

Test report

Light measurement results

Laboratory and Equipment

Test lab
Spectrometer Manufacturer and Model
Measurement date

n/a - serial: n/a sensor serial: n/a
n/a, n/a – n/a
5/4/2025

Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power

9 – distance {C_PLANES_DIST}°
361 – {H_PLANES_DIST}°
11.6 W

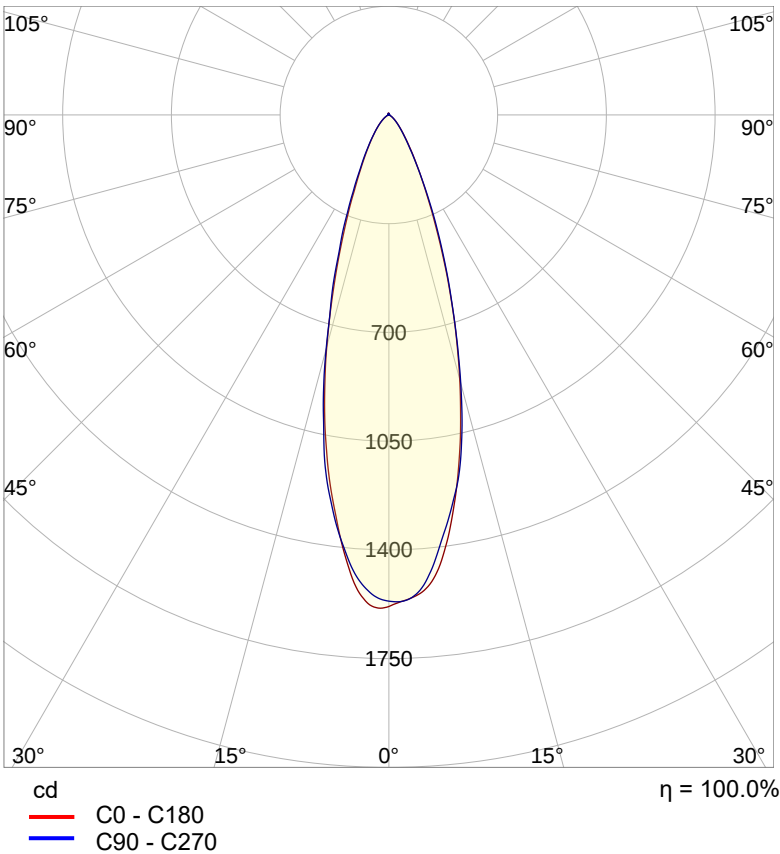
Tested Light Source
Luminaire
Basic Luminous Shape
Item No.
Manufacturer

Blazeline Max-598mm-TW-2200K-30D-Rev1
NONE
Luminoscape

Main Light Measurement Results
Output – Total Lumen (Up% / Down%)
Efficiency
Peak Intensity
Correlated Color Temperature, CCT
Color Rendering Index

628 lm – 2.27% / 97.73%
54 lm/W
1588 cd
2200 K
CRI 80.0

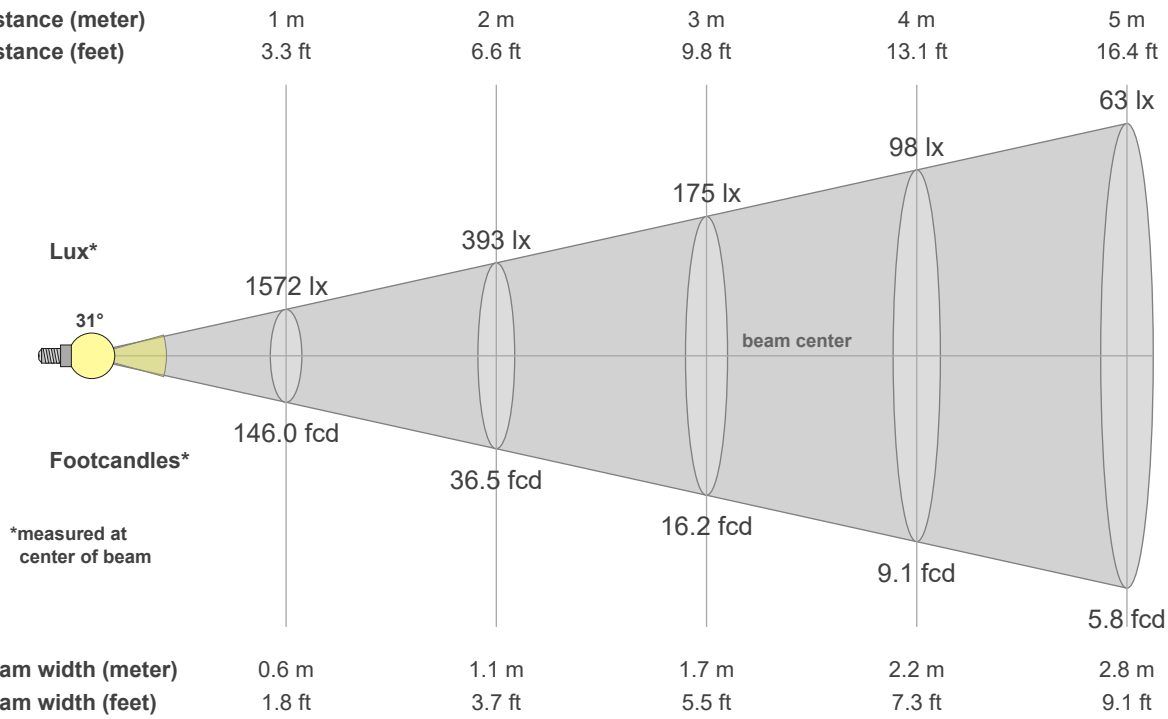
Polar light distribution diagram



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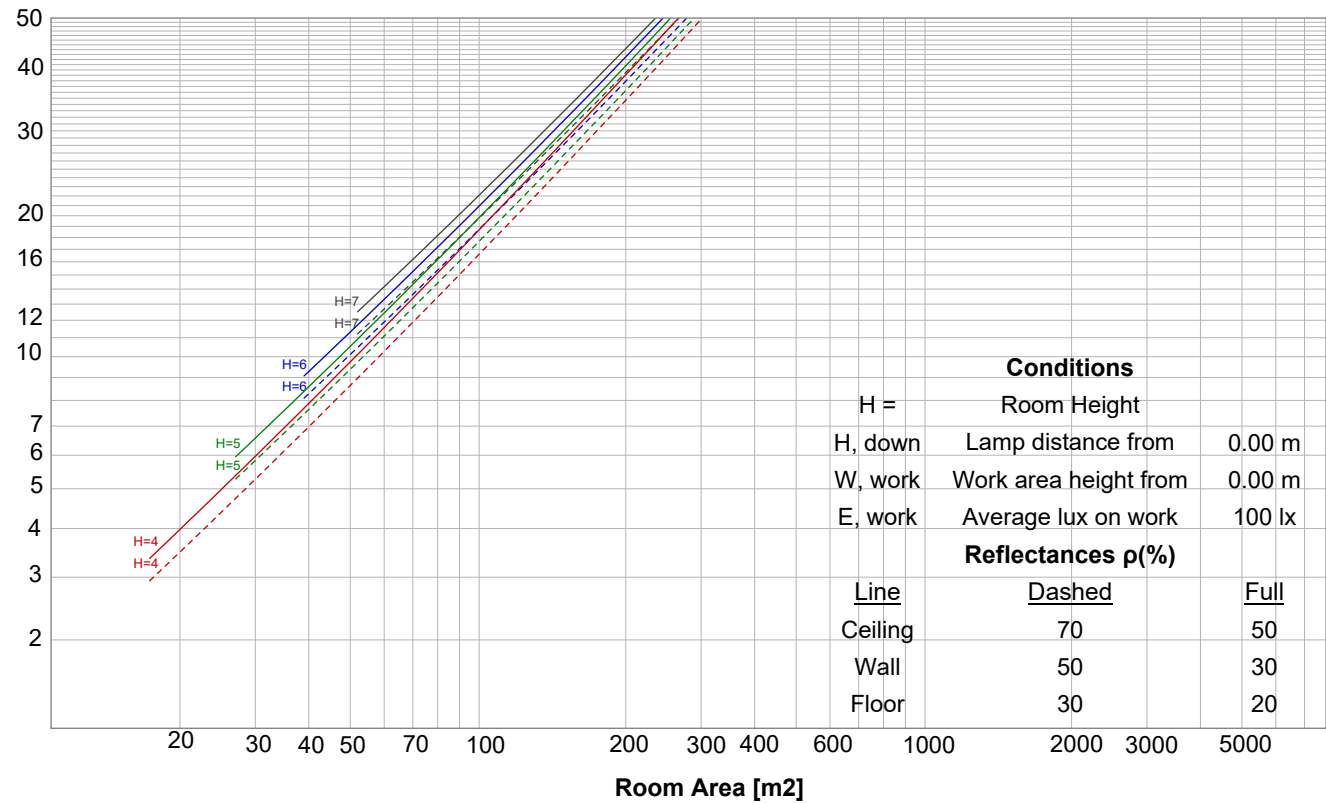
Light measurement results

Beam details



Luminaire budgetary diagram

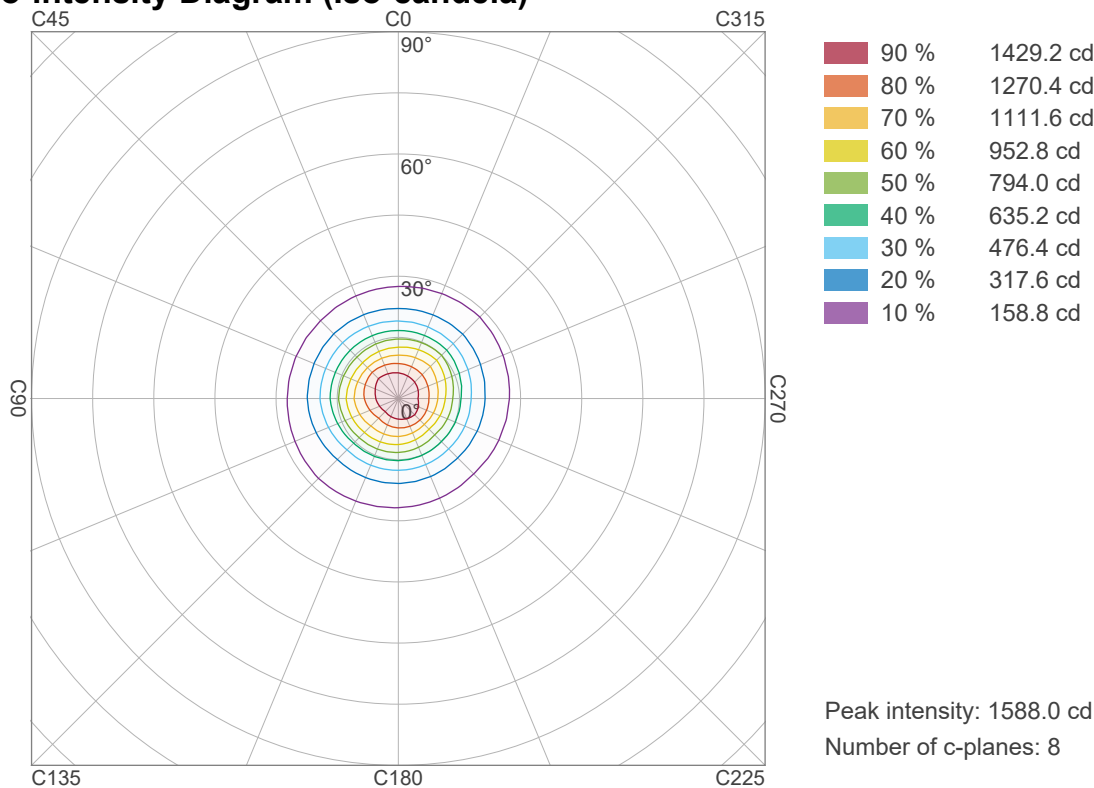
LAMPS (number of lamps)



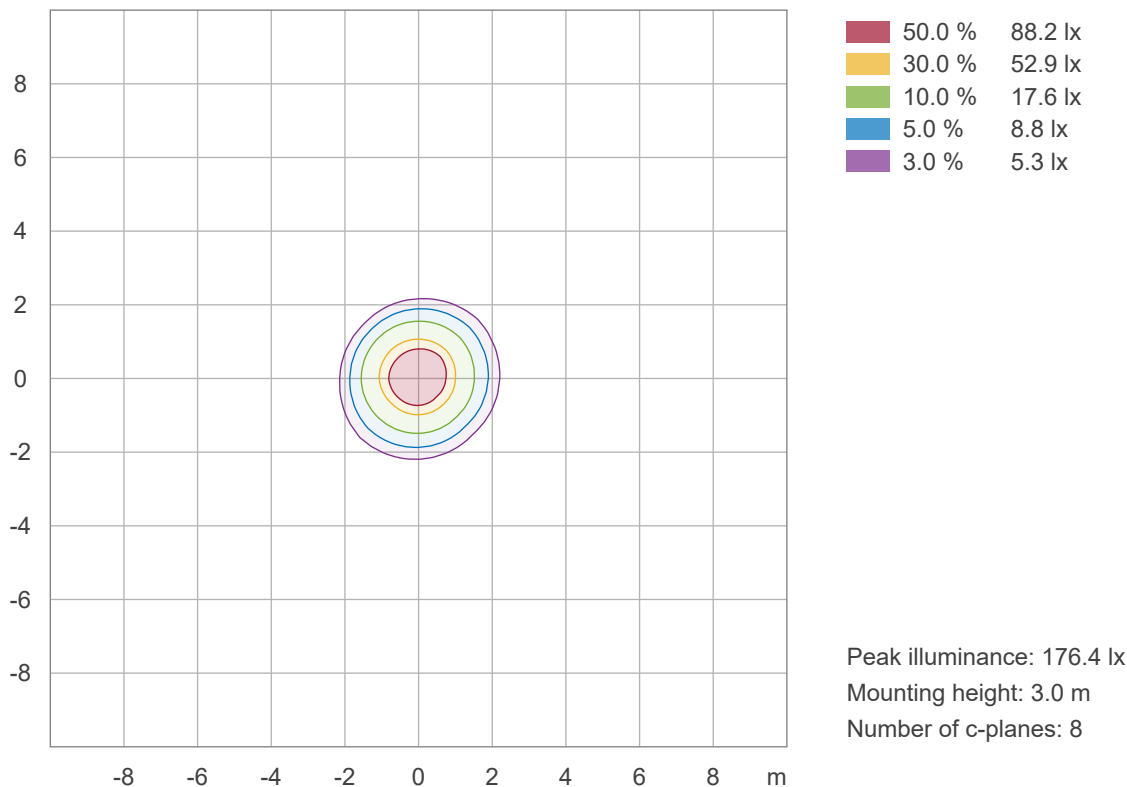
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Iso-intensity Diagram (Iso-candela)



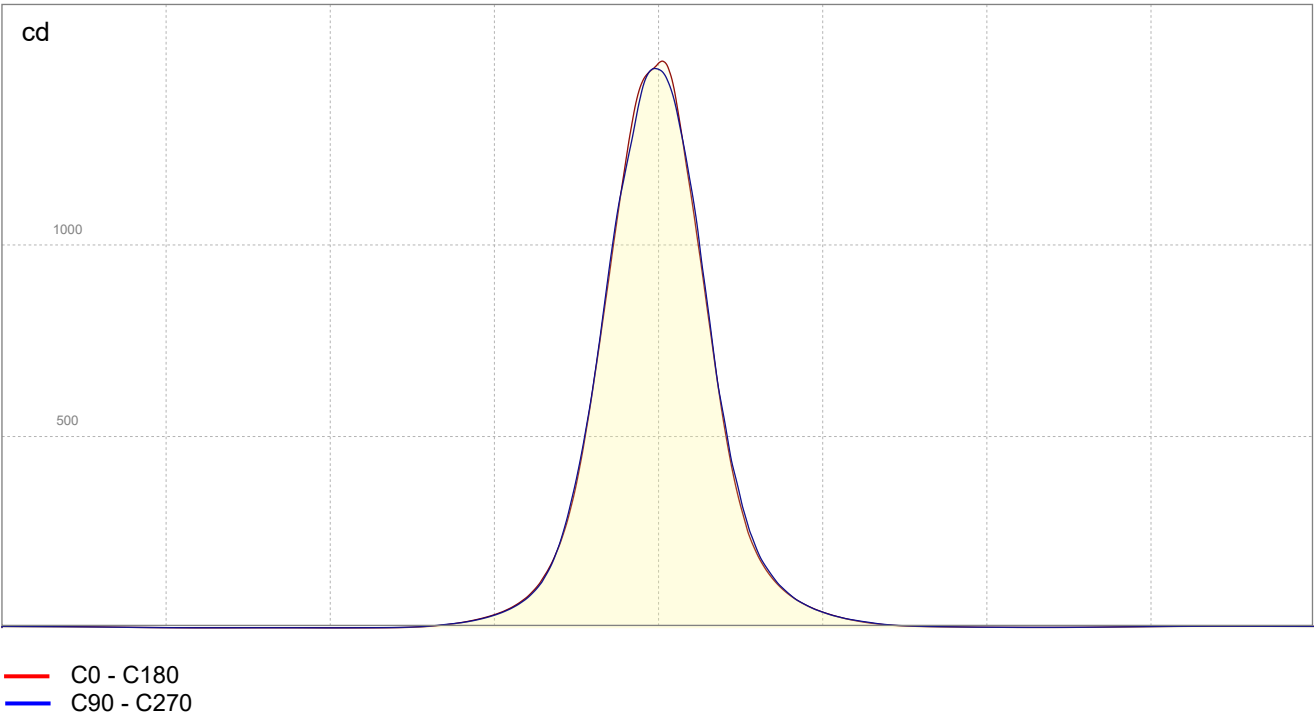
Iso-illuminance Diagram (Iso-lux)



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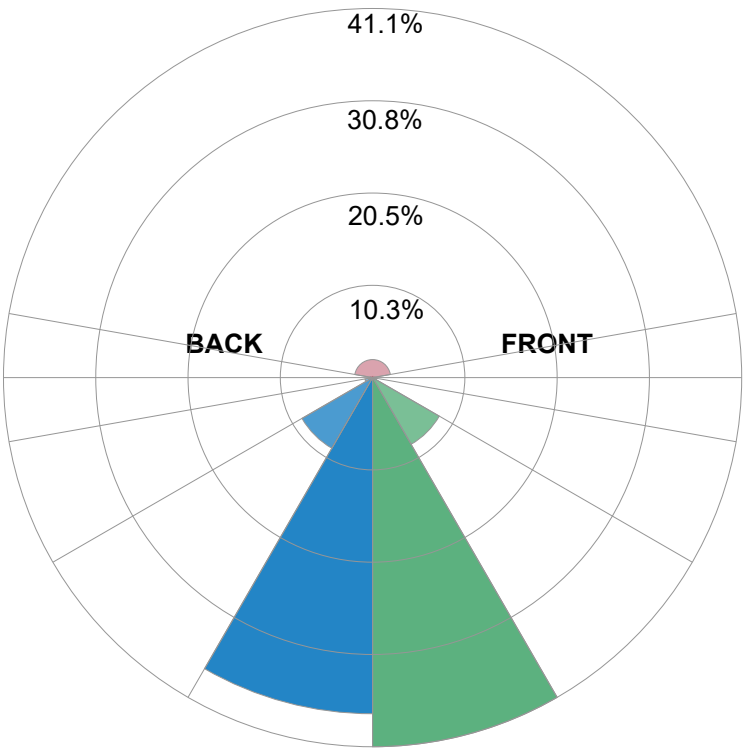
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Linear intensity distribution



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

BUG rating B1 U2 G0



Forward Light

Low (0-30°)	257.9	lm	41.1%
Medium (30-60°)	53.8	lm	8.6%
High (60-80°)	2.9	lm	0.5%
Very High	0.5	lm	0.1%

Back Light

Low (0-30°)	234.8	lm	37.4%
Medium (30-60°)	57	lm	9.1%
High (60-80°)	5.4	lm	0.9%
Very High	1.3	lm	0.2%

Uplight

Low (90-100°)	1.6	lm	0.3%
High (100-180°)	12.6	lm	2%

Total

Sum	628	lm	100%
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