

IES Photometric Report 2inspire 100

Chroma-Q_2inspire_100_Extra_Wide_5600K.IES



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Fixture Information

Manufacturer	Chroma-Q	Max Candela	510.1 cd
Luminaire	LED Projector Luminaire at 5600K setting	Est. Total Lumens	582 lm
Lamp	LEDs	Beam Angle (50%)	44.4°
Format	IESNA:LM-63-2002	Field Angle (10%)	139.0°
Wattage	19.5 W	Phot. Type	Type C (Vertical)
Lumens/Lamp	Absolute	Units	Feet
Num Lamps	1	W x L x H	-0.208 x -0.208 x 0.000
Ballast Factor	1.000		

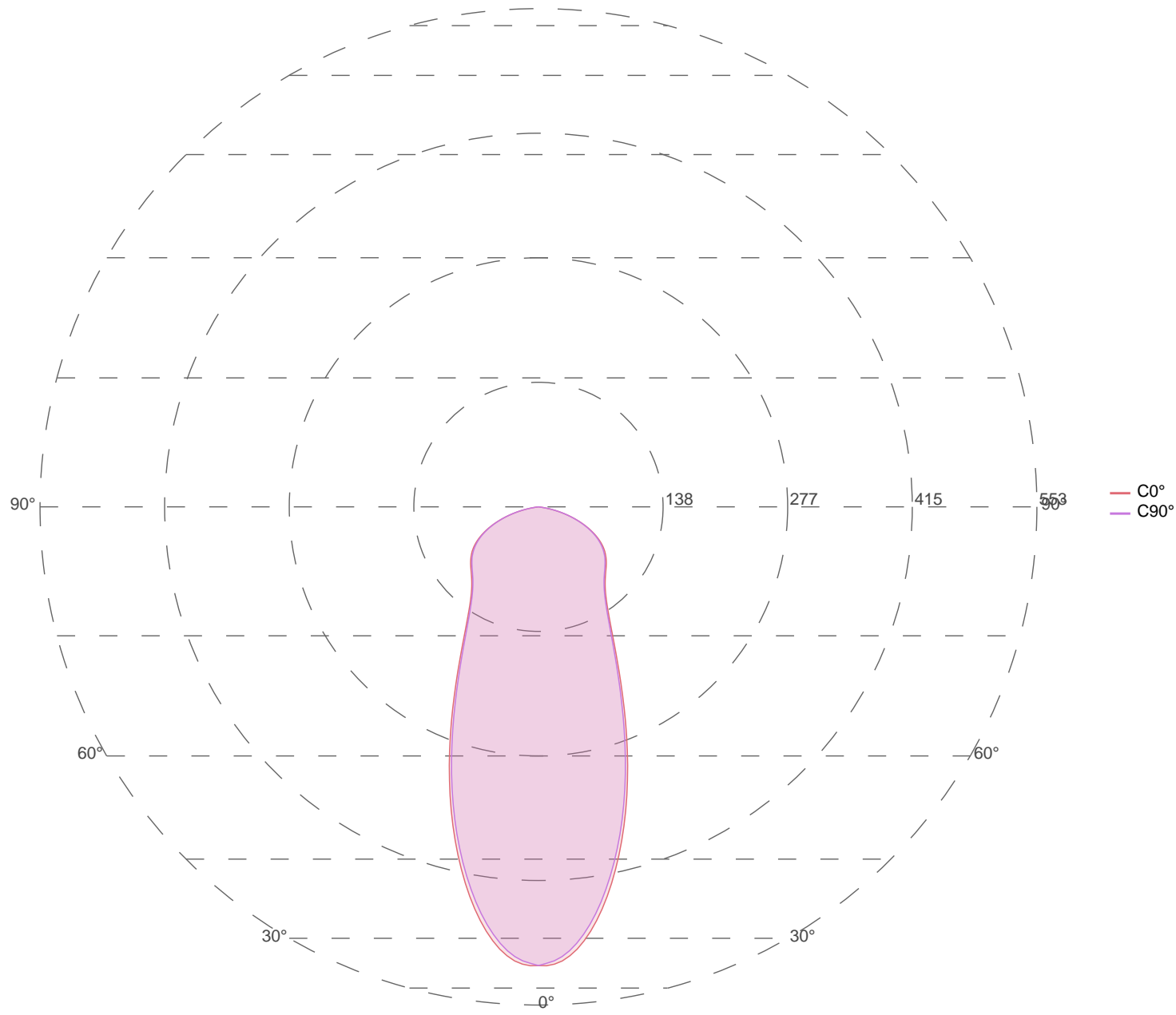
Photometric Data

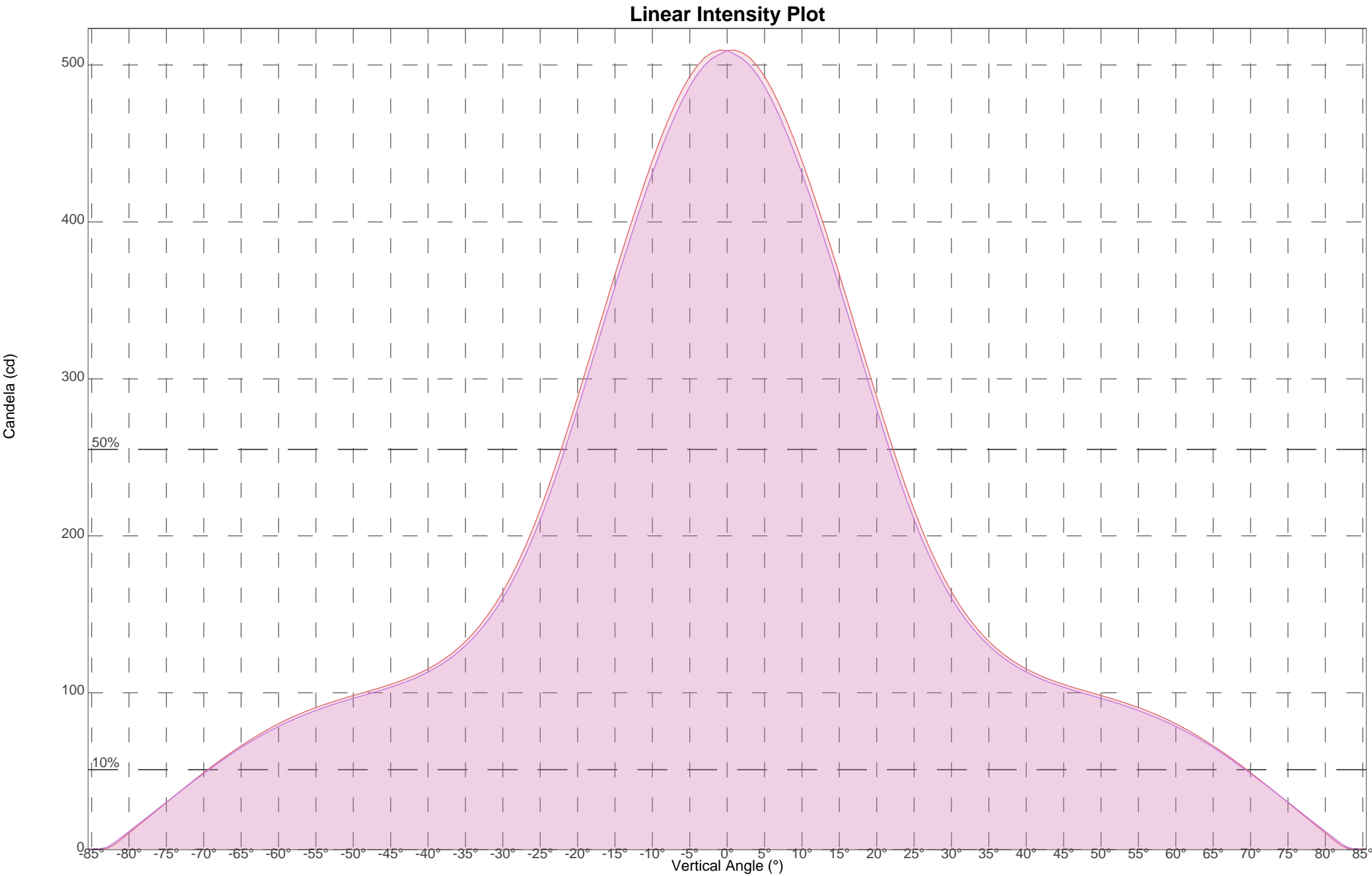
V Angles	91 (0° – 90°)
H Angles	145 (0° – 360°)

IES Keywords

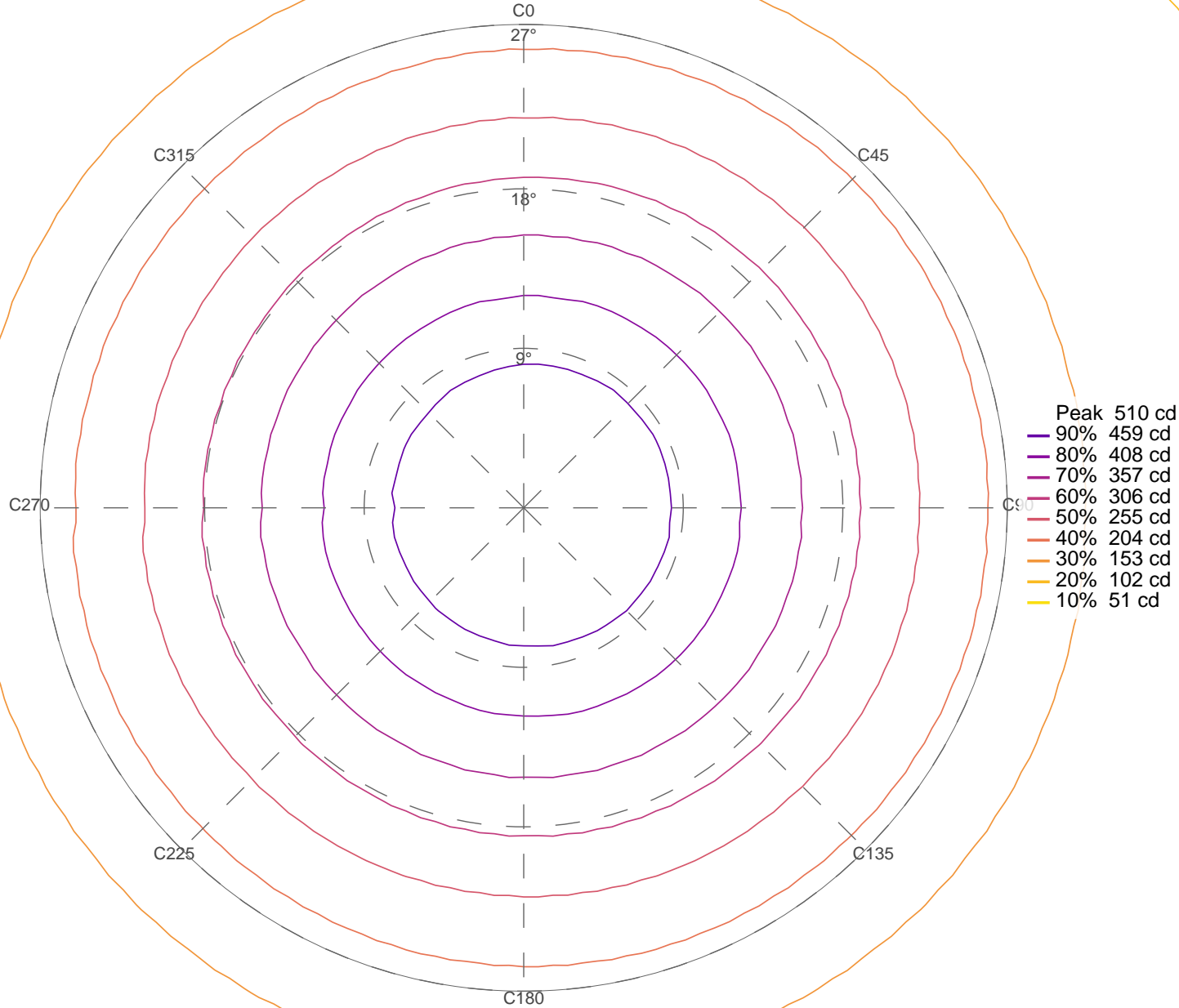
[TEST]	EV-2002
[TESTLAB]	Spectrum mfg
[ISSUE DATE]	2024-01-24
[MANUFAC]	Chroma-Q
[LUMCAT]	2inspire-POE-100 Extra Wide (5600K)
[LUMINAIRE]	LED Projector Luminaire at 5600K setting
[LAMP]	LEDs
[BALLAST]	DC
[BALLASTCAT]	
[_VOLTAGE]	53.89
[_CURRENT]	0.363
[_WATTAGE]	19.5
[_PF]	1.0
[_THD]	0.0
[_LUMENS]	582.5
[_EFFICACY]	49.4
[_STABILIZATION TIME]	70

Polar Intensity Diagram (view max 553 cd)





Iso-Candela Plot

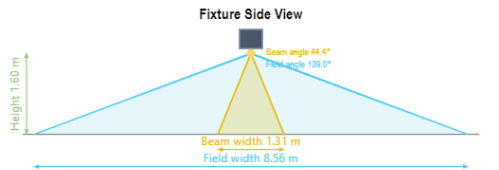


Settings

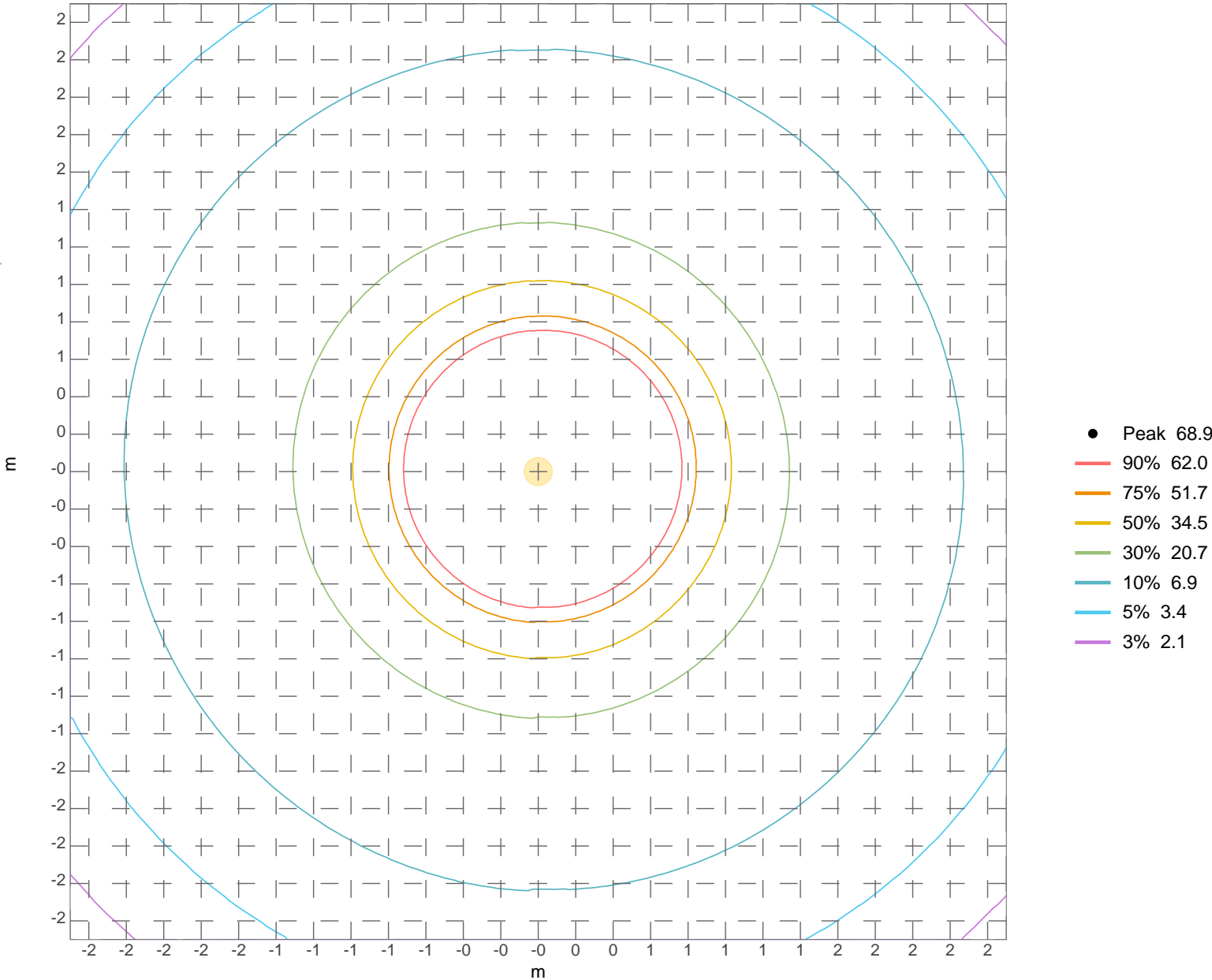
Distance unit	Meters (m)
Light unit	Lux (lx)
Spread mode	Fixture count
C-Plane	All C-Planes
Output Height	1.6 m
Floor X	5.0 m
Floor Y	5.0 m
Fixture grid	1 x 1 (1)
Wall dist X	0.30 m
Wall dist Y	0.30 m

Results

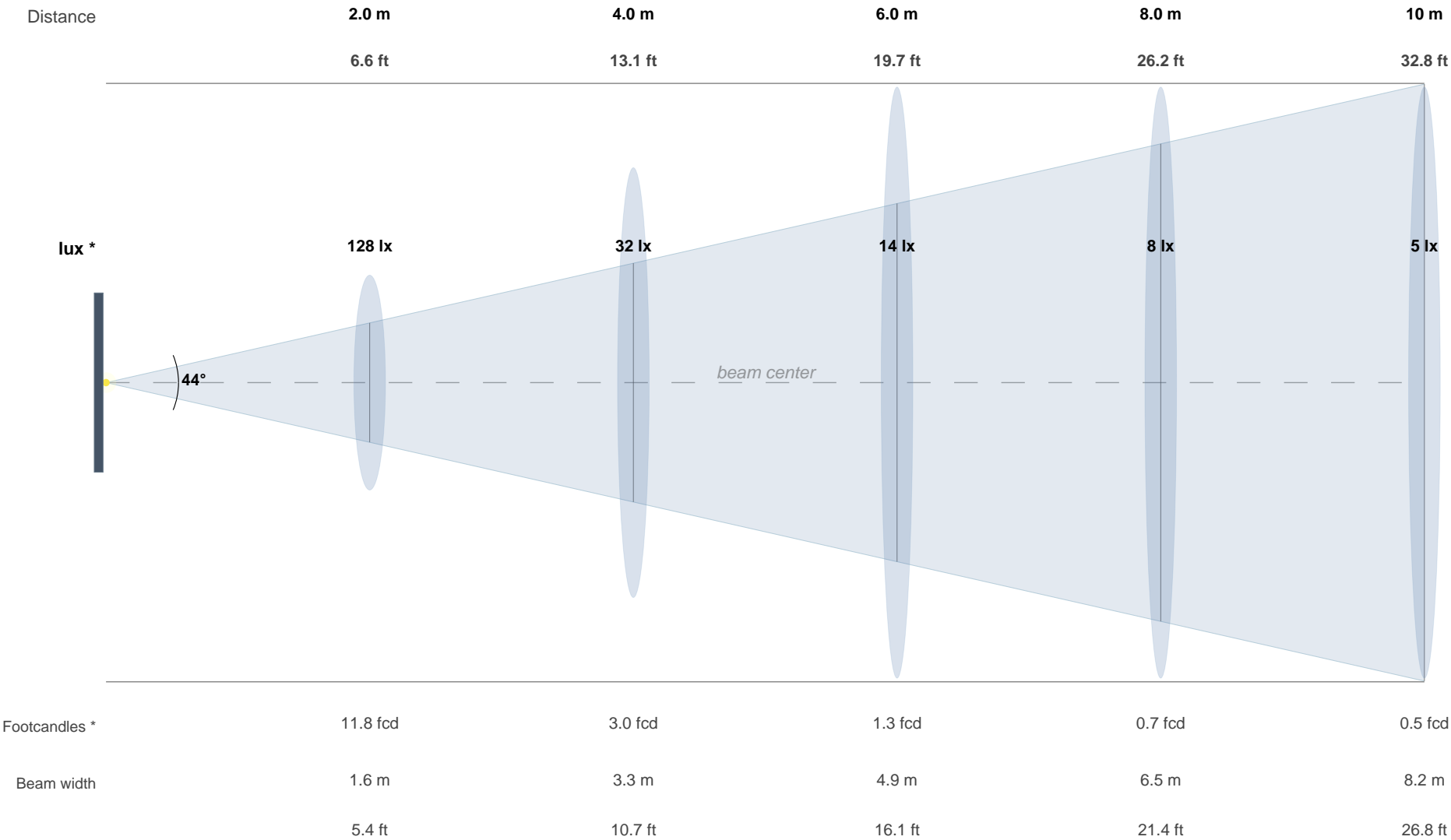
Peak	68.9 lx
Average	13.7 lx
Min	1.7 lx
Result grid	6 x 6 @ 1.0 m



Iso-Illuminance



Beam Intensity



* at beam centre