

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
5/5/2025

Measurement Conditions

Tested c-planes
Tested gamma angles
Input Power

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

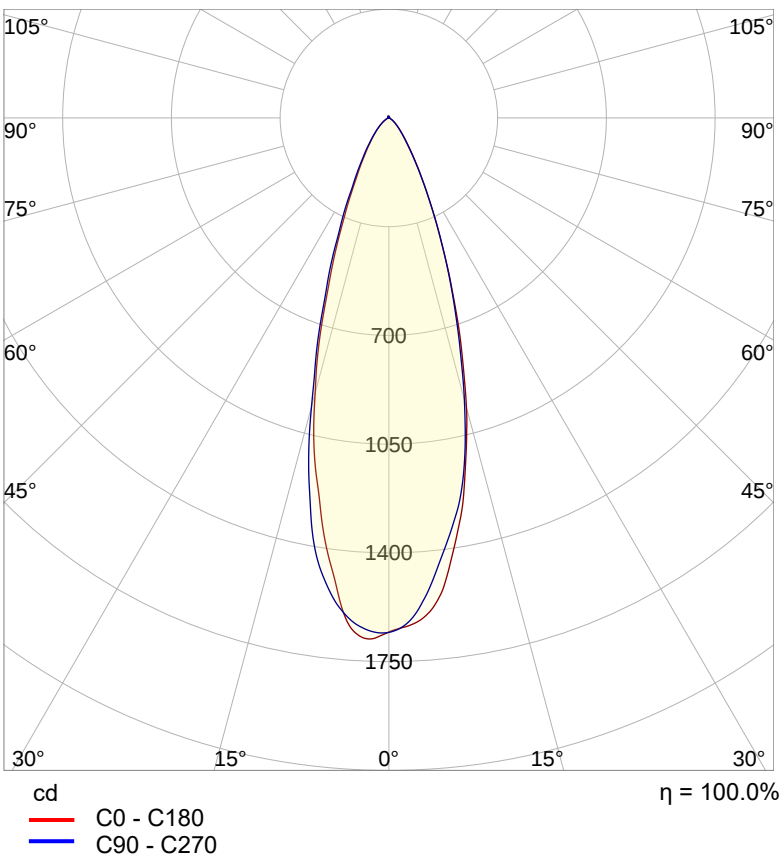
Tested Light Source
Luminaire
Basic Luminous Shape
Item No.
Manufacturer

Blazeline Max-598mm-TW-1800K-30D-Rev2
NONE
luminoscape

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

717 lm – 2.31% / 97.69%
62 lm/W
1678 cd
1800 K
CRI 70.0

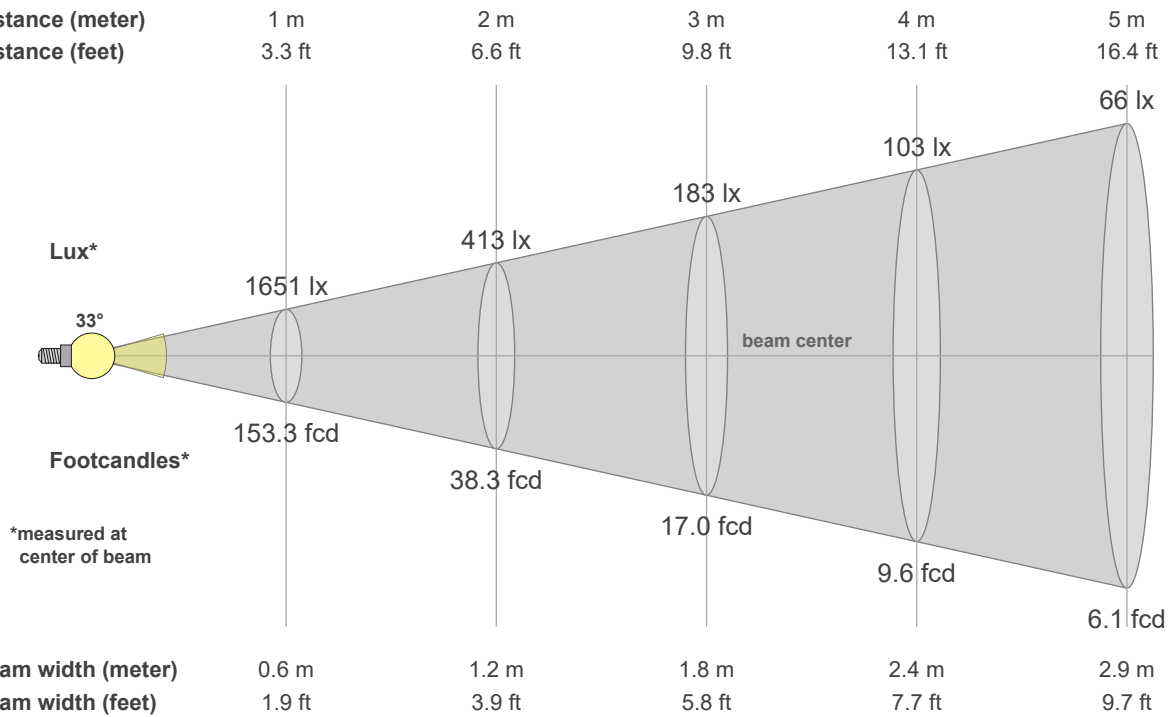
Polar light distribution diagram



Test report

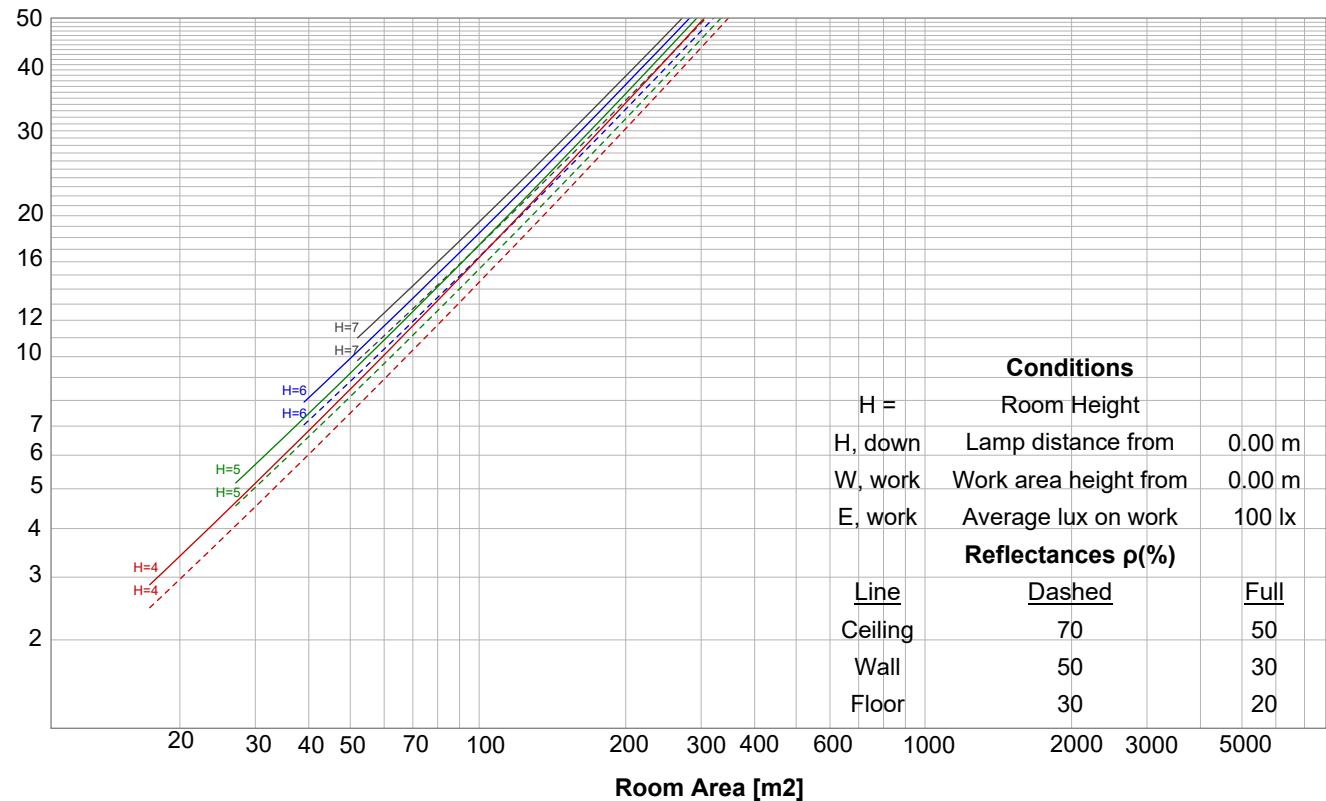
Light measurement results

Beam details



Luminaire budgetary diagram

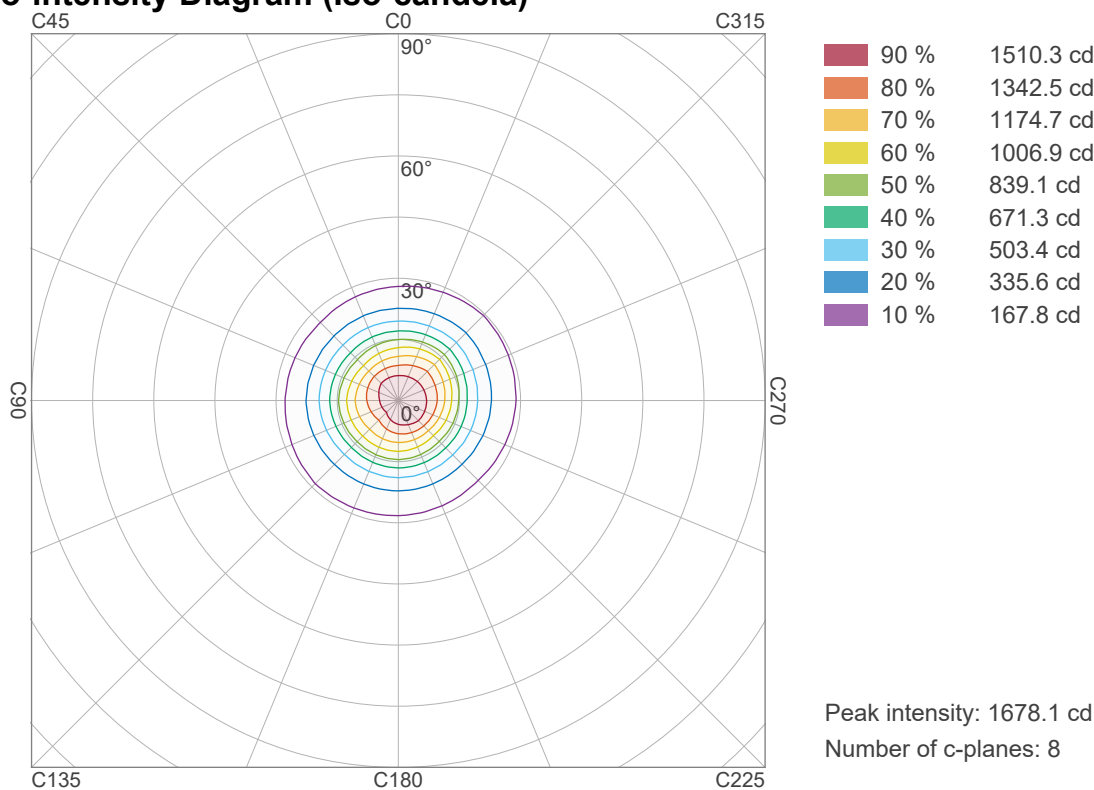
LAMPS (number of lamps)



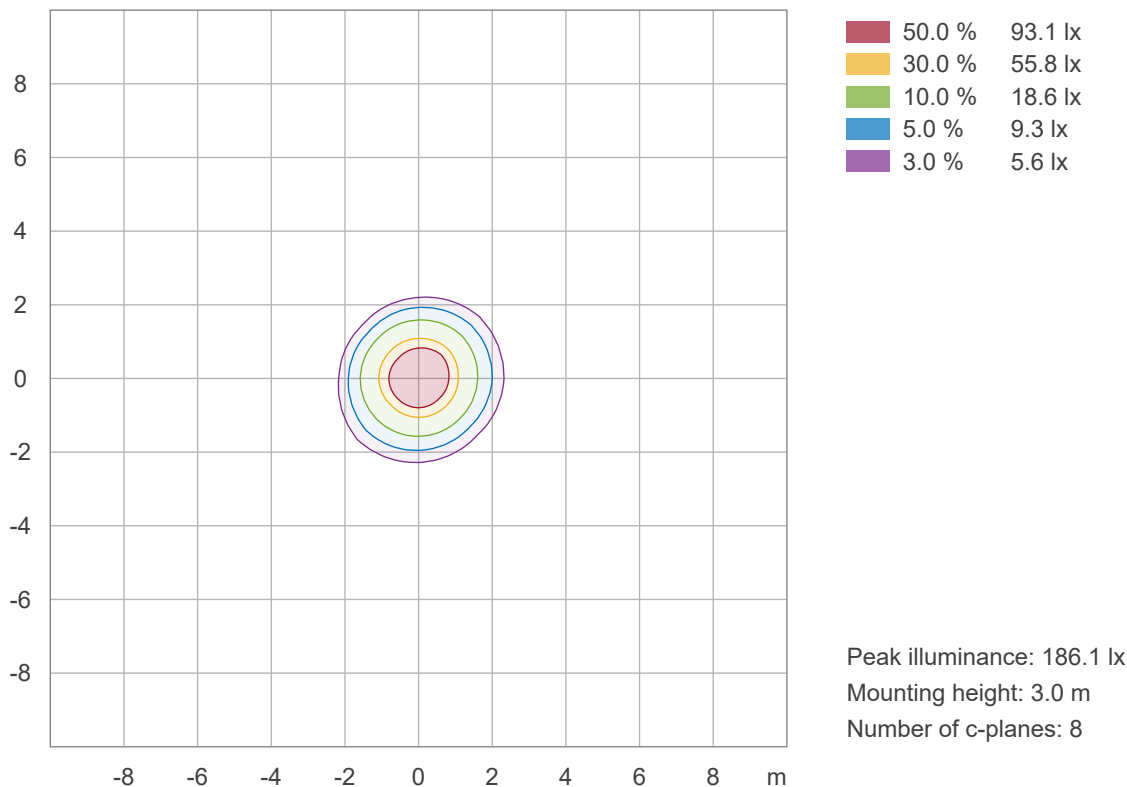
Test report

Light measurement results

Iso-intensity Diagram (Iso-candela)



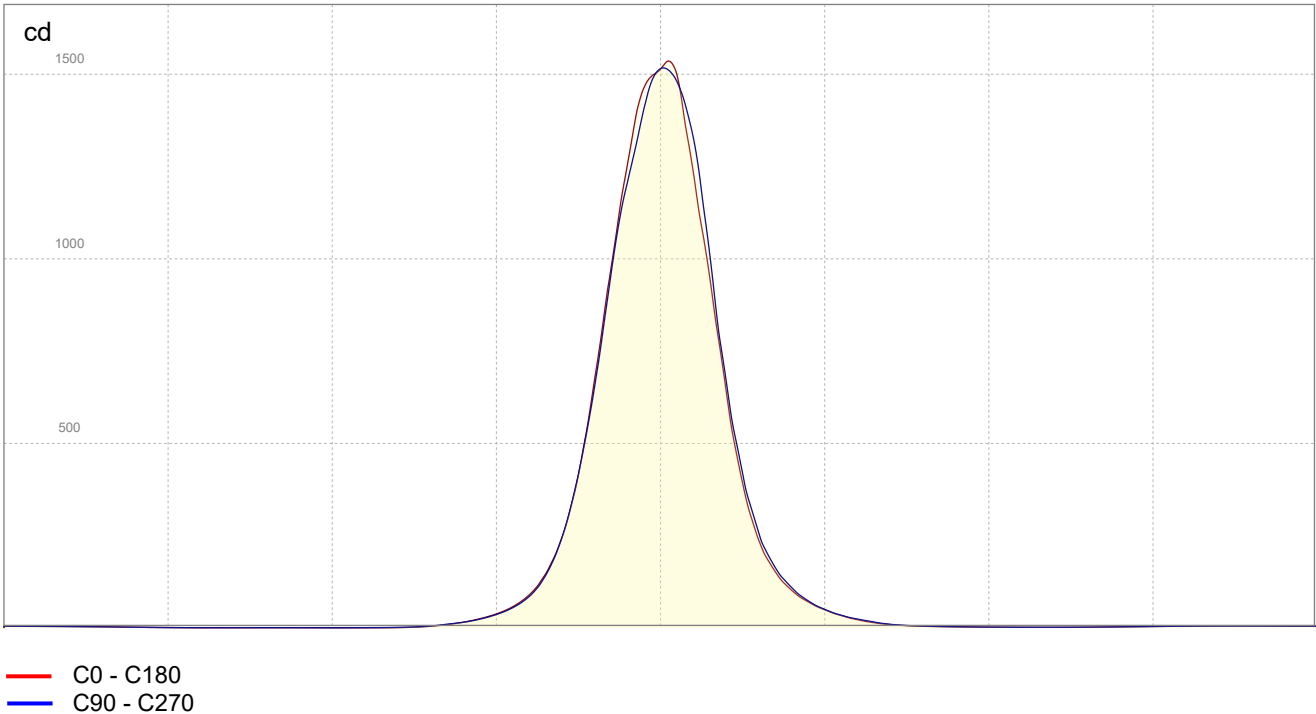
Iso-illuminance Diagram (Iso-lux)



Test report

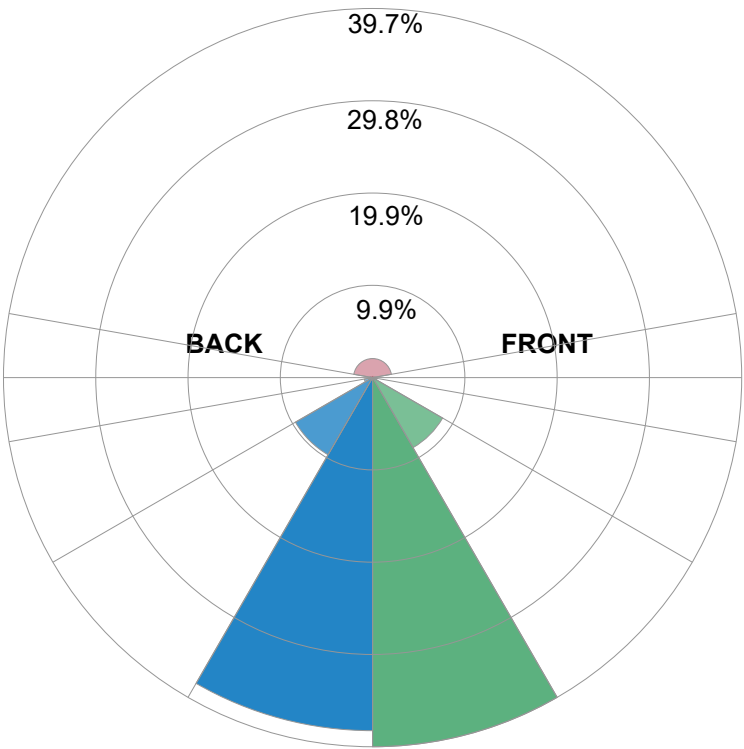
Light measurement results

Linear intensity distribution



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

BUG rating B1 U2 G0



Forward Light

Low (0-30°)	284.8	lm	39.7%
Medium (30-60°)	62.4	lm	8.7%
High (60-80°)	3.4	lm	0.5%
Very High	0.6	lm	0.1%

Back Light

Low (0-30°)	272.4	lm	38%
Medium (30-60°)	68.7	lm	9.6%
High (60-80°)	6.5	lm	0.9%
Very High	1.6	lm	0.2%

Uplight

Low (90-100°)	1.9	lm	0.3%
High (100-180°)	14.7	lm	2.1%

Total

Sum	717	lm	100%
-----	-----	----	------