

Report Summary

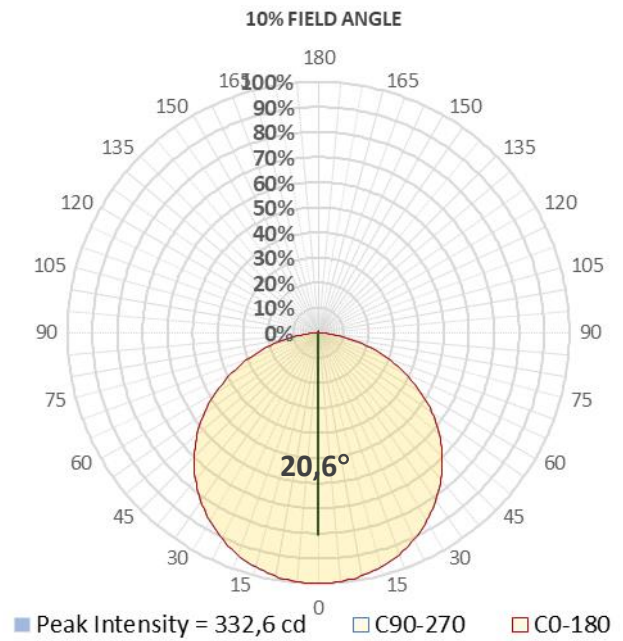
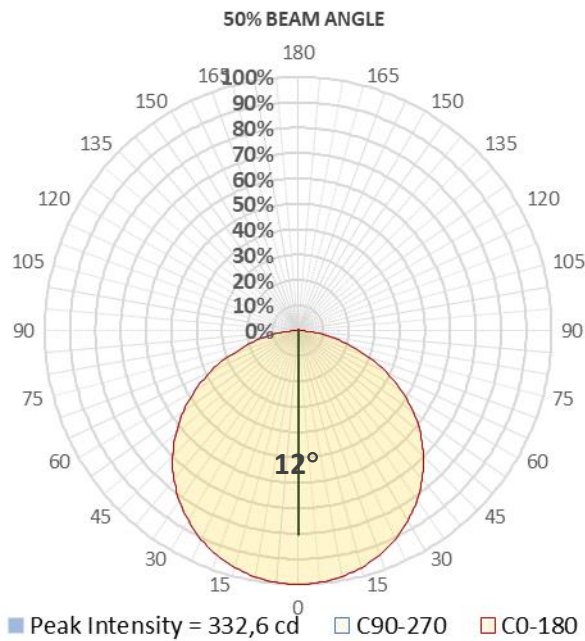


Measurements

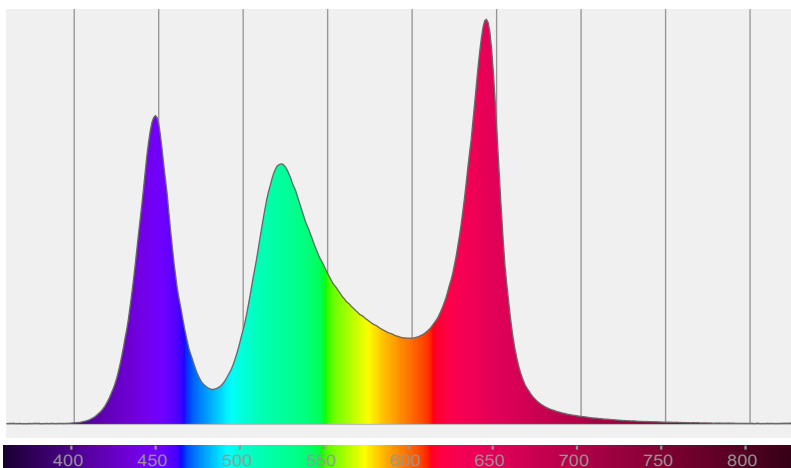
Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 22011 lm / 424679 cd	Beam Angle (50%): 12°	AC Supply: 225 V / 50 Hz
Fixture Efficiency: 41 lm/W	Field Angle (10%): 20,6°	Power: 541,7 W
Intensity @ 5m: 16590 lx	Cutoff Angle (2,5%): 28,9°	Current: 2,46 A
Color Temperature: 5920 K		Power Factor: 0,98
CRI: 73,5		
CRI R9 Value: -28,3		
CQS: 84,7		
TLCI: 58		
TM-30 Rf: 80,1		
TM-30 Rg: 115,3		

Peak, 5600K, normal CRI, high res.

Details



Spectral Distribution



CIE 1931

x: 0,323 y: 0,344

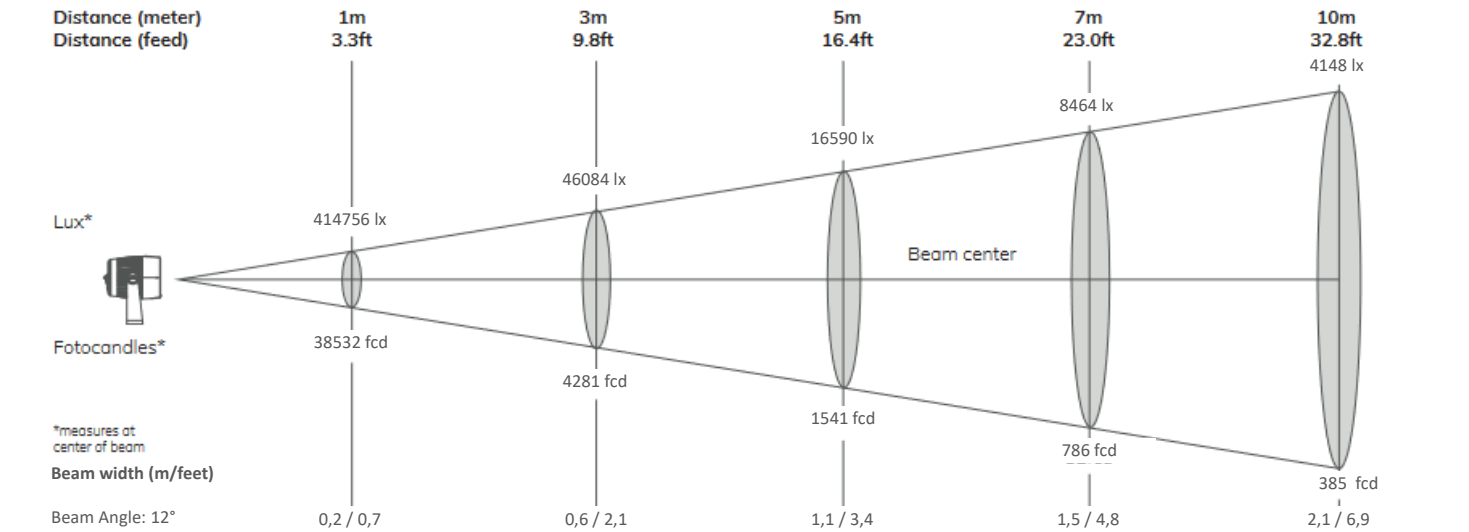
Light Quality

CRI: 73,5

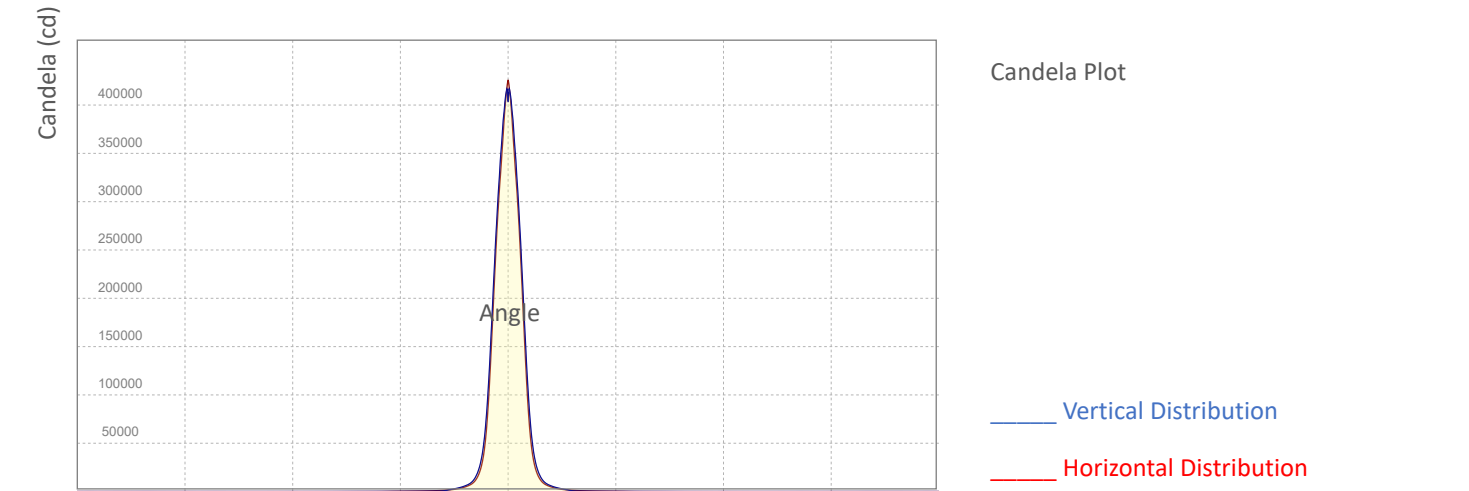
Color Temperature

5920 K

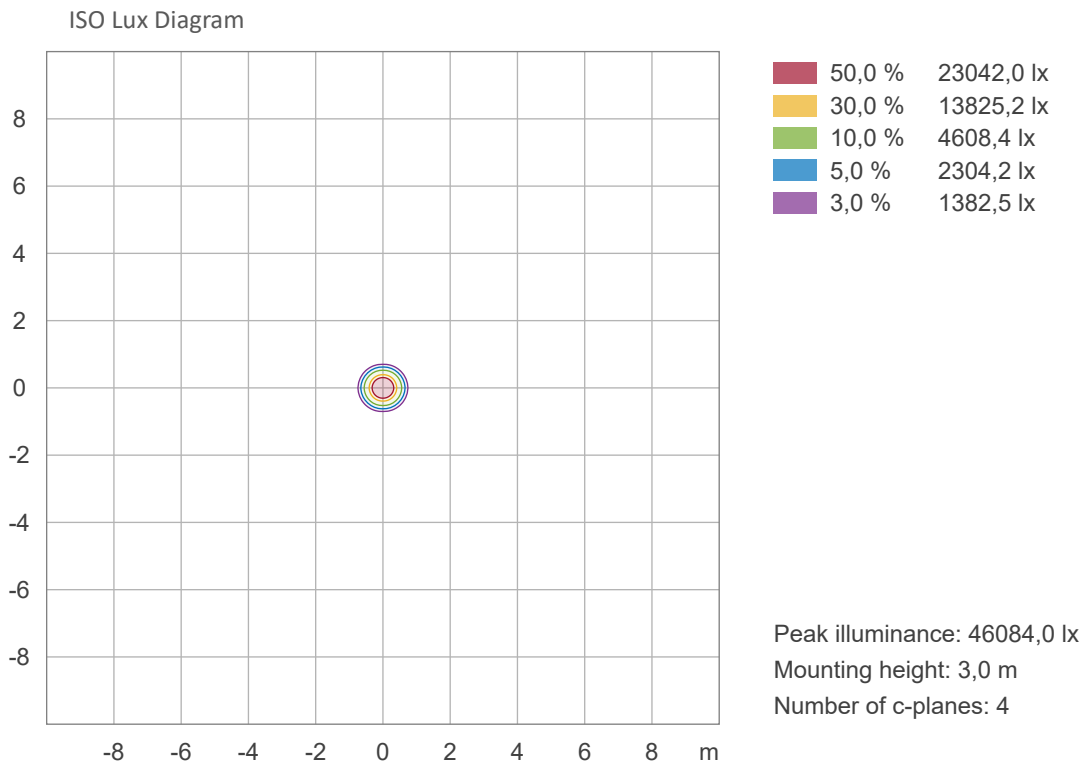
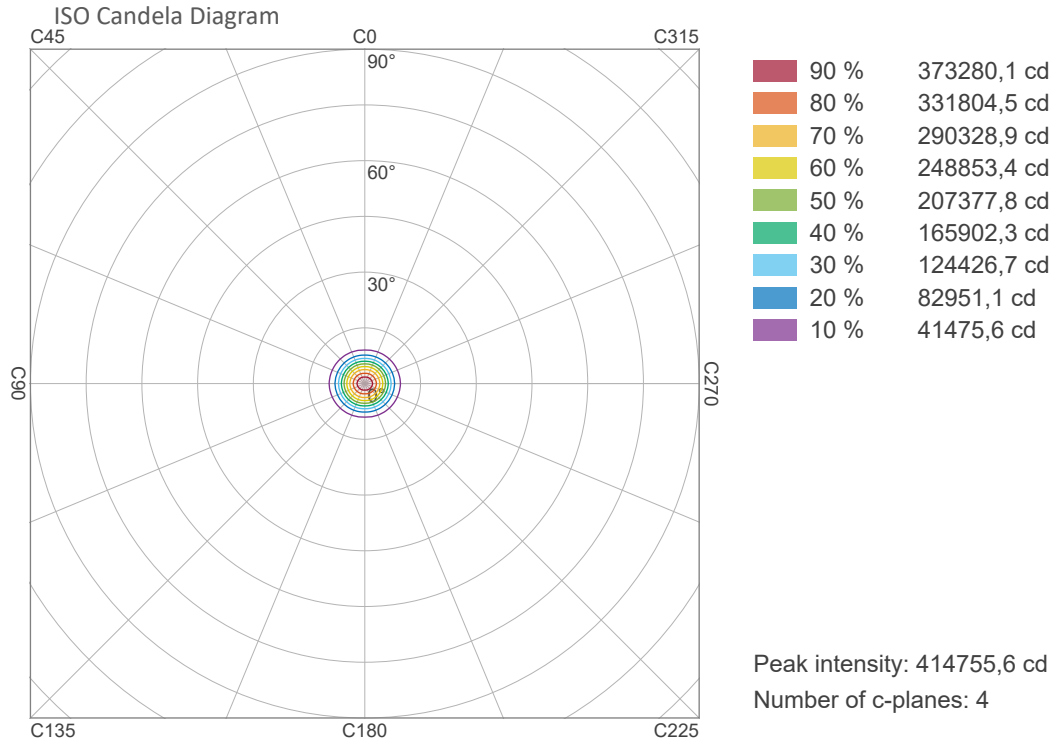
Peak, 5600K, normal CRI, high res.



Angle	Distance									
	1m / 3.3ft		3m / 9.8ft		5m / 16.4ft		7m / 23ft		10m / 32.8ft	
	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet
Beam Angle: 12°	414756/ 38532	0,2/0,7	46084/ 4281	0,6/2,1	16590/ 1541	1,1/3,4	8464/ 786	1,5/4,8	4148/ 385	2,1/6,9

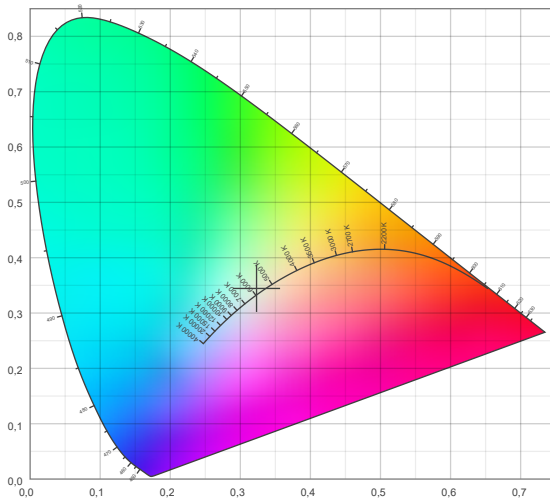


ISO Diagrams

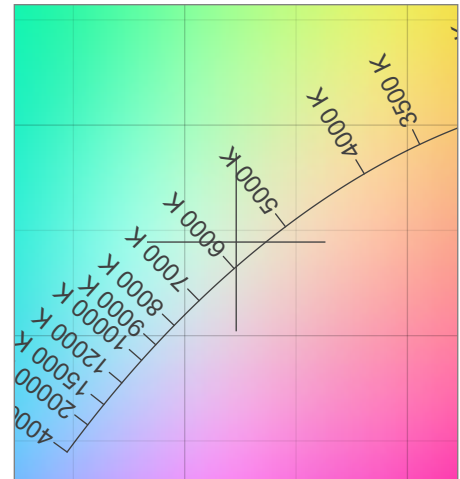


Chromaticity

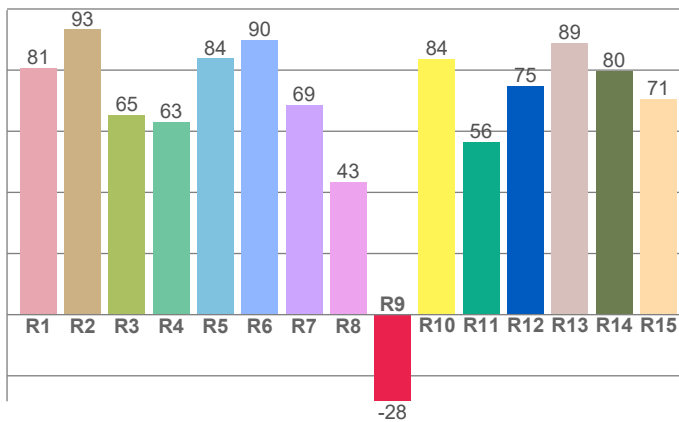
CIE 1931



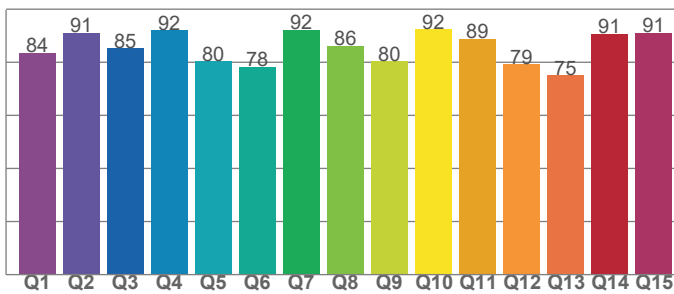
CIE 1931 - Zoom



CRI: 73,5 (R1-R8)



CQS: 84,7



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5920K	0,323	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0027	0,199	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
73,5	-28,3	84,7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 – Rg
58	80,1	115,3

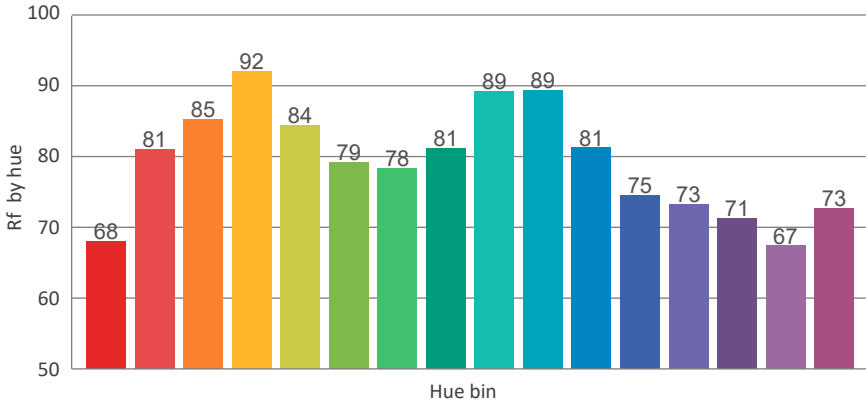
TM30 Details

Rf 80,1

Fidelity Index Rf

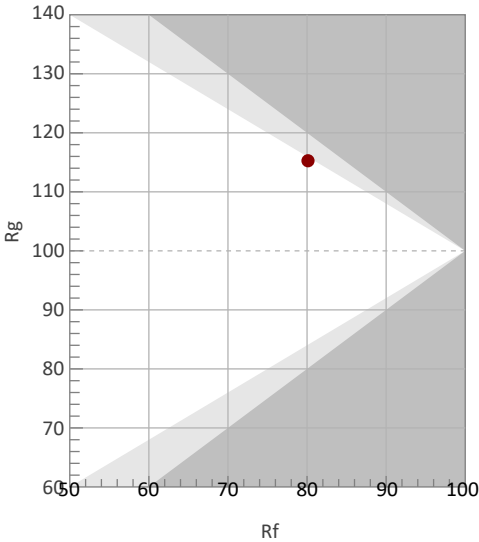
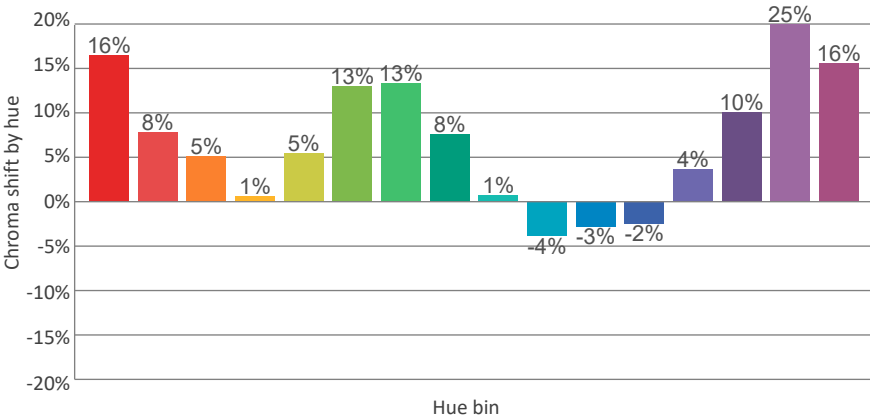
Rg 115,3

Gamut Index Rg

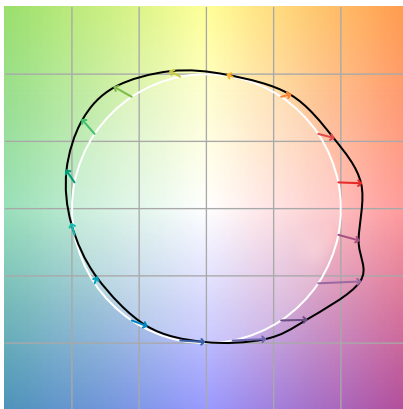


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

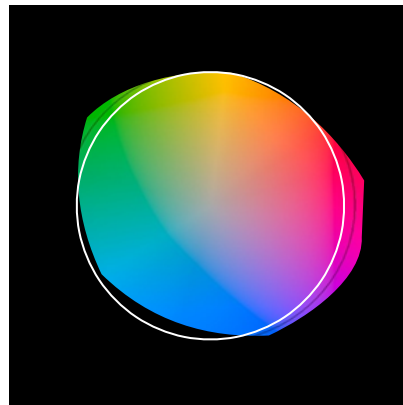
TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

