

Test report

Light measurement results

Print date 10/16/2025

Laboratory and Equipment

Test lab
Spectrometer Manufacturer and Model
Measurement date 10/10/2025

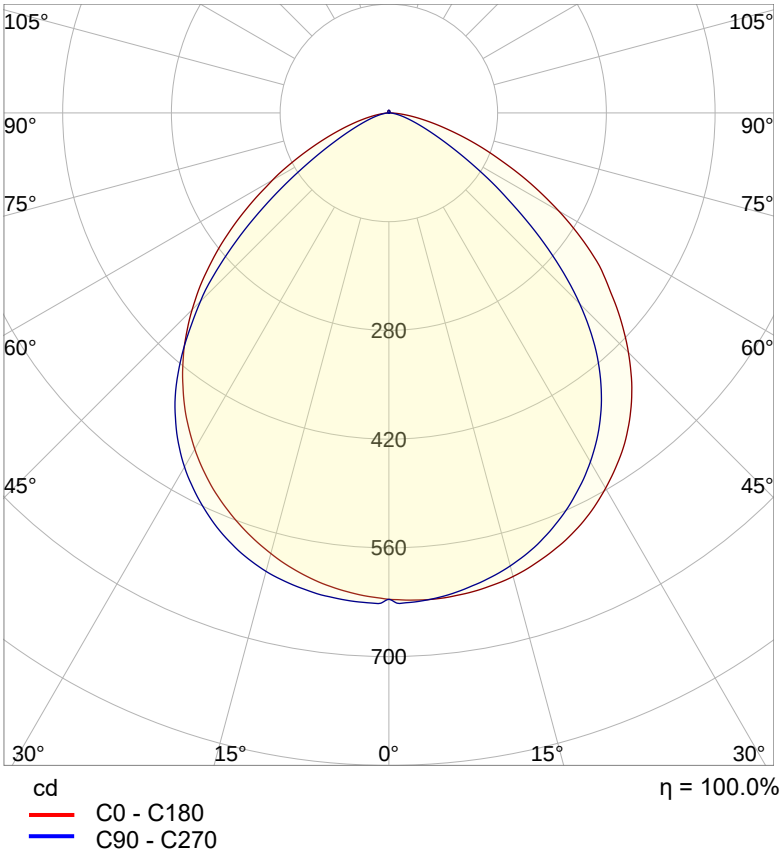
Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power 16.0 W

Tested Light Source
Luminaire Luna Cove-615mm-3000K-90x105D-REV1
Basic Luminous Shape NONE
Item No.
Manufacturer Luminoscape

Main Light Measurement Results
Output – Total Lumen (Up% / Down%) 1444 lm
Efficiency 90 lm/W
Peak Intensity 631 cd
Correlated Color Temperature, CCT 3000 K
Color Rendering Index CRI 90.0

Polar light distribution diagram

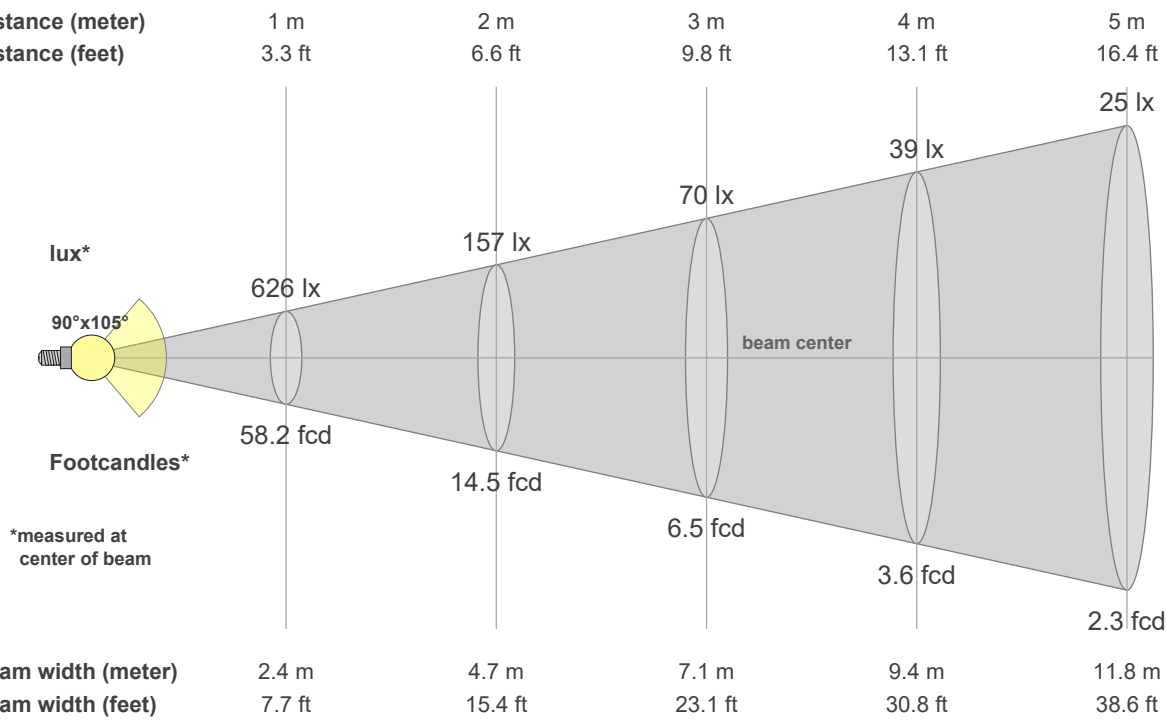


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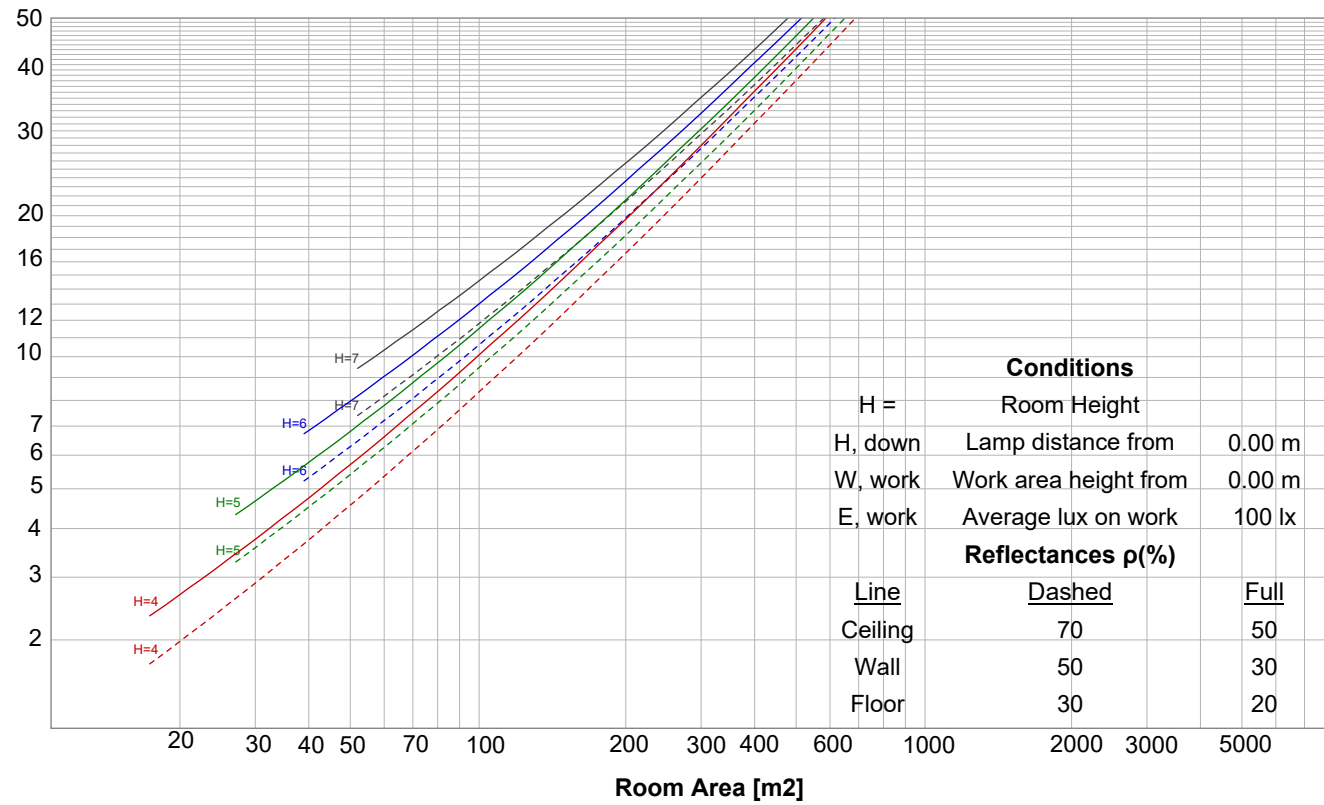
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Beam details



Luminaire budgetary diagram

LAMPS (number of lamps)

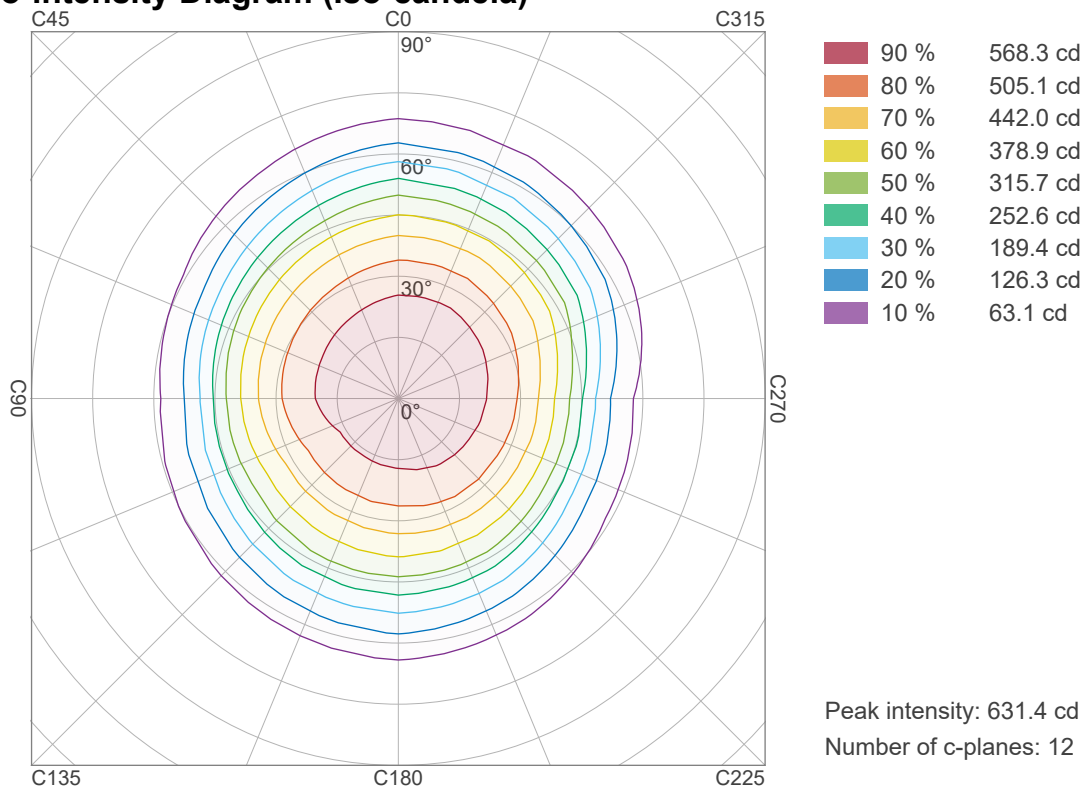


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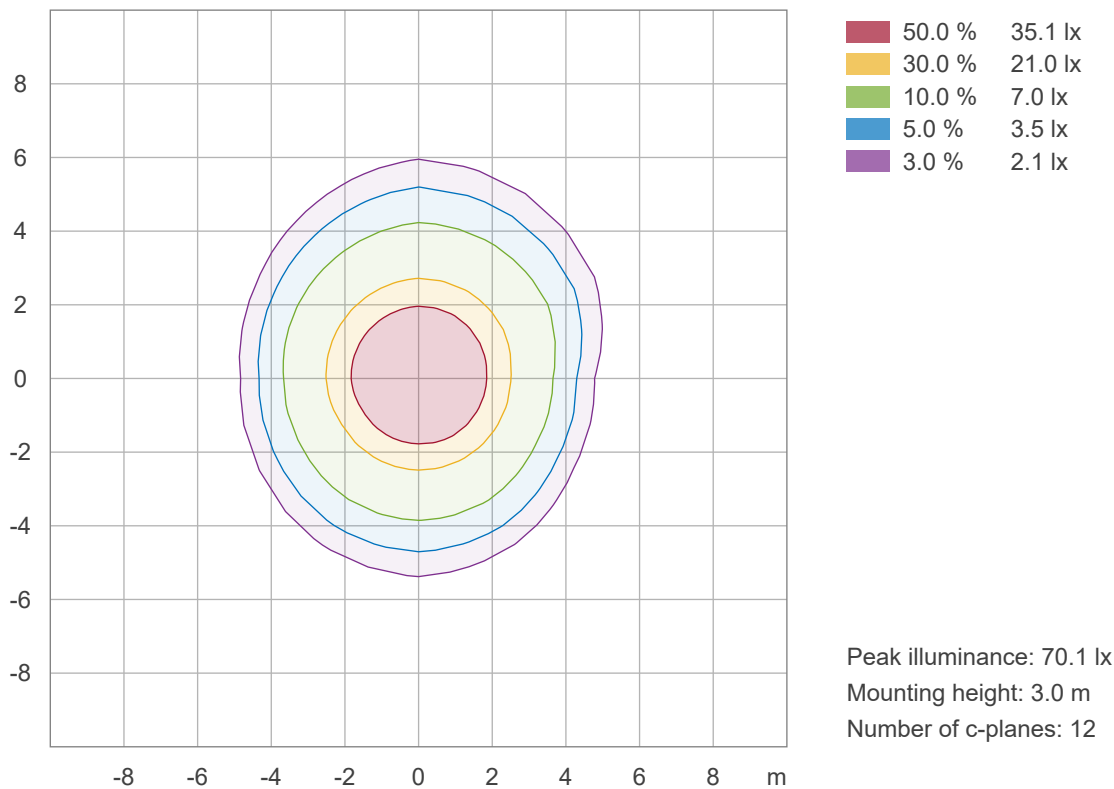
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Iso-intensity Diagram (Iso-candela)



Iso-illuminance Diagram (Iso-lux)

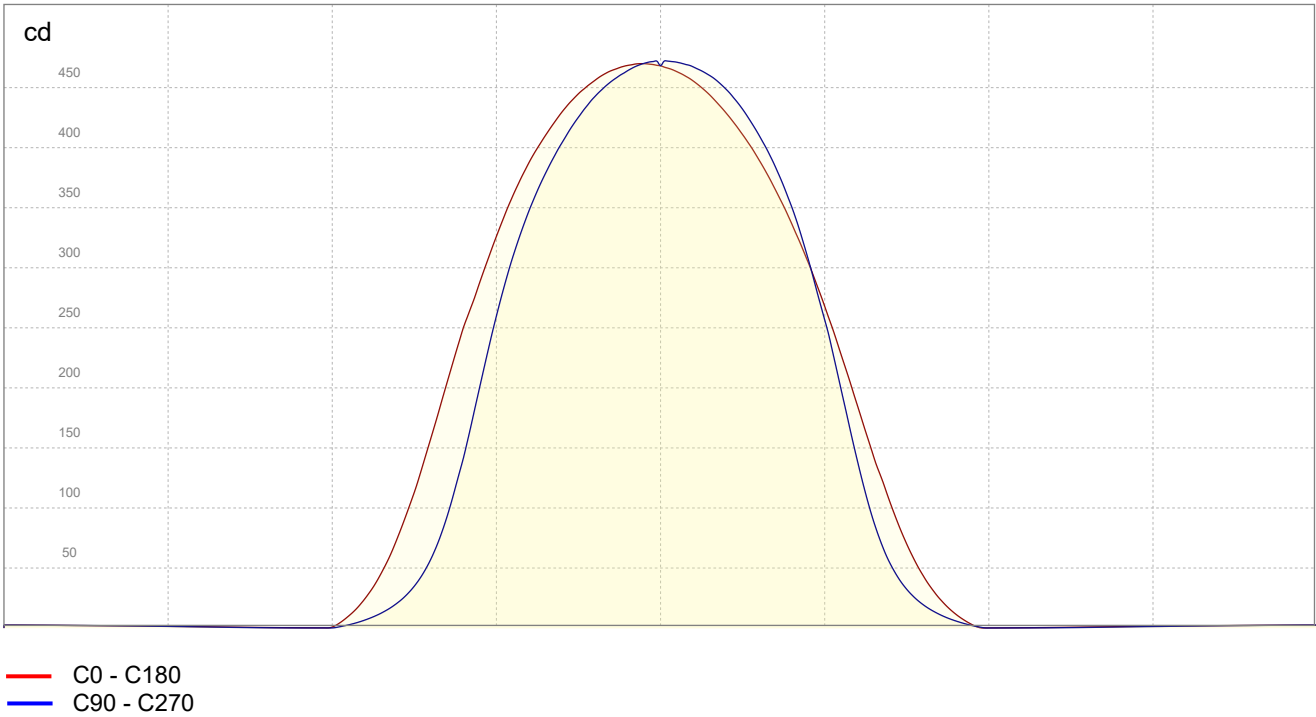


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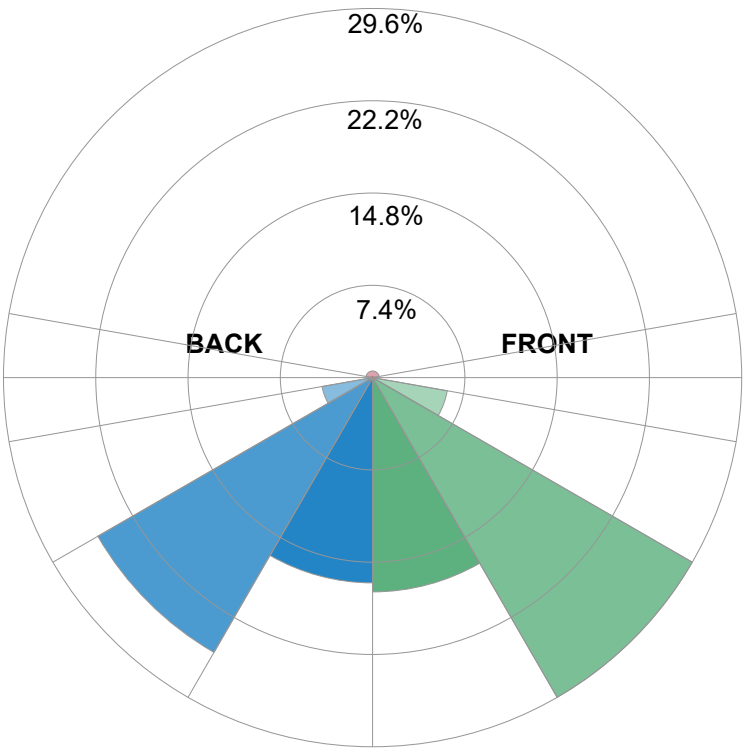
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Linear intensity distribution



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

BUG rating B1 U1 G0



Forward Light

Low (0-30°)	248.1	lm	17.2%
Medium (30-60°)	427.5	lm	29.6%
High (60-80°)	87.8	lm	6.1%
Very High	5.6	lm	0.4%

Back Light

Low (0-30°)	237.7	lm	16.5%
Medium (30-60°)	367.4	lm	25.4%
High (60-80°)	59.4	lm	4.1%
Very High	2.6	lm	0.2%

Uplight

Low (90-100°)	0.2	lm	0%
High (100-180°)	7.7	lm	0.5%

Total

Sum	1444	lm	100%
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