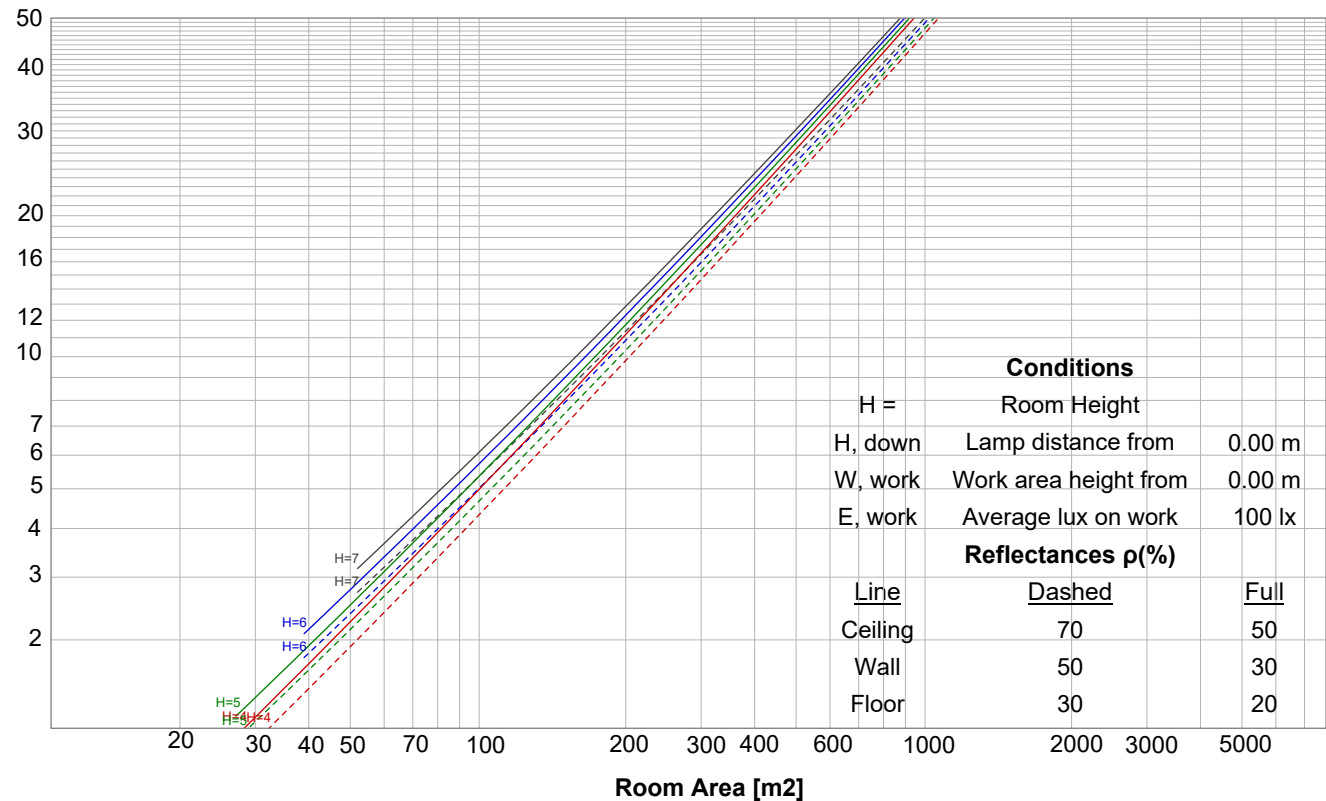
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Beam details



Luminaire budgetary diagram

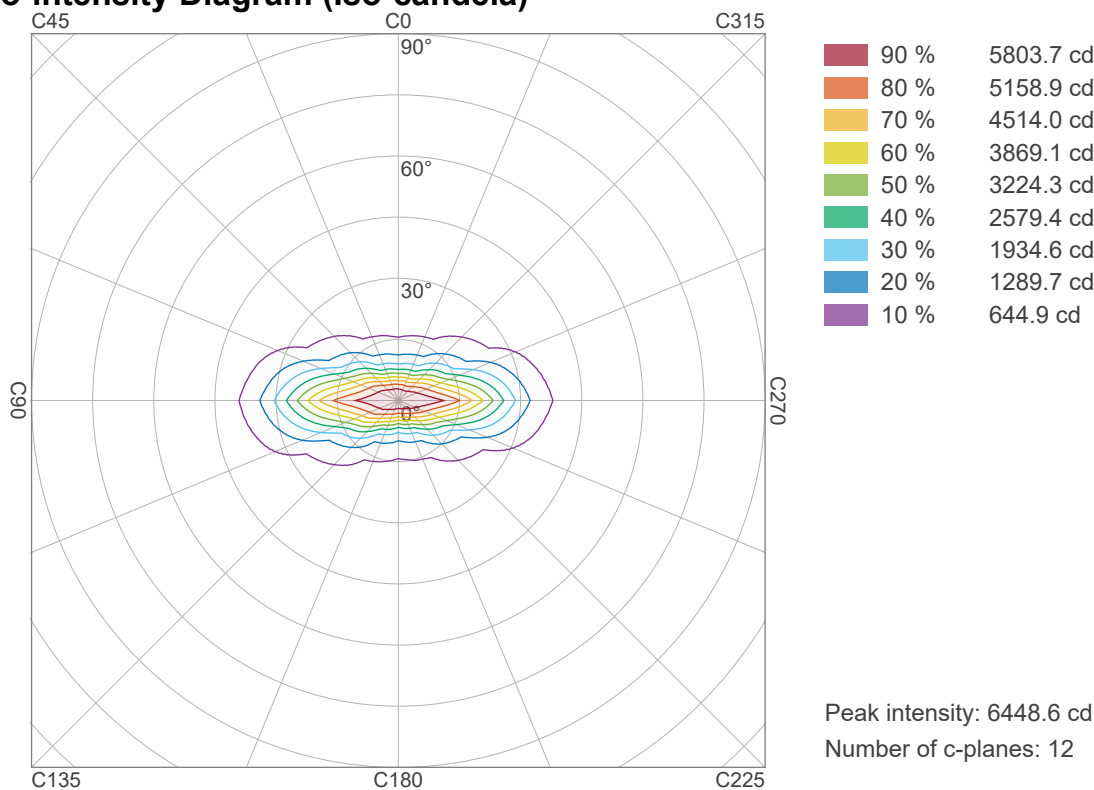
LAMPS (number of lamps)



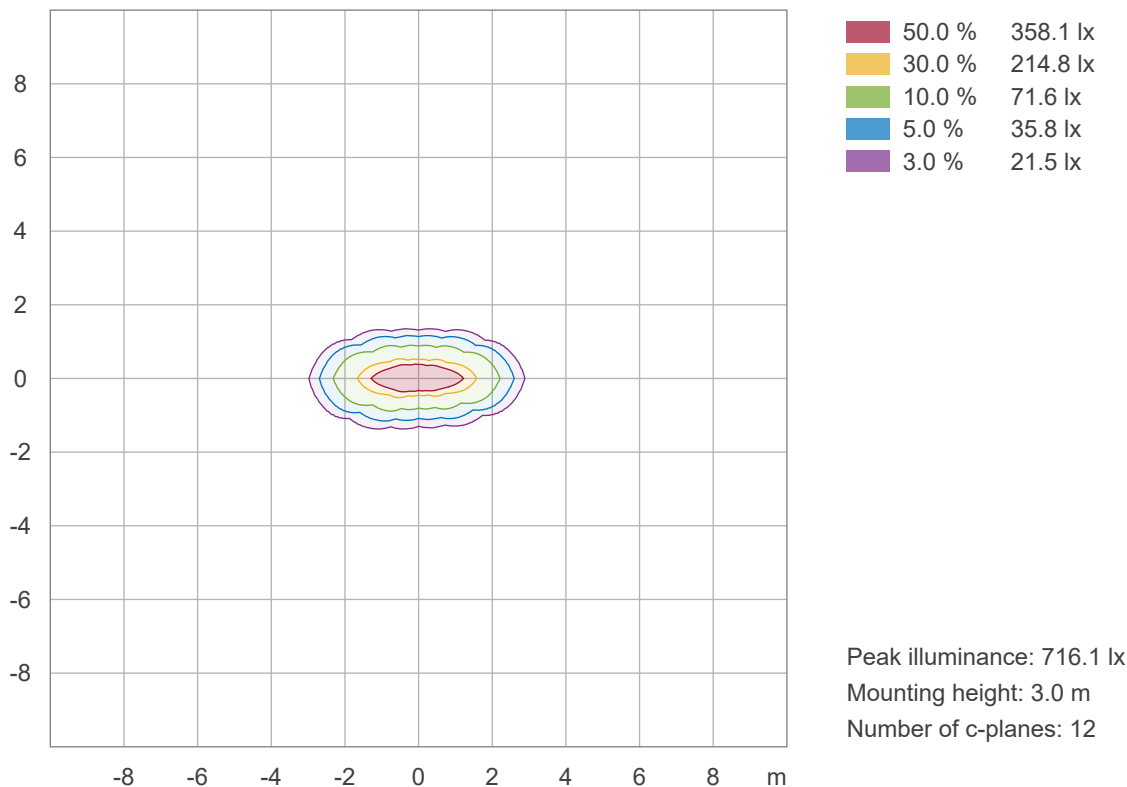
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Iso-intensity Diagram (Iso-candela)



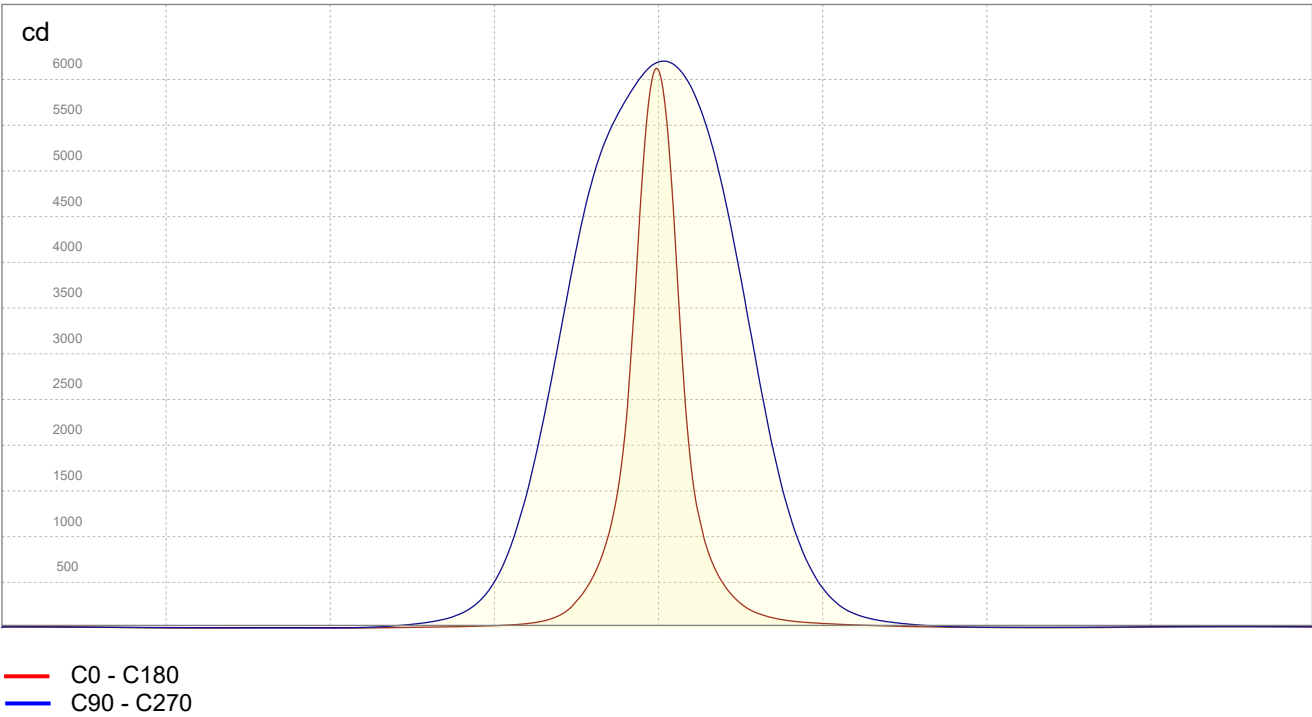
Iso-illuminance Diagram (Iso-lux)



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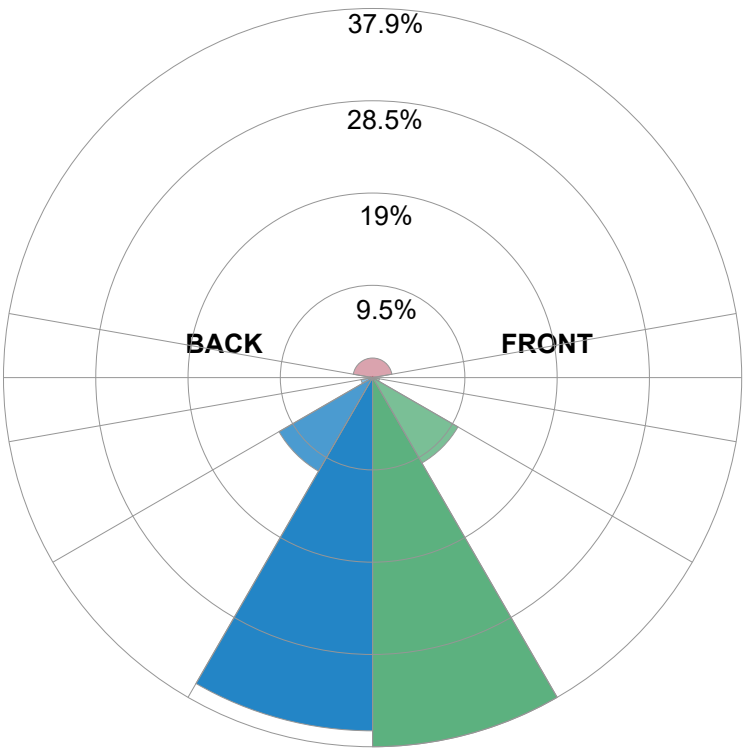
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Linear intensity distribution



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

BUG rating B2 U2 G0



Forward Light

Low (0-30°)	789.1	lm	37.9%
Medium (30-60°)	210.7	lm	10.1%
High (60-80°)	14.9	lm	0.7%
Very High	1.9	lm	0.1%

Back Light

Low (0-30°)	755.1	lm	36.3%
Medium (30-60°)	231.1	lm	11.1%
High (60-80°)	24.9	lm	1.2%
Very High	4.8	lm	0.2%

Uplight

Low (90-100°)	5.5	lm	0.3%
High (100-180°)	41.9	lm	2%

Total

Sum	2080	lm	100%
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