

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}°
11.7 W

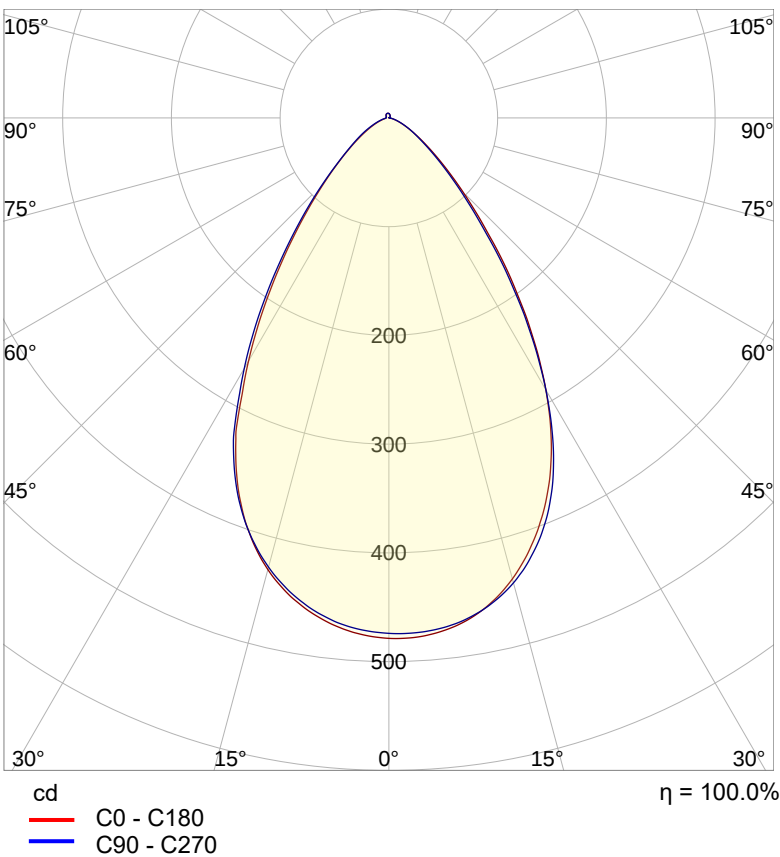
Tested Light Source
Luminaire
Basic Luminous Shape
Item No.
Manufacturer

Blazeline Max-598mm-TW-4000K-65D-Rev1
NONE
Luminoscape

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

596 lm – 2.32% / 97.68%
51 lm/W
493 cd
4000 K
CRI 80.0

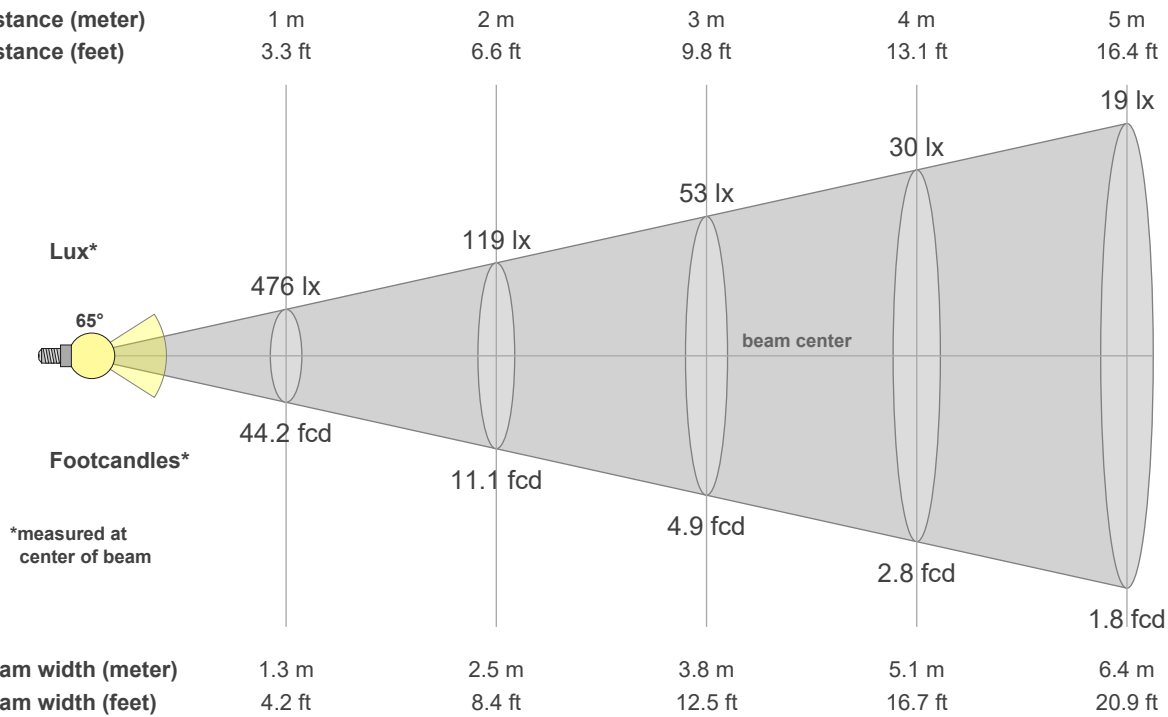
Polar light distribution diagram



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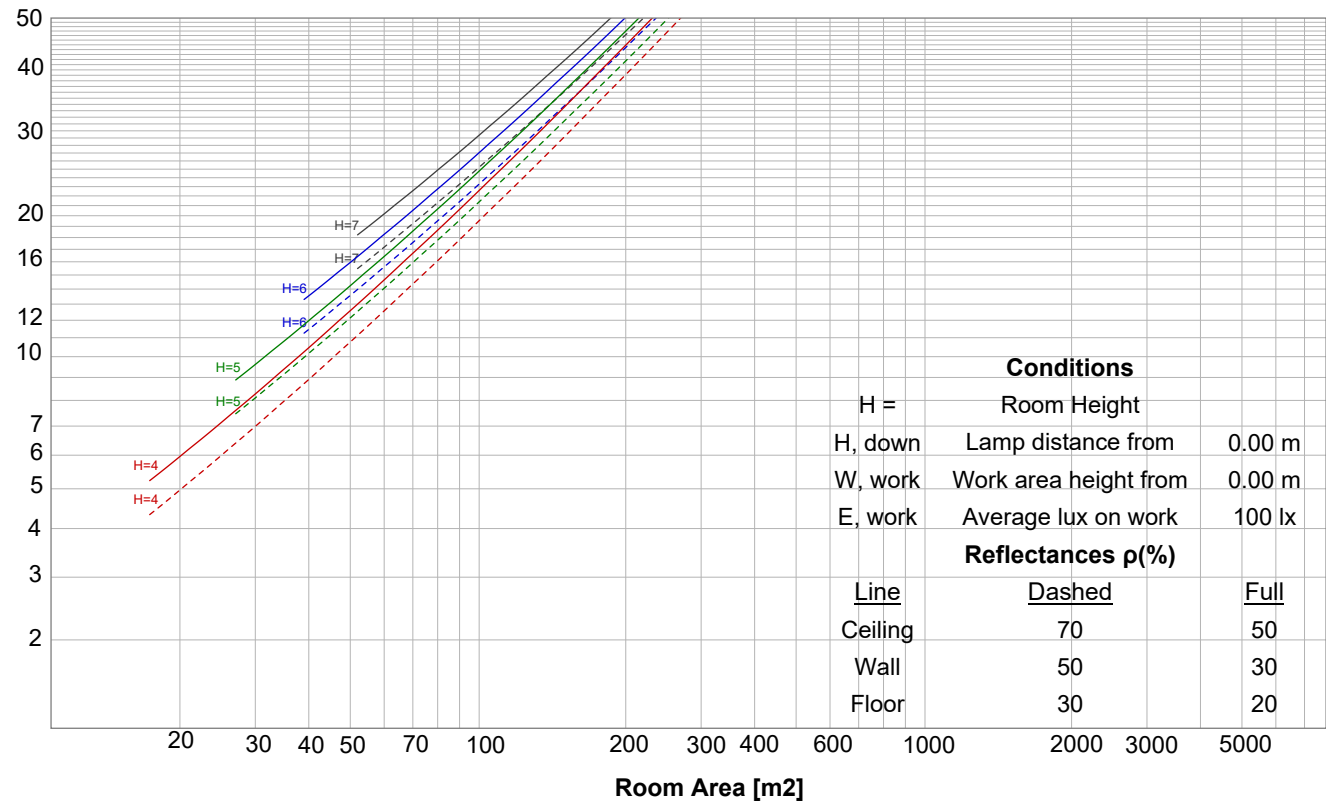
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Beam details



Luminaire budgetary diagram

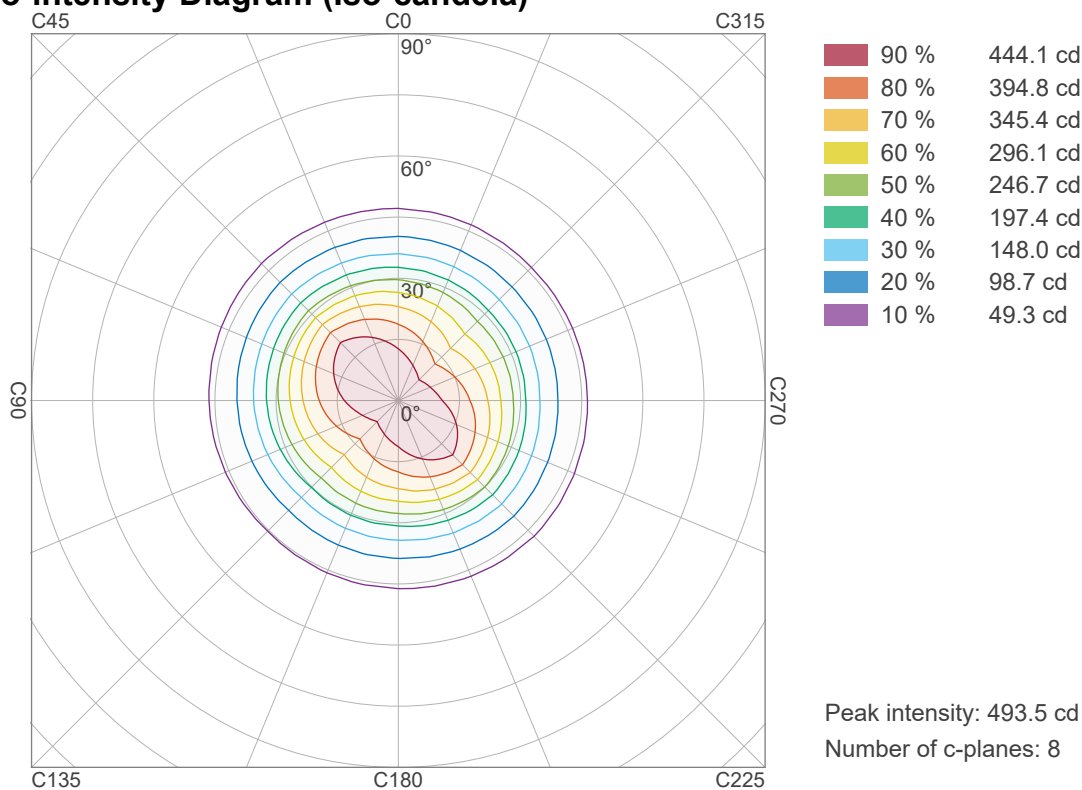
LAMPS (number of lamps)



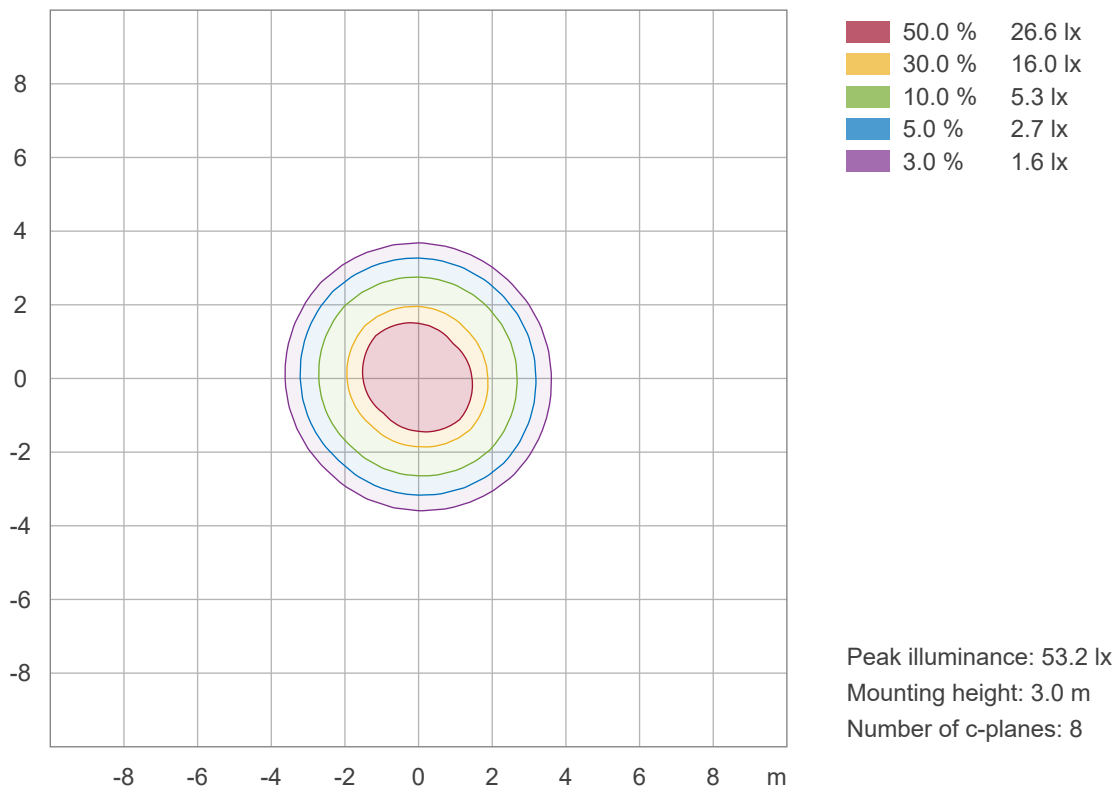
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Iso-intensity Diagram (Iso-candela)



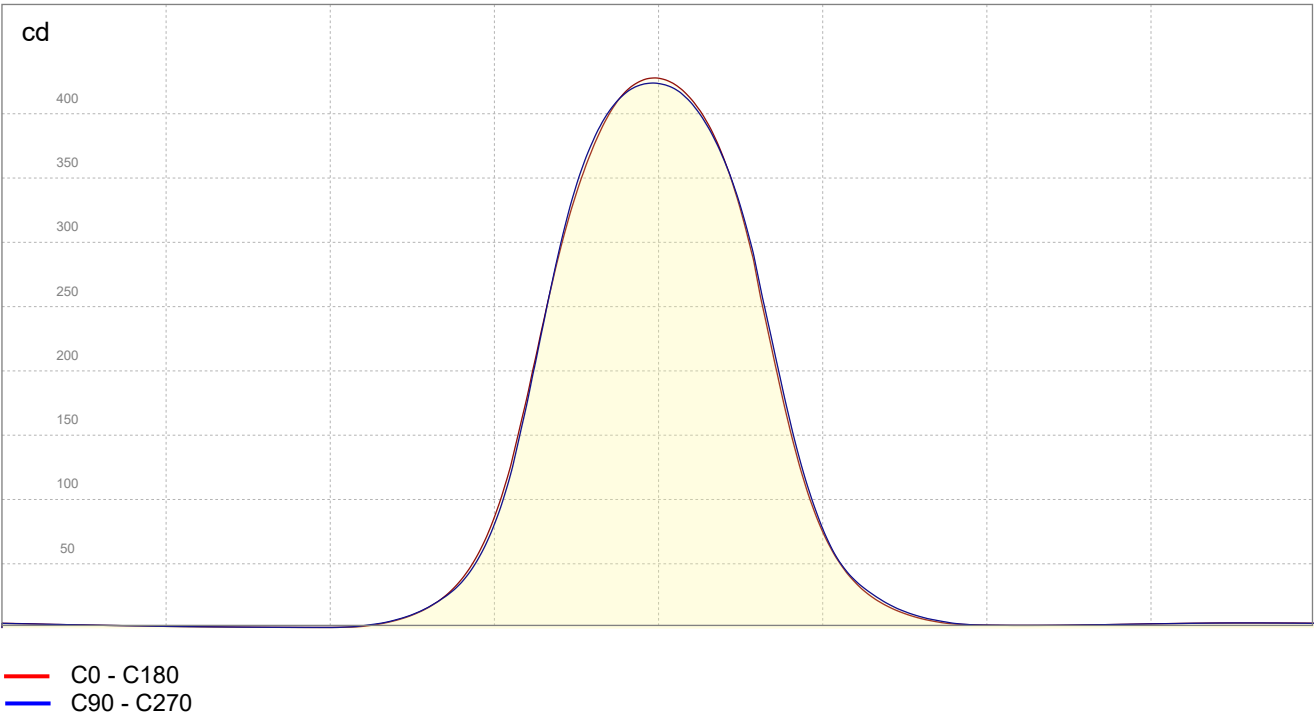
Iso-illuminance Diagram (Iso-lux)



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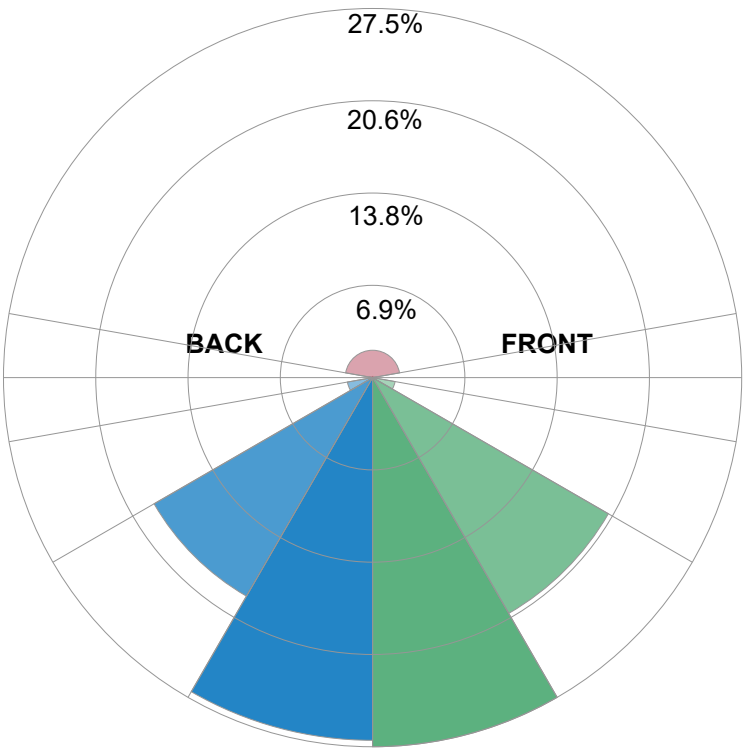
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Linear intensity distribution



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

BUG rating B1 U2 G0



Forward Light

Low (0-30°)	164.1	lm	27.5%
Medium (30-60°)	121	lm	20.3%
High (60-80°)	10.1	lm	1.7%
Very High	0.7	lm	0.1%

Back Light

Low (0-30°)	161.2	lm	27%
Medium (30-60°)	112.1	lm	18.8%
High (60-80°)	11.4	lm	1.9%
Very High	1.6	lm	0.3%

Uplight

Low (90-100°)	1.7	lm	0.3%
High (100-180°)	12.2	lm	2%

Total

Sum	596	lm	100%
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