

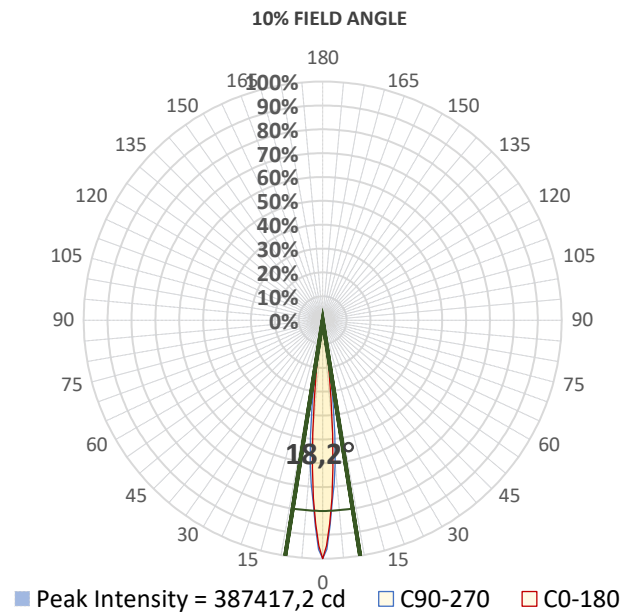
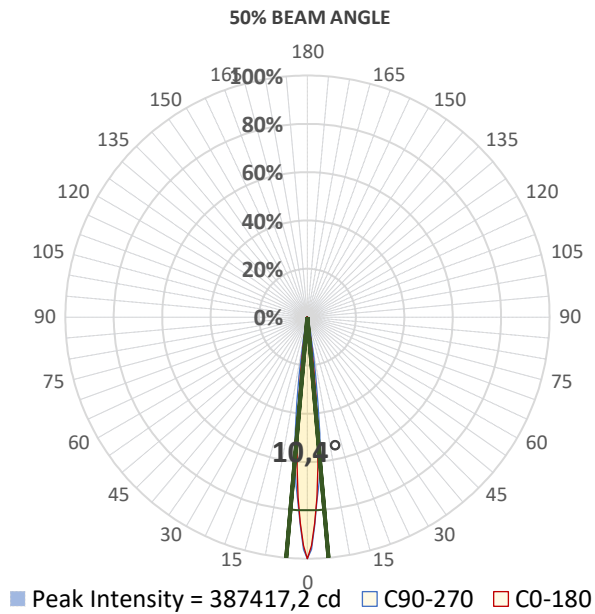
Report Summary



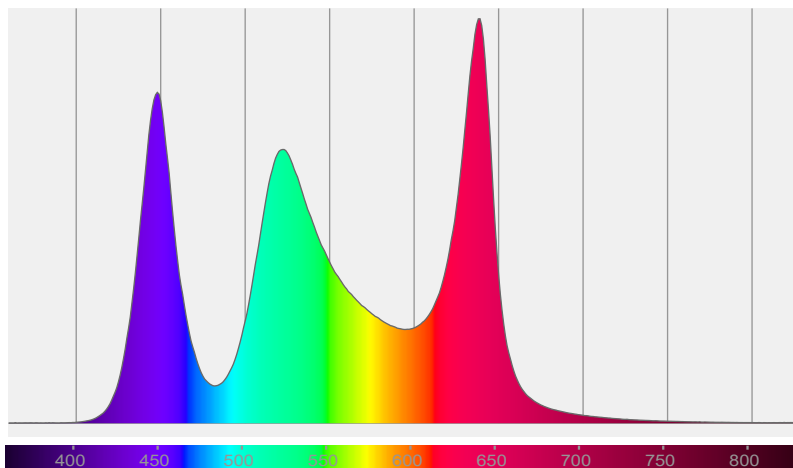
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 16320 lm / 392274 cd	Beam Angle (50%): 10,4°	AC Supply: 224 V / 50 Hz
Fixture Efficiency: 44 lm/W	Field Angle (10%): 18,2°	Power: 369,8 W
Intensity @ 5m: 15497 lx	Cutoff Angle (2,5%): 26,5°	Current: 1,72 A
Color Temperature: 5809 K		Power Factor: 0,96
CRI: 75,2		
CRI R9 Value: -14,2		
CQS: 85,5		
TLCI: 63		
TM-30 Rf: 81,7		
TM-30 Rg: 115,1		

Details



Spectral Distribution



CIE 1931

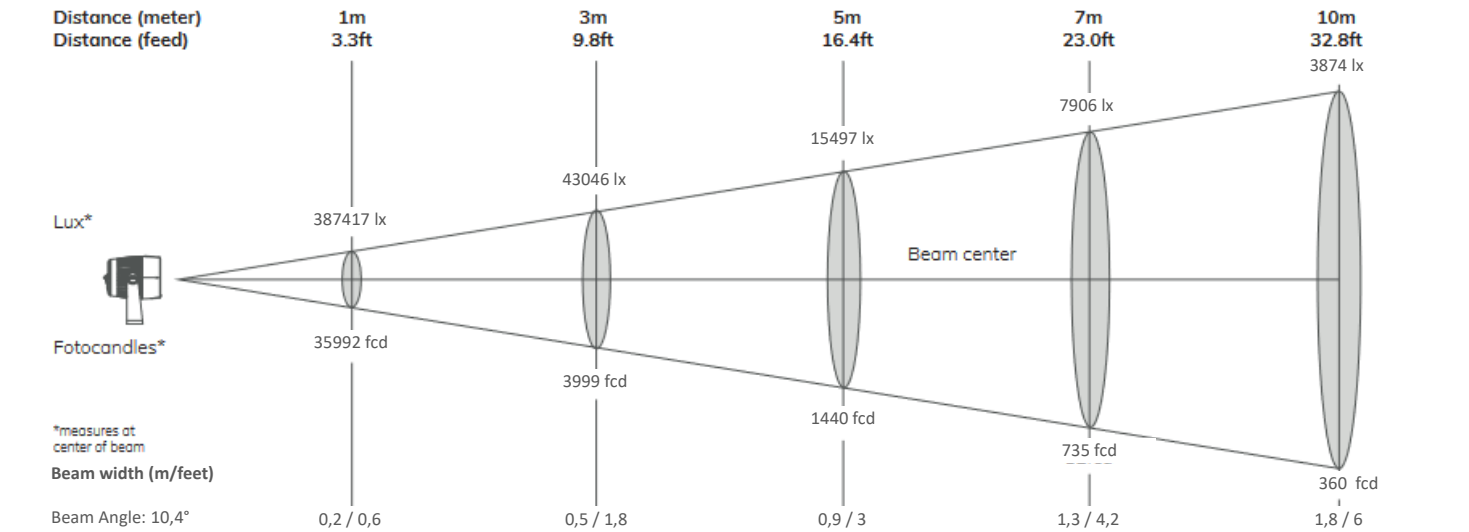
x: 0,326 y: 0,344

Light Quality

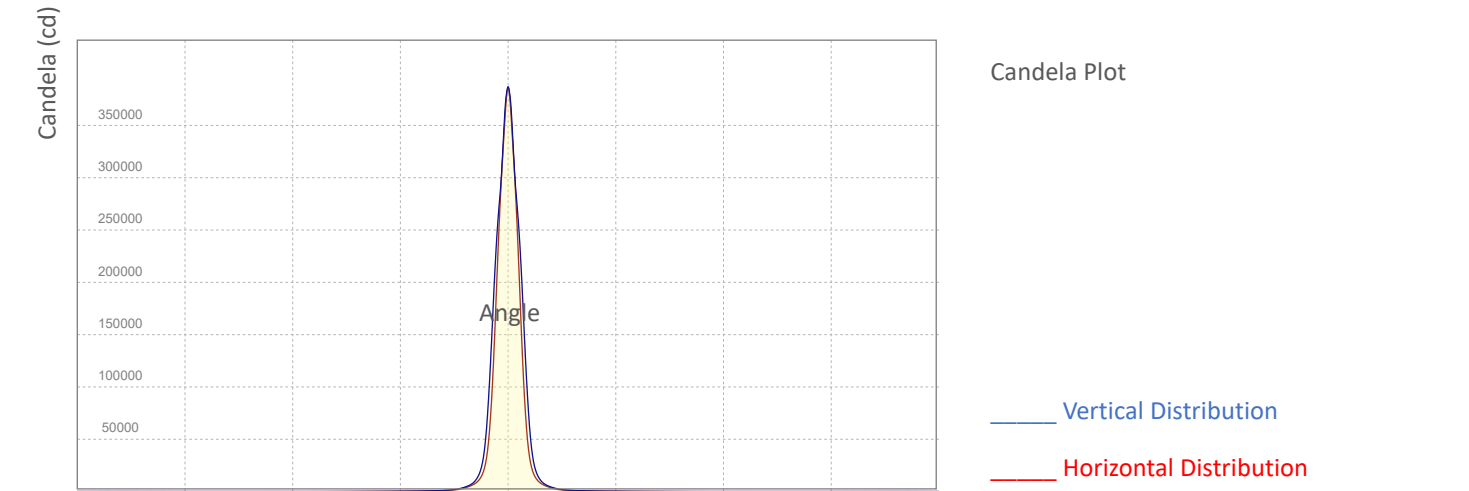
CRI: 75,2

Color Temperature

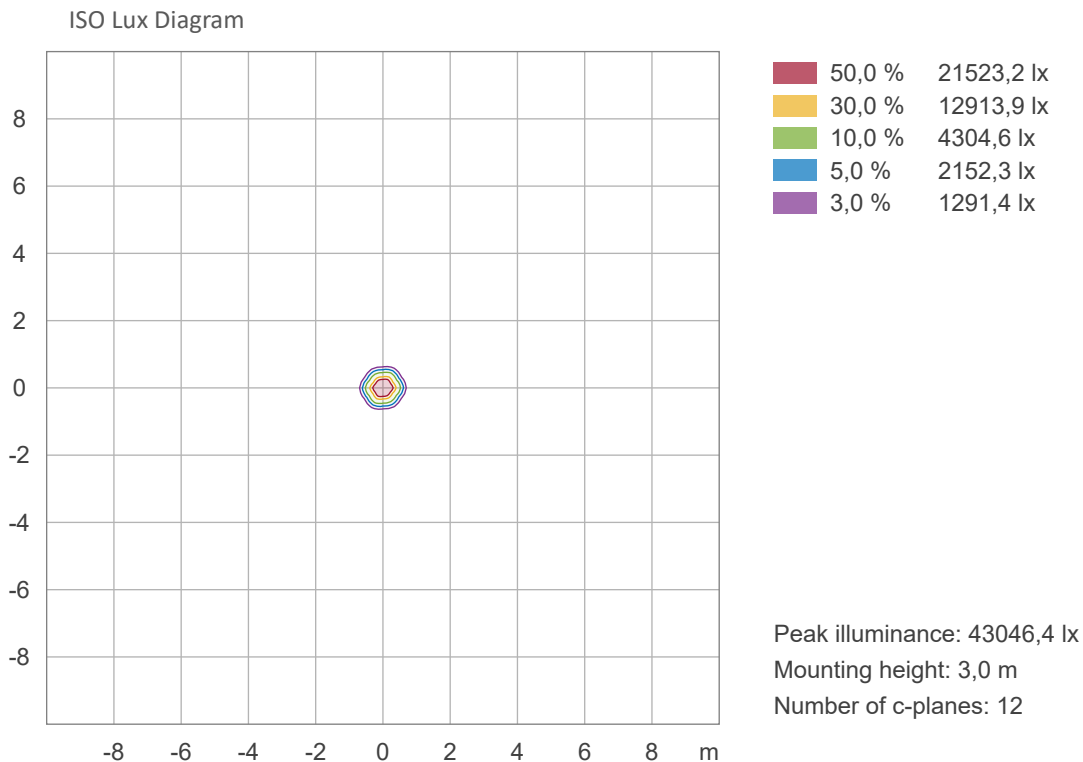
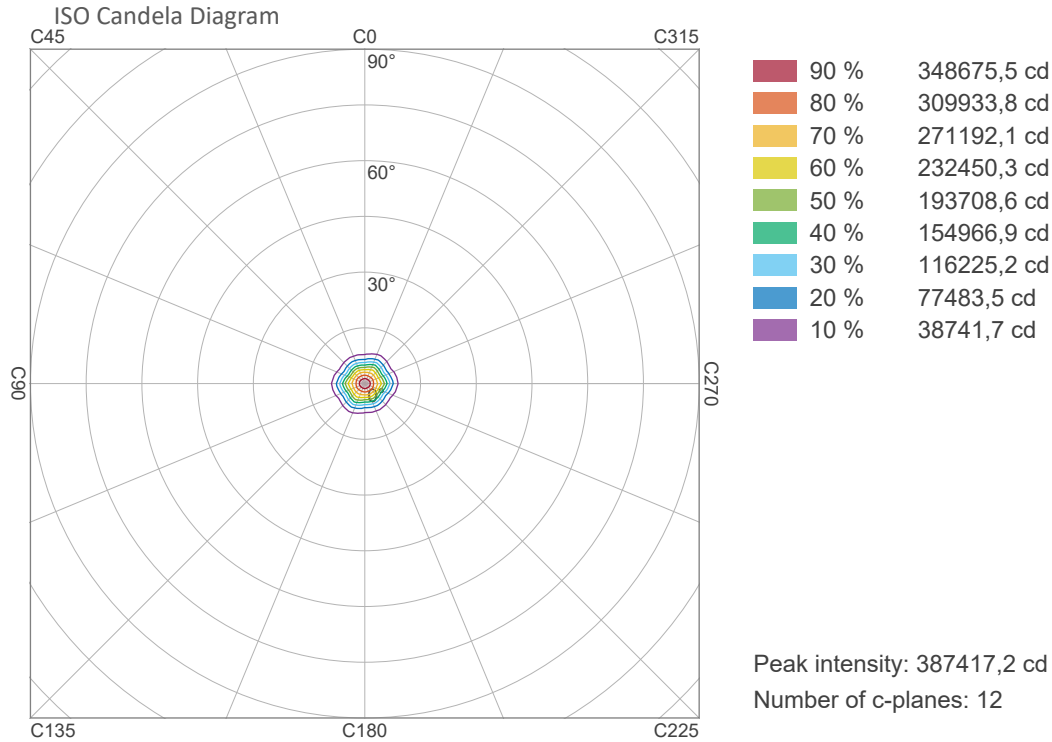
5809 K



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: 10,4°	387417/ 35992	0,2/0,6	43046/ 3999	0,5/1,8	15497/ 1440	0,9/3	7906/ 735	1,3/4,2	3874/ 360	1,8/6

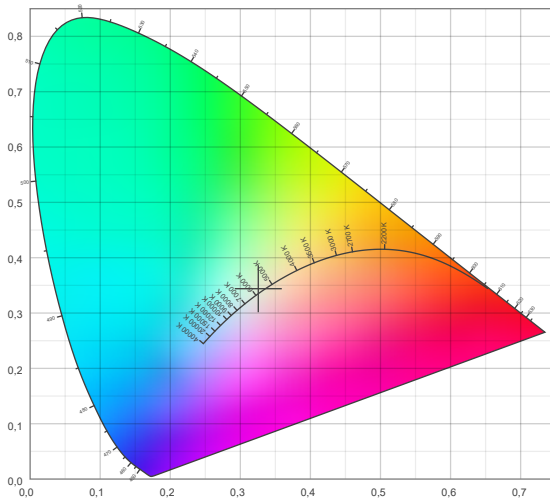


ISO Diagrams

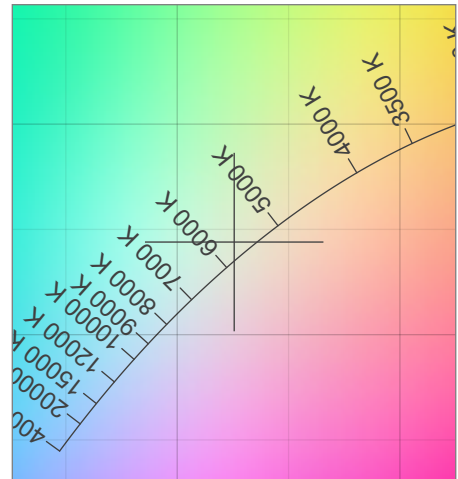


Chromaticity

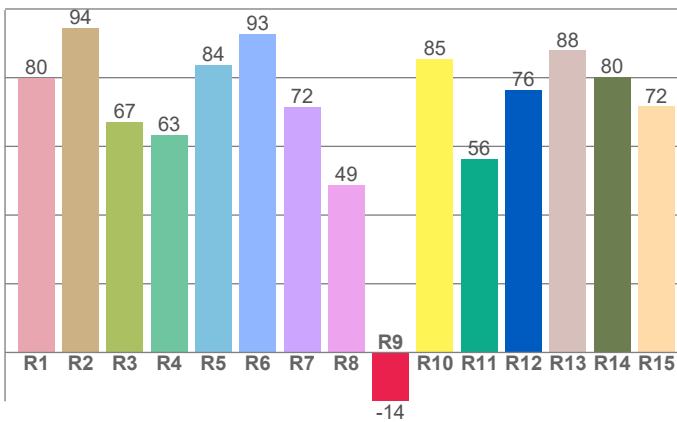
CIE 1931



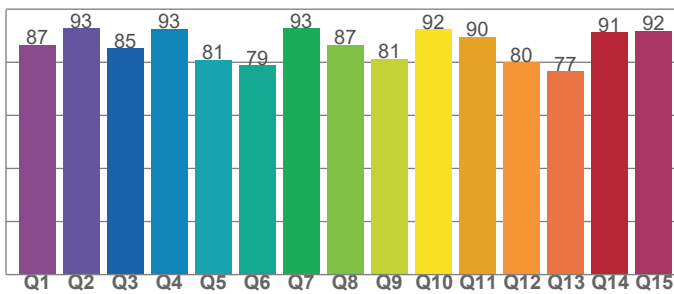
CIE 1931 - Zoom



CRI: 75,2 (R1-R8)



CQS: 85,5



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5809K	0,326	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0046	0,201	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
75,2	-14,2	85,5

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 – Rg
63	81,7	115,1

TM30 Details

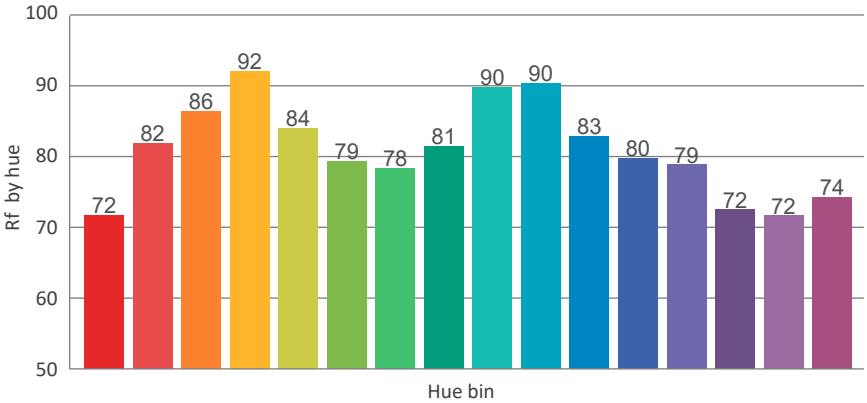
Rf 81,7

Fidelity Index Rf

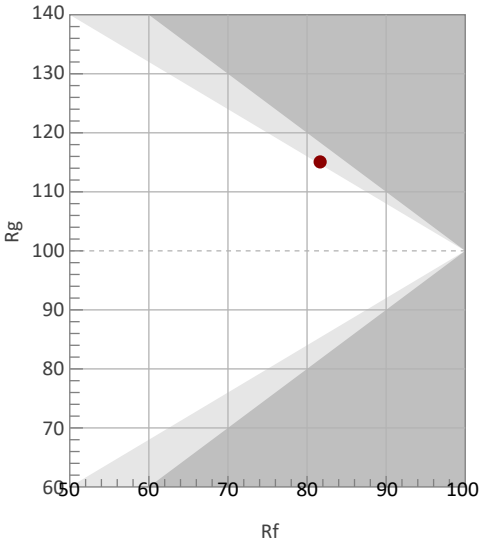
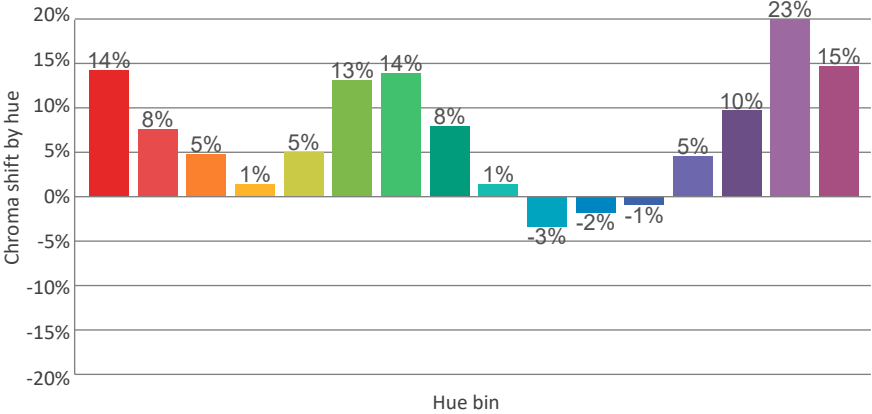
Rg 115,1

Gamut Index Rg

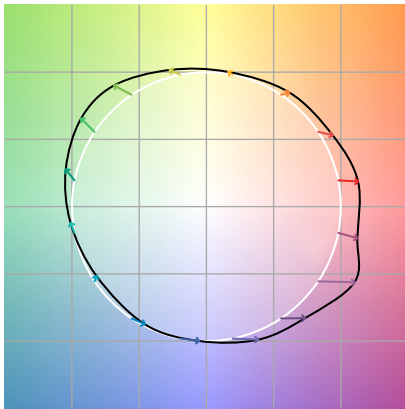
		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%



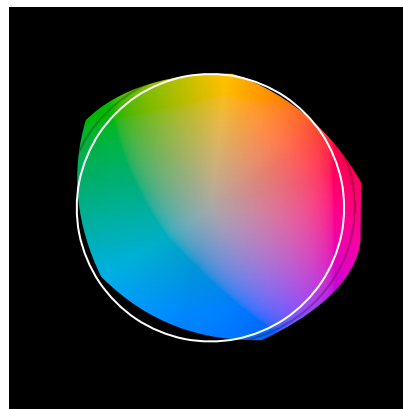
TM30_BIN_VALUES_END



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

