

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
10/11/2024

Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power

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

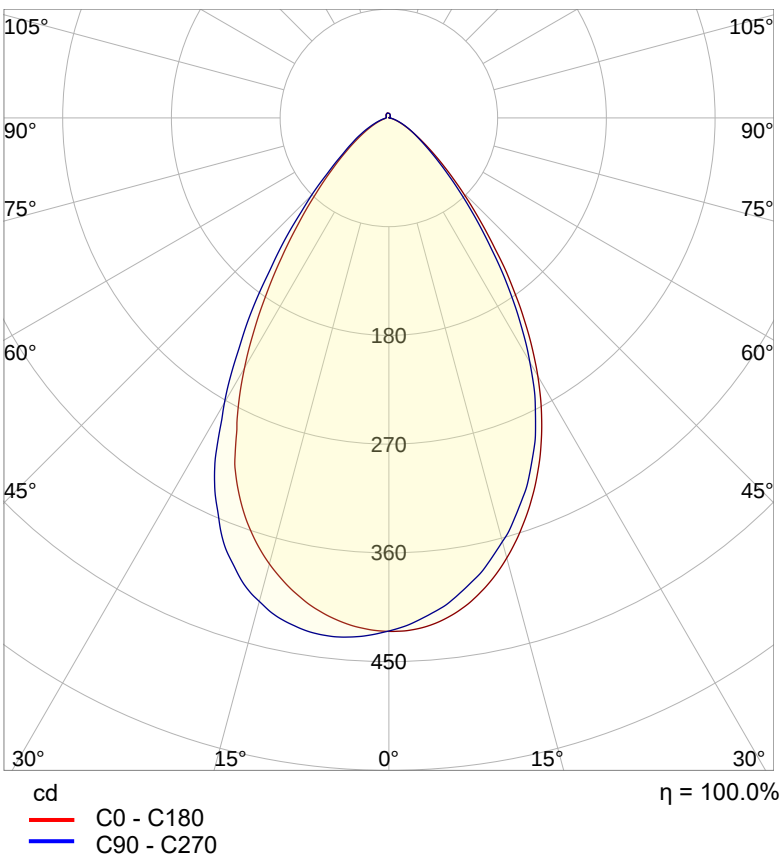
Tested Light Source
Luminaire
Basic Luminous Shape
Item No.
Manufacturer

Blazeline Max-598mm-TW-1800K-65D-Rev2
NONE
Luminoscape

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

537 lm – 2.37% / 97.63%
46 lm/W
448 cd
1800 K
CRI 70.0

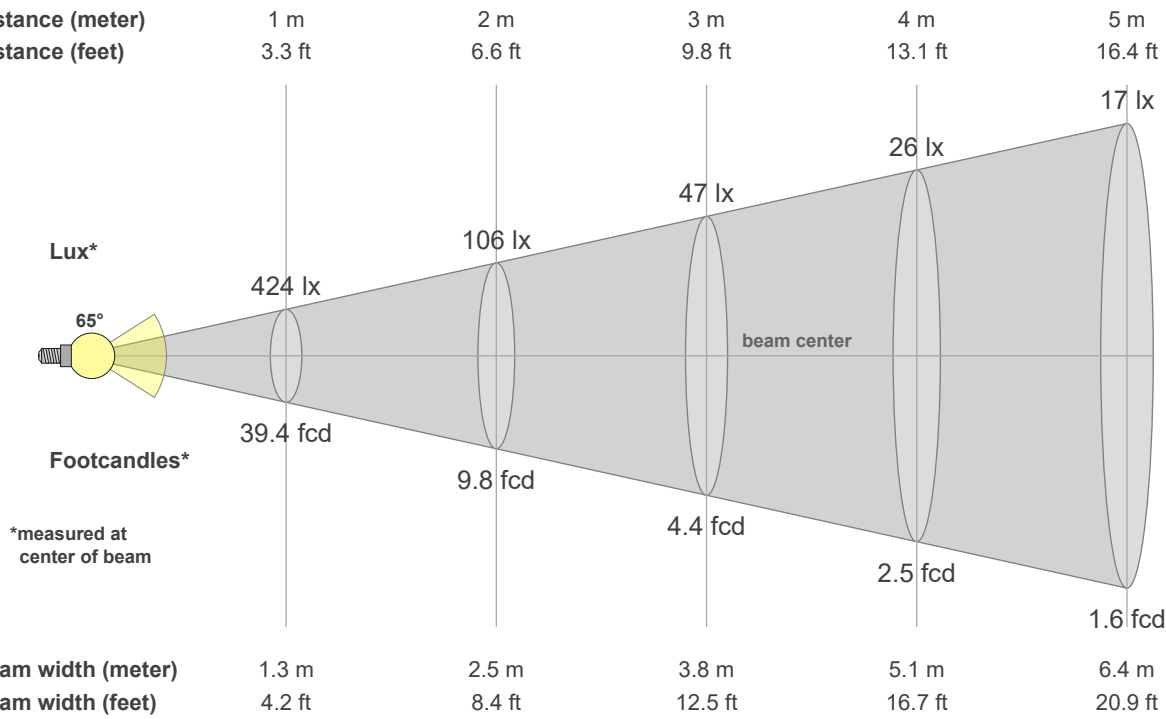
Polar light distribution diagram



Test report

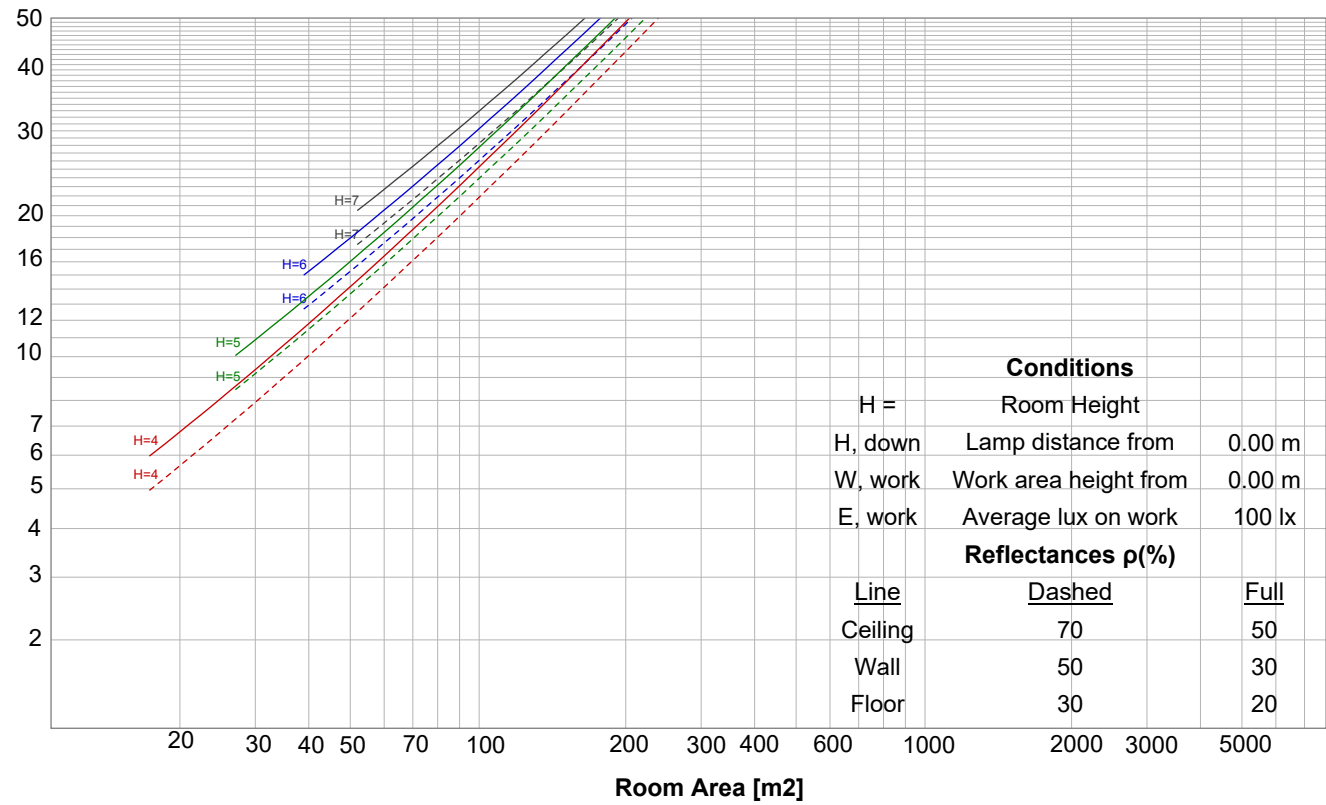
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Beam details



Luminaire budgetary diagram

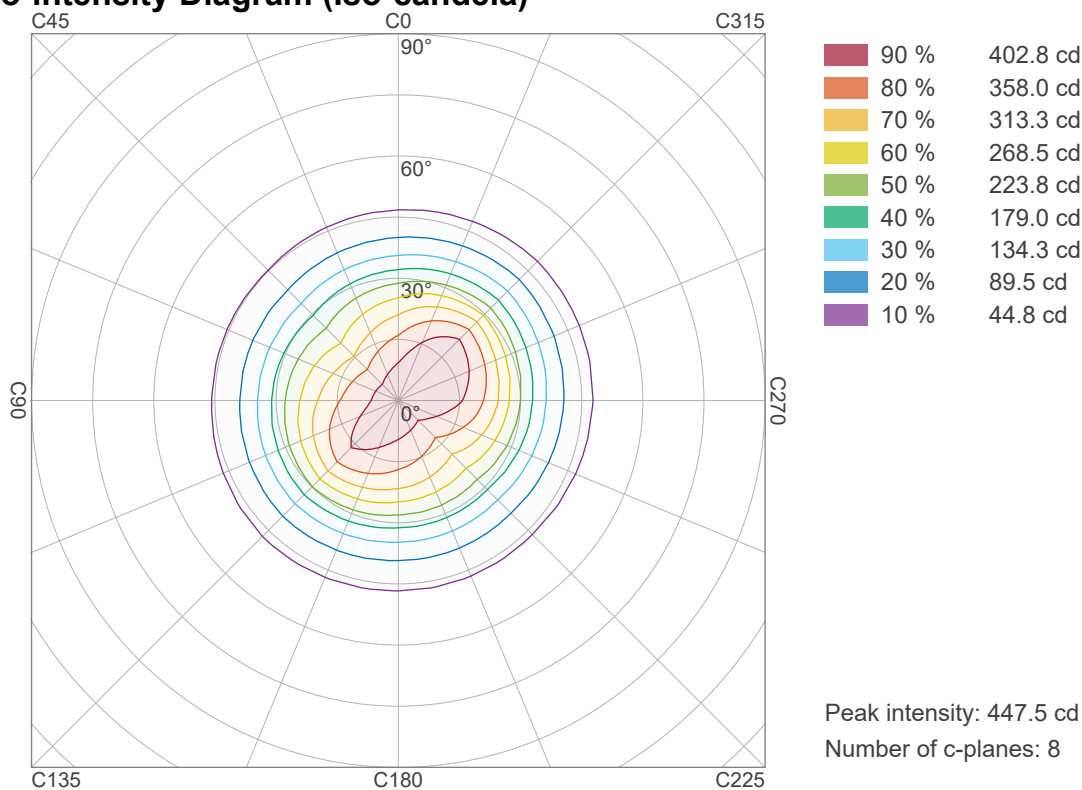
LAMPS (number of lamps)



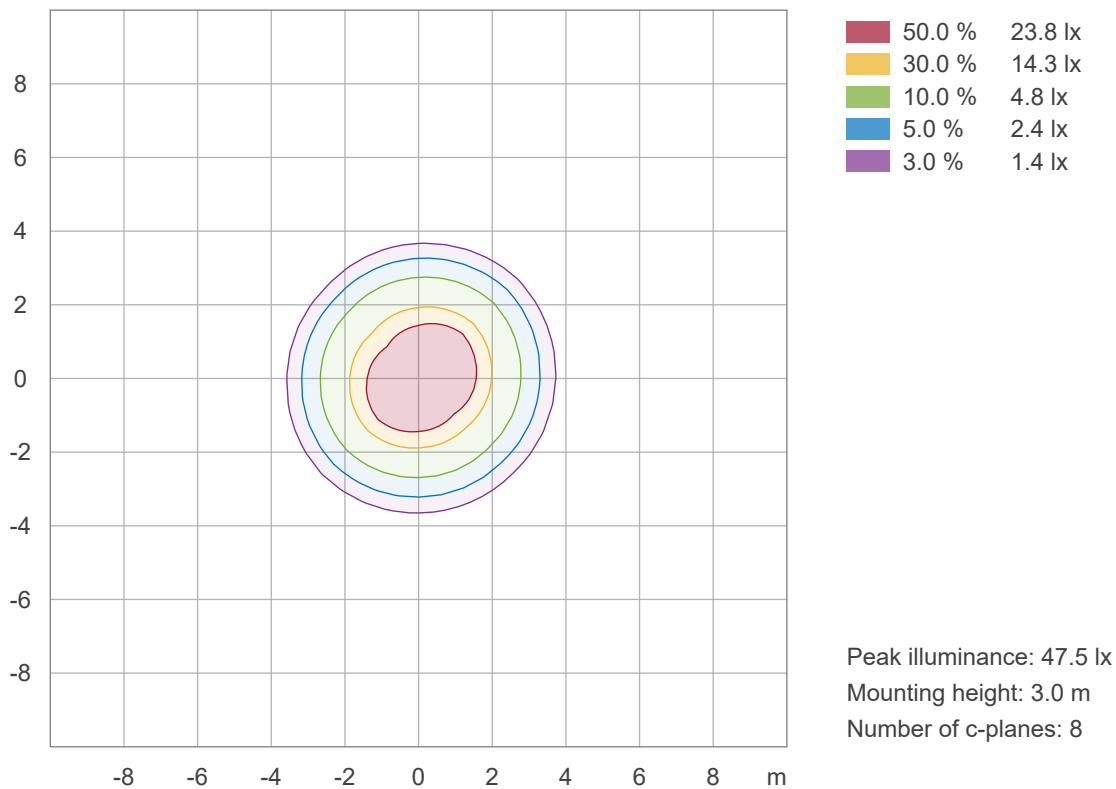
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Iso-intensity Diagram (Iso-candela)



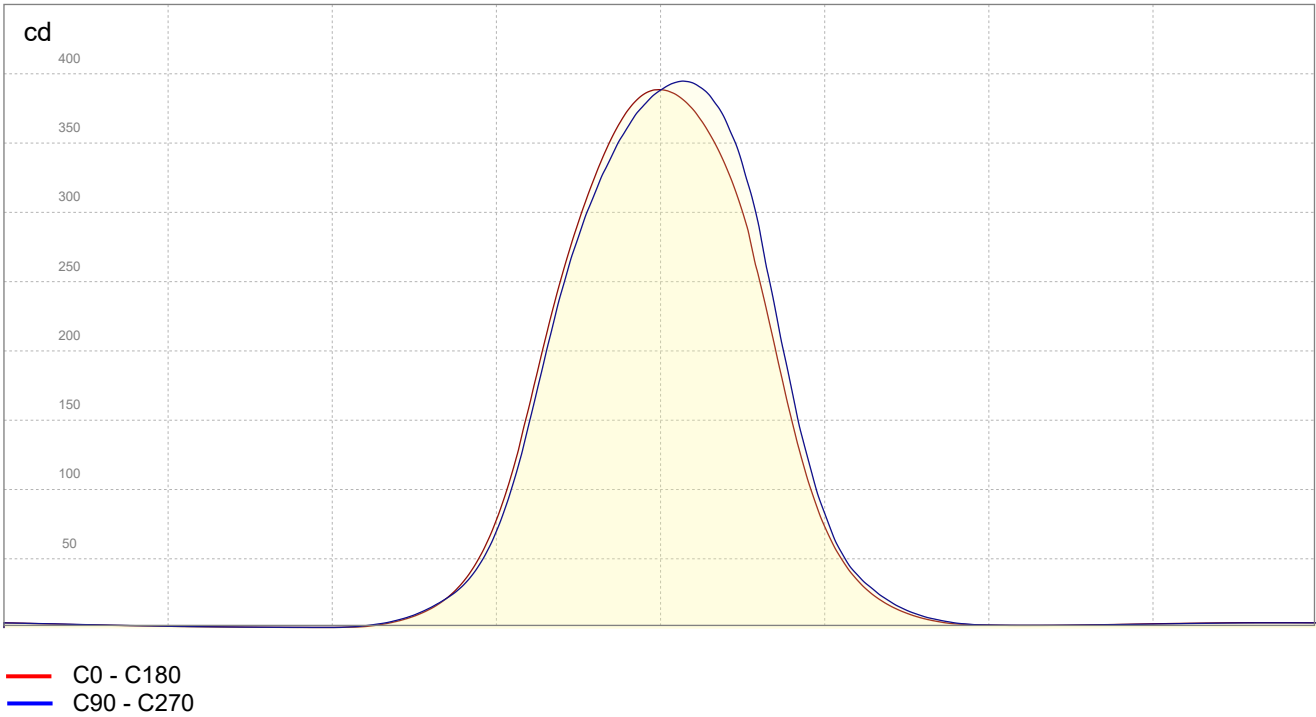
Iso-illuminance Diagram (Iso-lux)



Test report

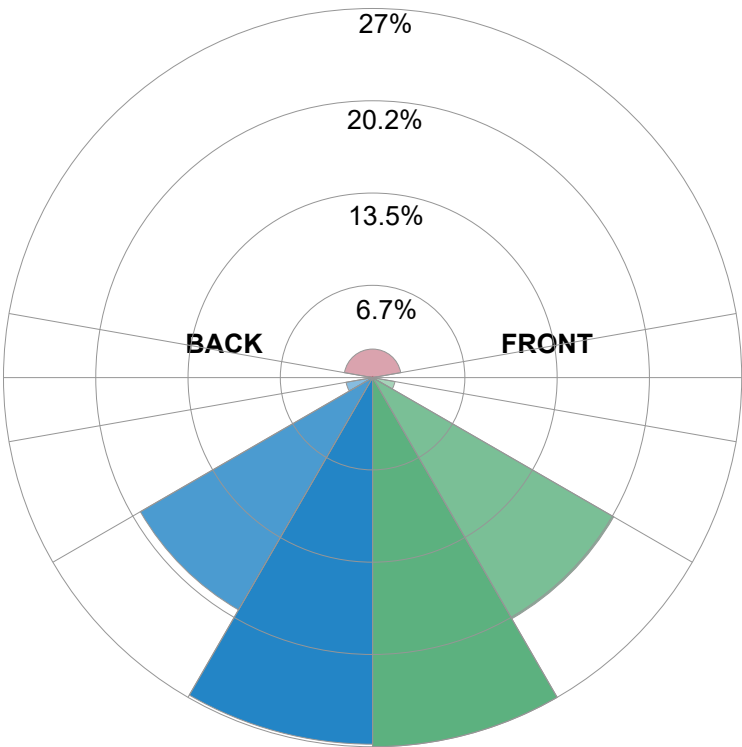
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Linear intensity distribution



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

BUG rating B1 U2 G0



Forward Light

Low (0-30°)	144.7	lm	27%
Medium (30-60°)	109.2	lm	20.3%
High (60-80°)	8.9	lm	1.7%
Very High	0.6	lm	0.1%

Back Light

Low (0-30°)	143.7	lm	26.8%
Medium (30-60°)	105.2	lm	19.6%
High (60-80°)	10.5	lm	2%
Very High	1.4	lm	0.3%

Uplight

Low (90-100°)	1.5	lm	0.3%
High (100-180°)	11.2	lm	2.1%

Total

Sum	537	lm	100%
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