

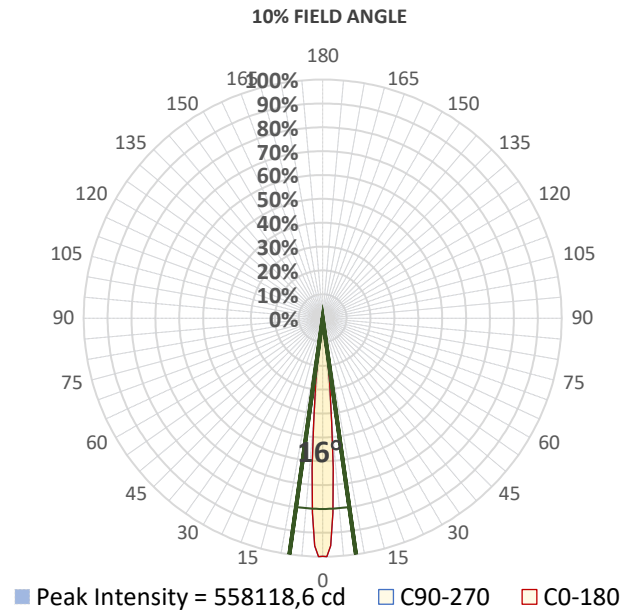
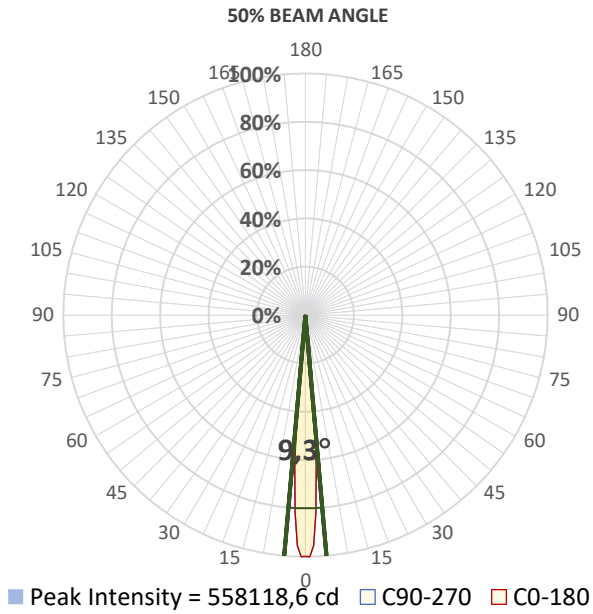
Report Summary



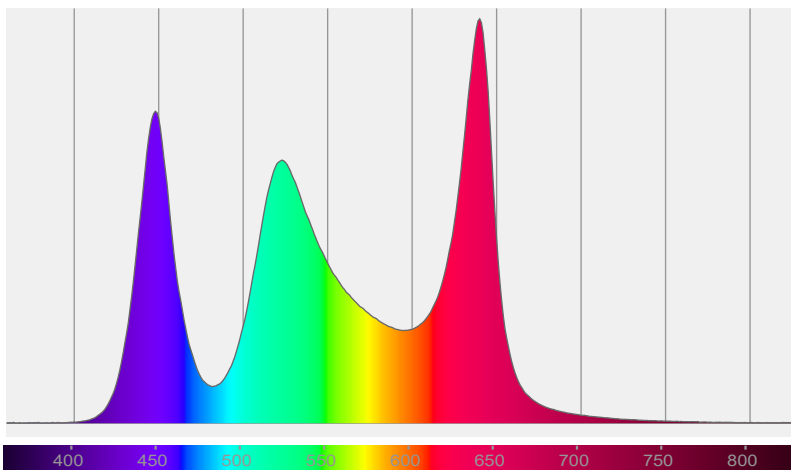
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 20210 lm / 559320 cd	Beam Angle (50%): 9,3°	AC Supply: 226 V / 50 Hz
Fixture Efficiency: 38 lm/W	Field Angle (10%): 16°	Power: 533,1 W
Intensity @ 5m: 22297 lx	Cutoff Angle (2,5%): 24,7°	Current: 2,43 A
Color Temperature: 5644 K		Power Factor: 0,97
CRI: 75,0		
CRI R9 Value: -16,0		
CQS: 85,6		
TLCI: 63		
TM-30 Rf: 81,5		
TM-30 Rg: 114,9		

Details



Spectral Distribution



CIE 1931

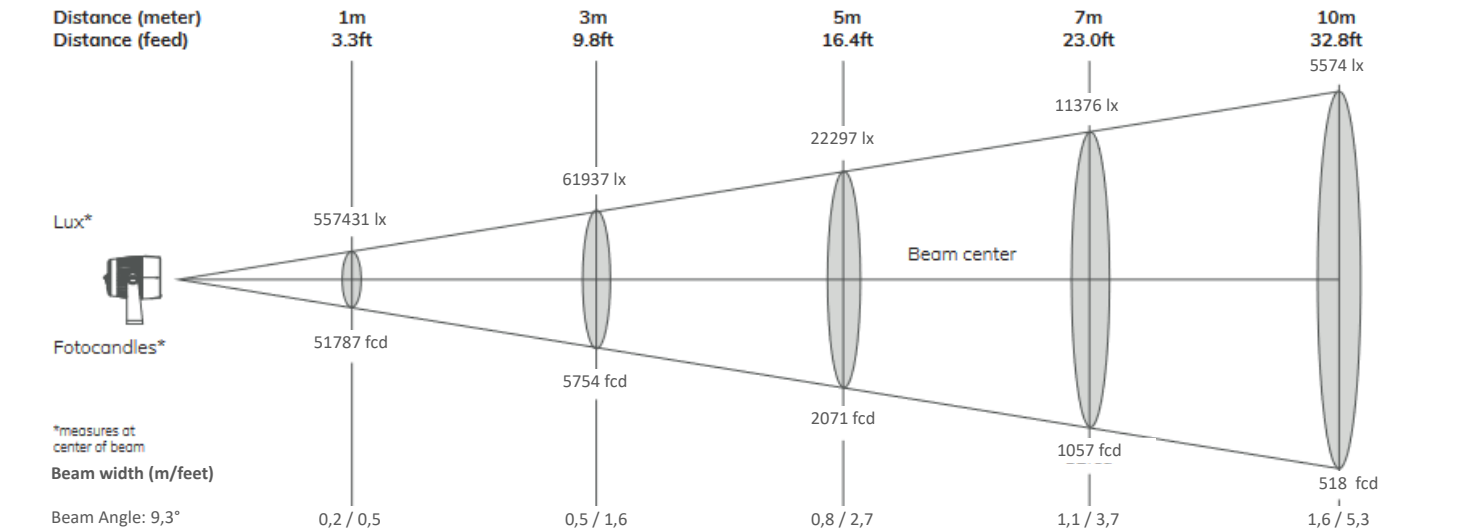
x: 0,329 y: 0,347

Light Quality

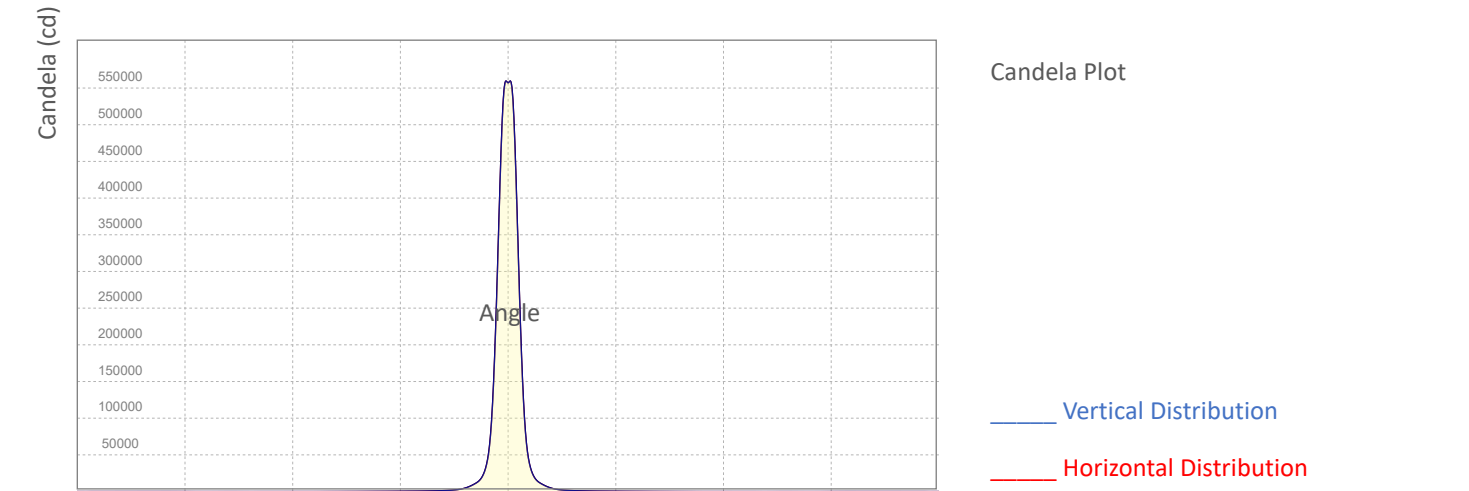
CRI: 75,0

Color Temperature

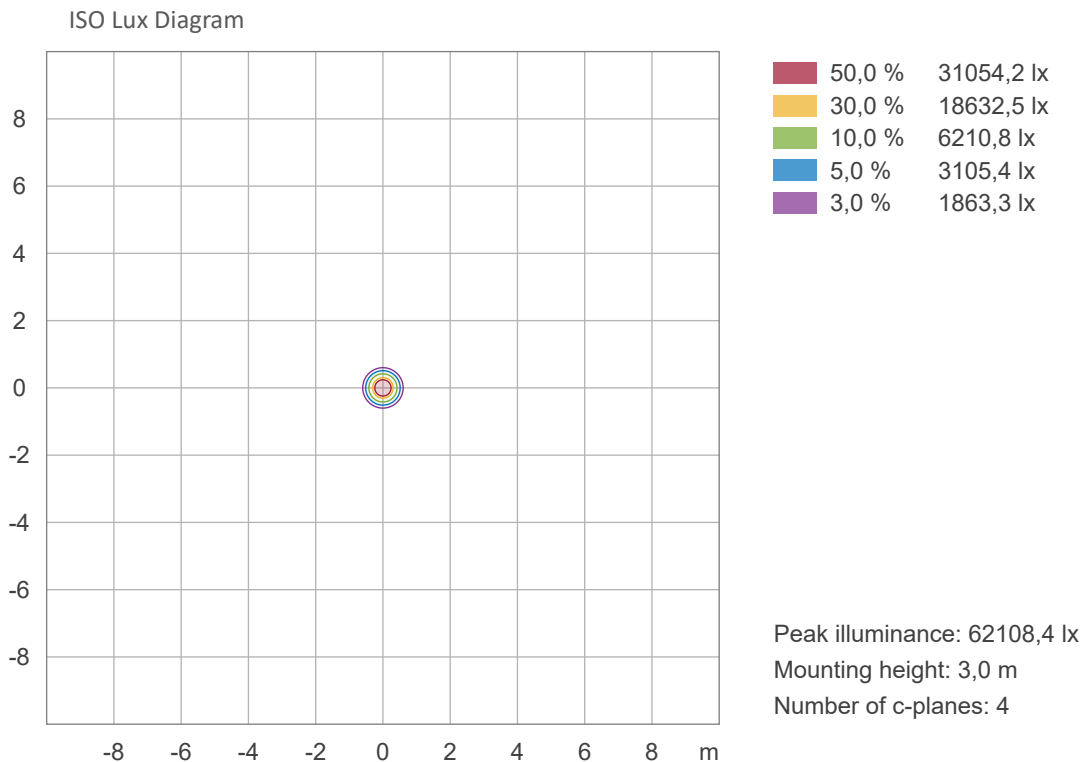
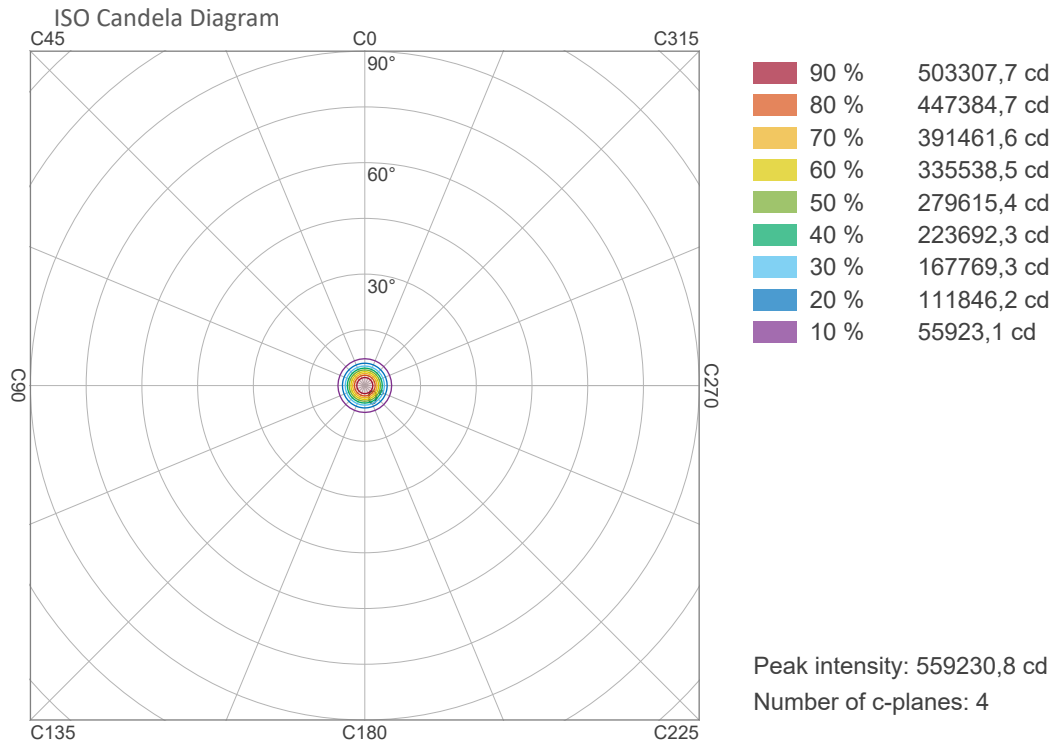
5644 K



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: 9,3°	557431/ 51787	0,2/0,5	61937/ 5754	0,5/1,6	22297/ 2071	0,8/2,7	11376/ 1057	1,1/3,7	5574/ 518	1,6/5,3

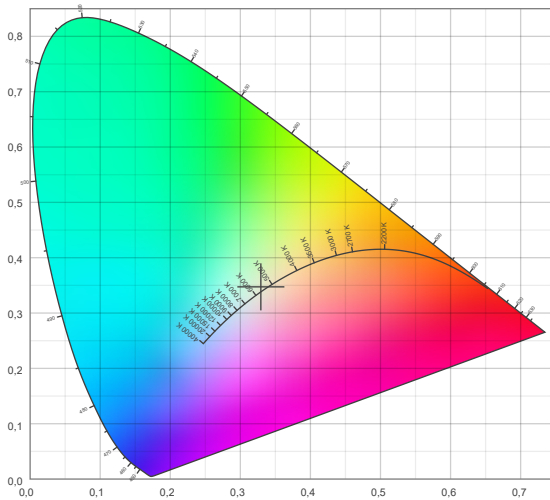


ISO Diagrams

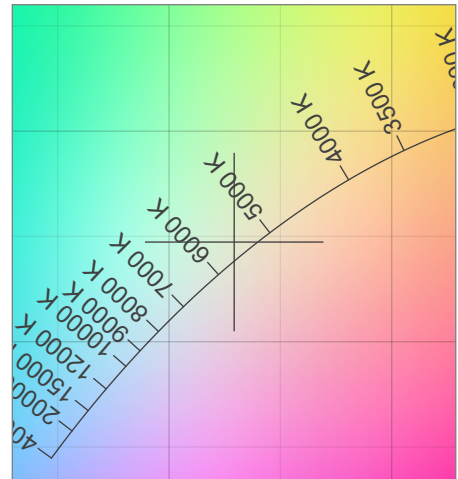


Chromaticity

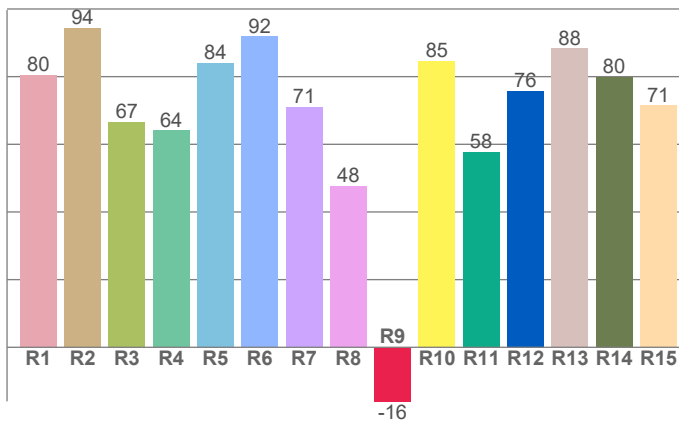
CIE 1931



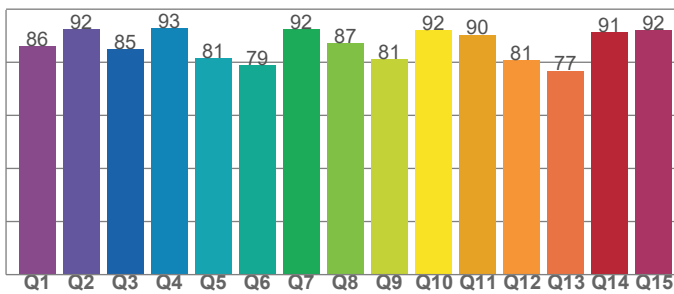
CIE 1931 - Zoom



CRI: 75,0 (R1-R8)



CQS: 85,6



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5644K	0,329	0,347

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0046	0,202	0,320

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
75,0	-16,0	85,6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 – Rg
63	81,5	114,9

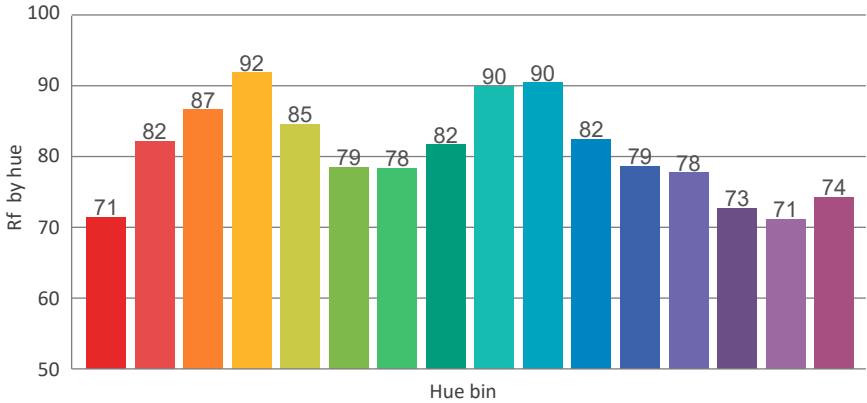
TM30 Details

Rf 81,5

Fidelity Index Rf

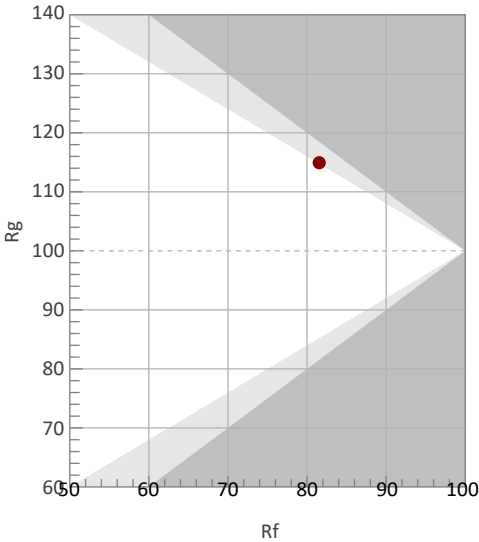
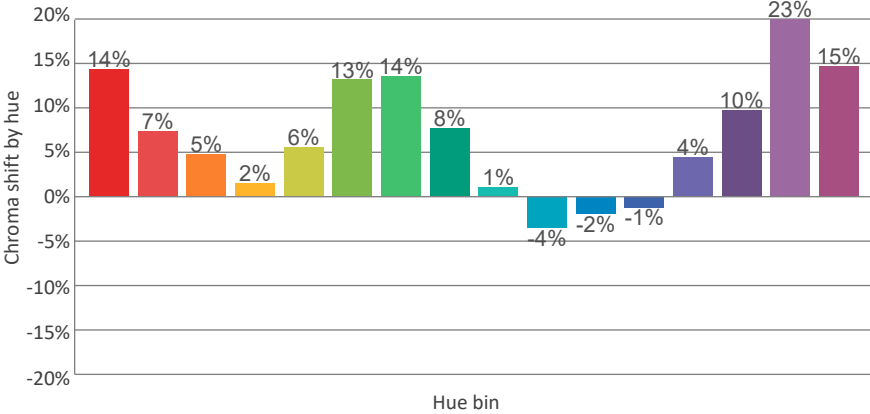
Rg 114,9

Gamut Index Rg

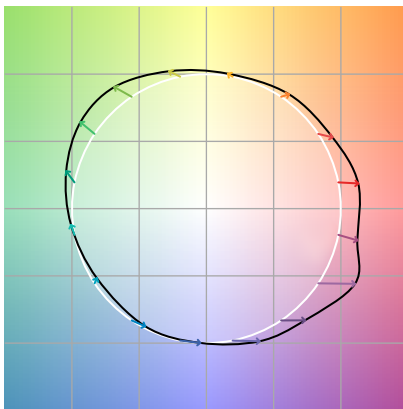


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

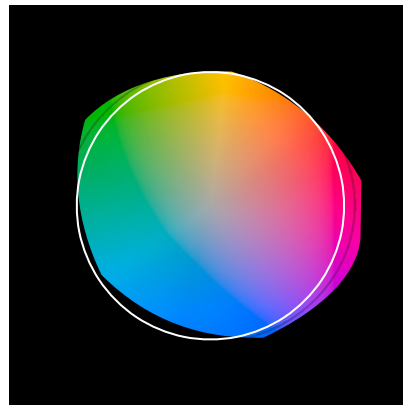
TM30_BIN_VALUES_END



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

