

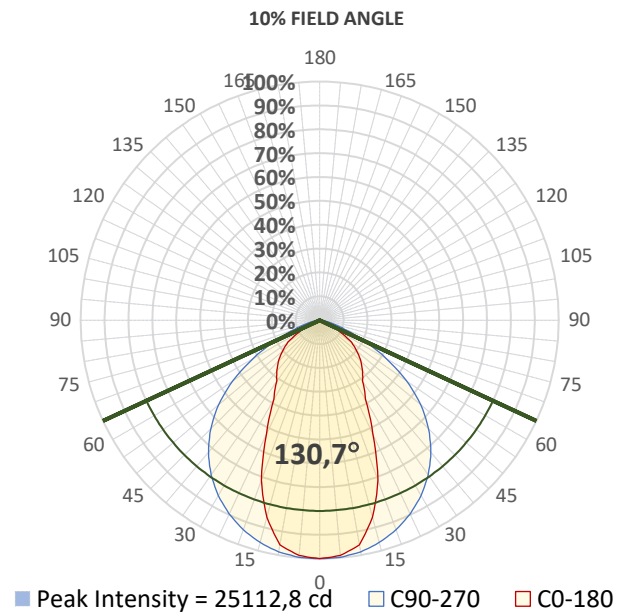
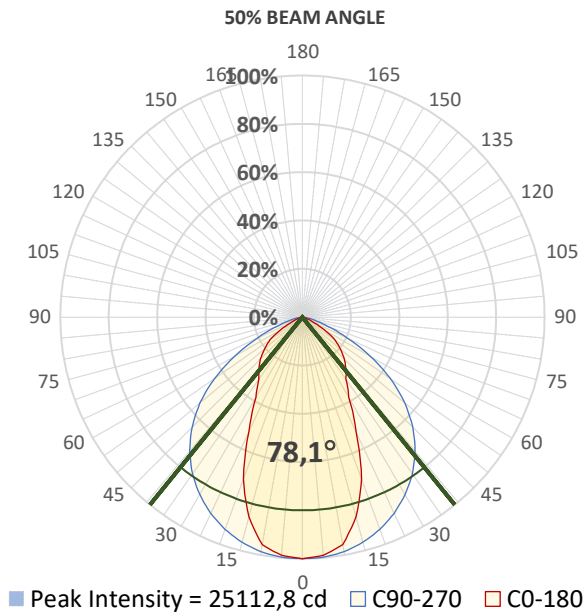
Report Summary



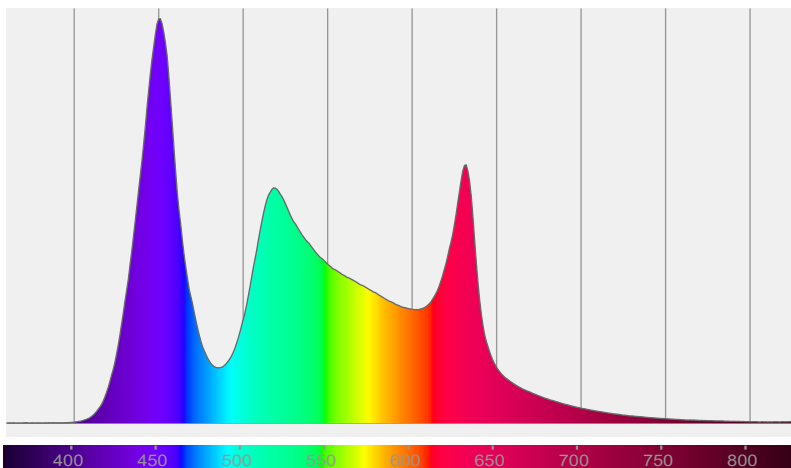
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 45472 lm / 25114 cd	Beam Angle (50%): 78,1°	AC Supply: 223 V / 50 Hz
Fixture Efficiency: 49 lm/W	Field Angle (10%): 130,7°	Power: 926 W
Intensity @ 5m: 1005 lx	Cutoff Angle (2,5%): 150°	Current: 4,20 A
Color Temperature: 7720 K		Power Factor: 0,99
CRI: 87,5		
CRI R9 Value: 70,4		
CQS: 90,2		
TLCI: 89		
TM-30 Rf: 87,0		
TM-30 Rg: 107,4		

Details



Spectral Distribution



CIE 1931

x: 0,298 y: 0,306

Light Quality

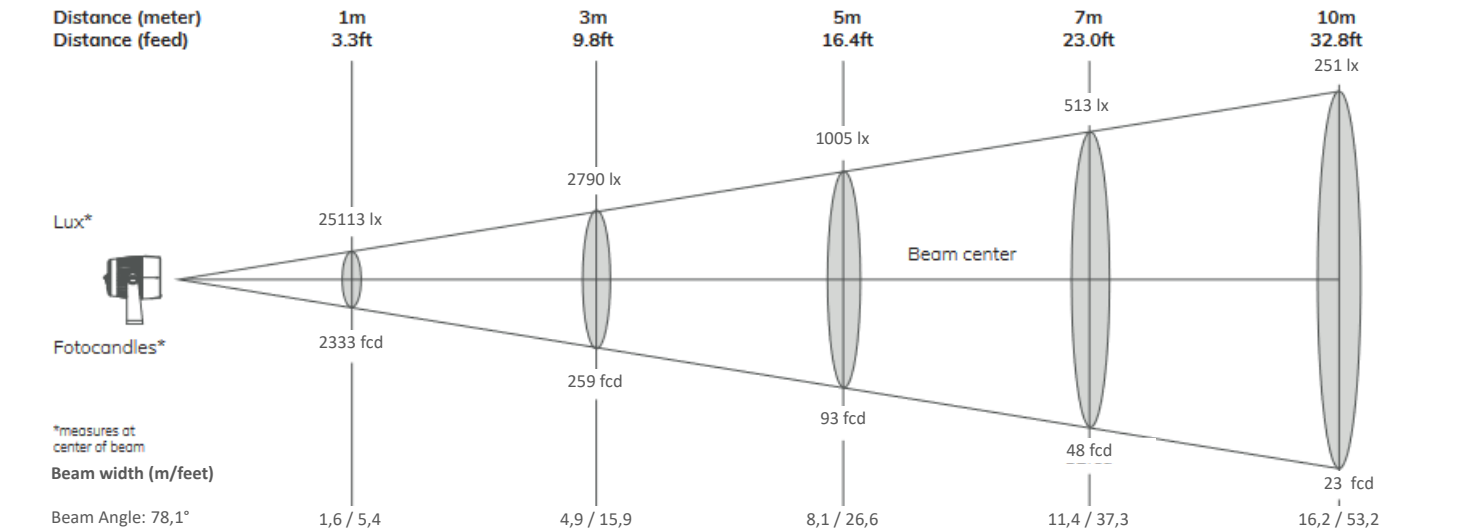
CRI: 87,5

Color Temperature

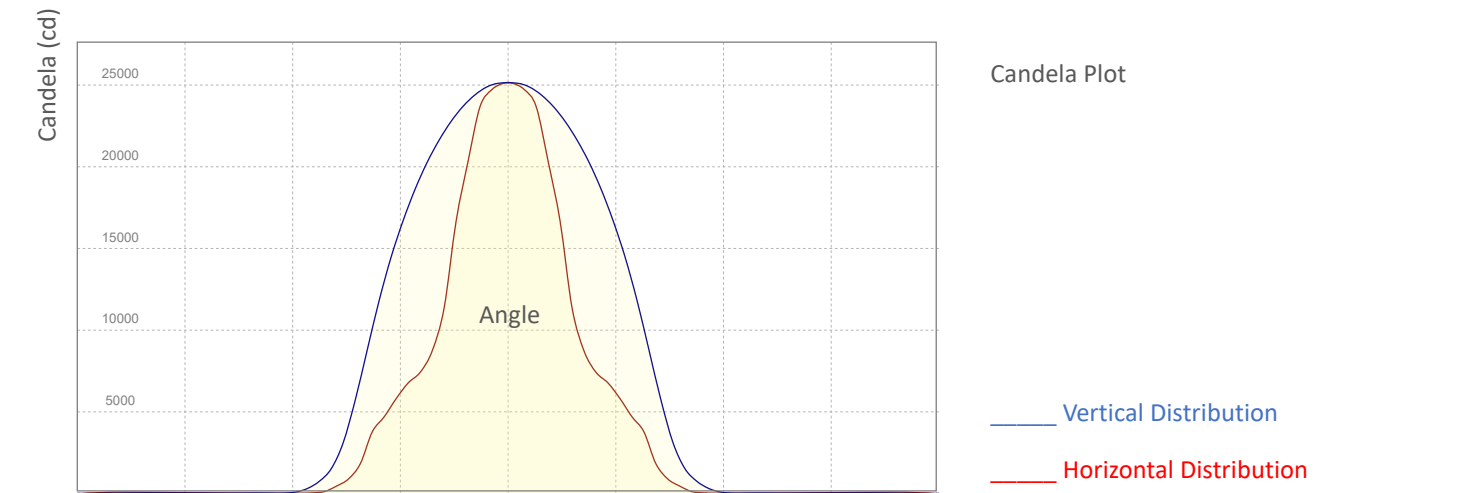
7720 K

Cluster S1

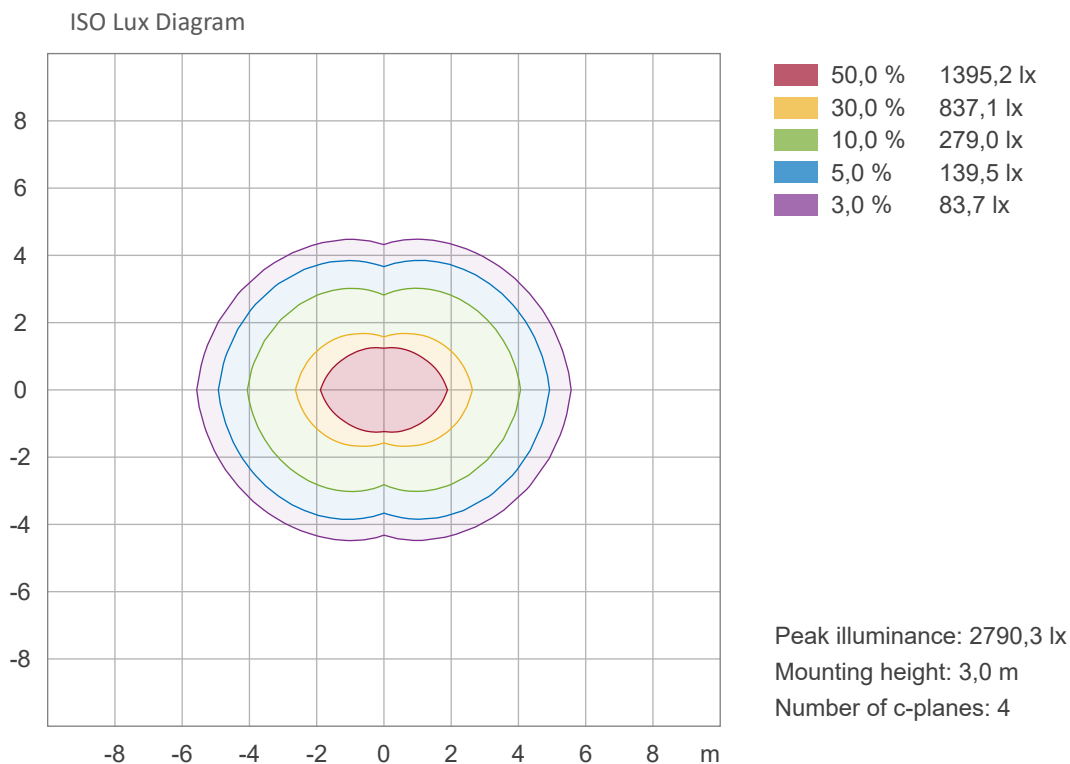
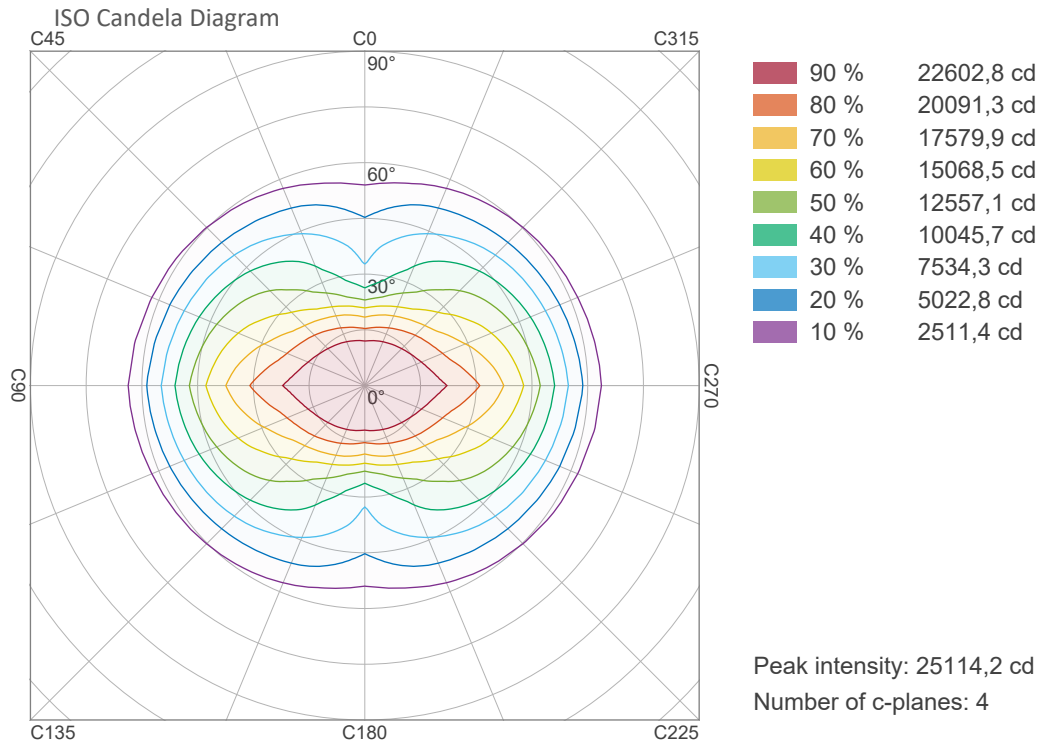
6500K, Peak, CCT on



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: 78,1°	25113/ 2333	1,6/5,4	2790/ 259	4,9/15,9	1005/ 93	8,1/26,6	513/ 48	11,4/37,3	251/ 23	16,2/53,2

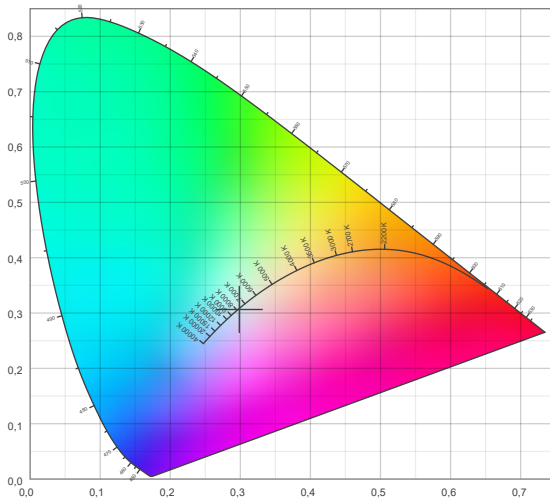


ISO Diagrams

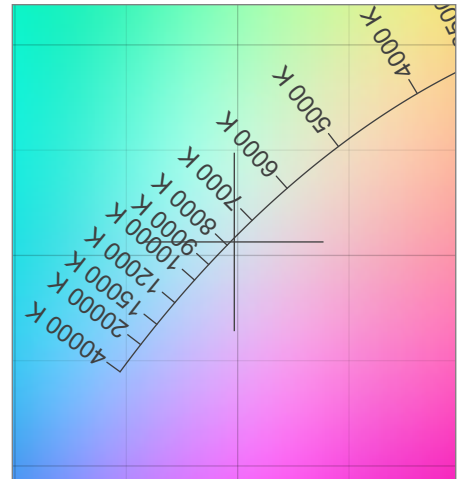


Chromaticity

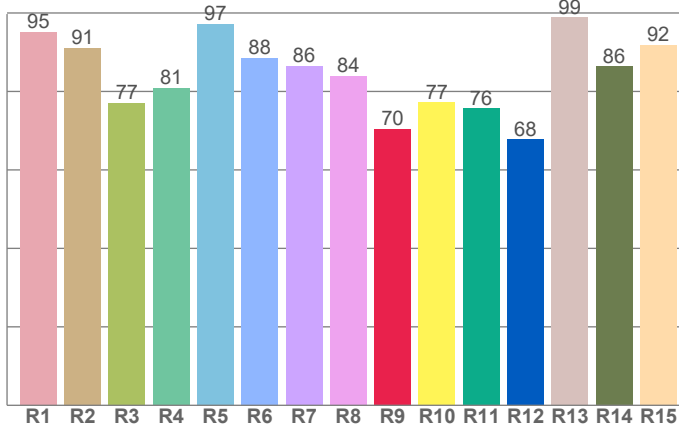
CIE 1931



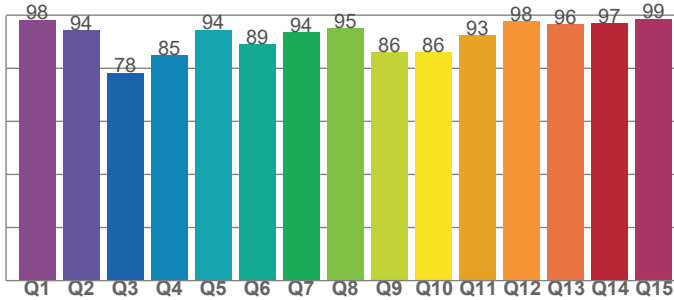
CIE 1931 - Zoom



CRI: 87,5 (R1-R8)



CQS: 90,2



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7720K	0,298	0,306

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
-0,0010	0,196	0,302

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
87,5	70,4	90,2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
89	87,0	107,4

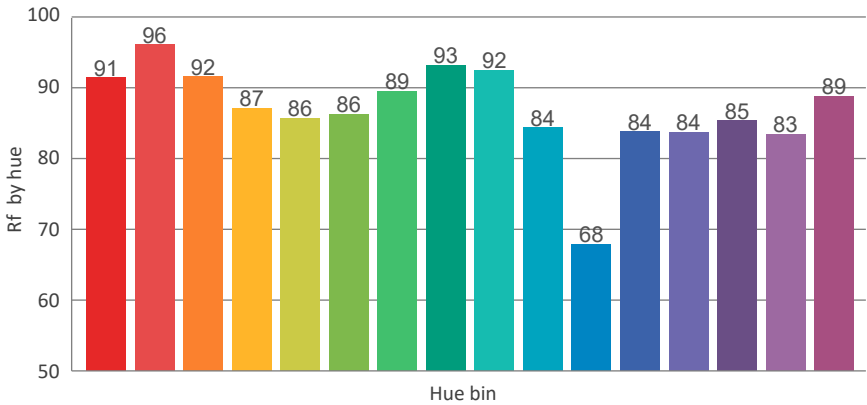
TM30 Details

Rf 87,0

Fidelity Index Rf

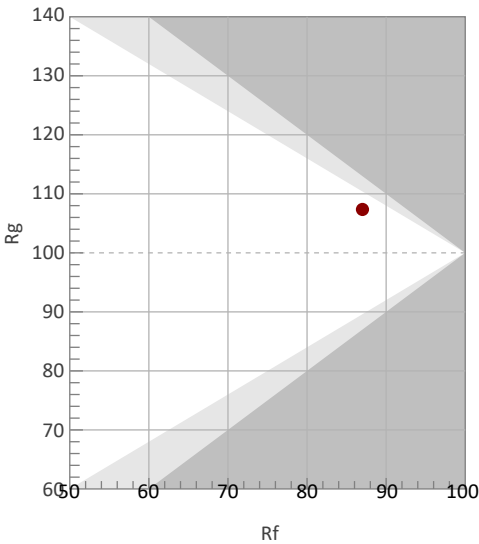
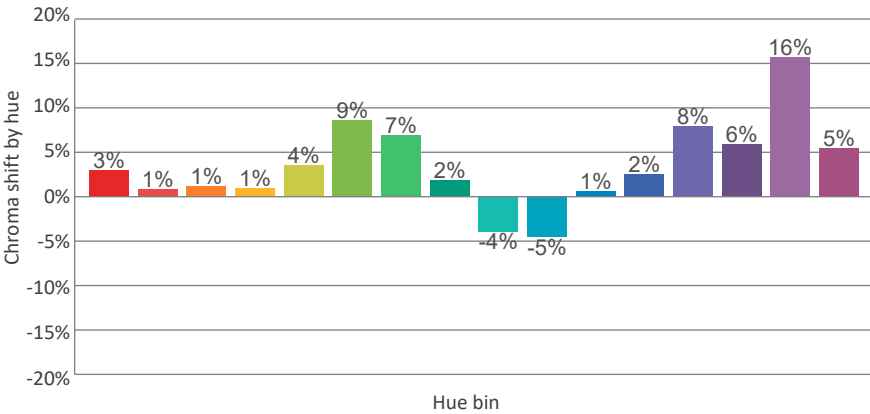
Rg 107,4

Gamut Index Rg

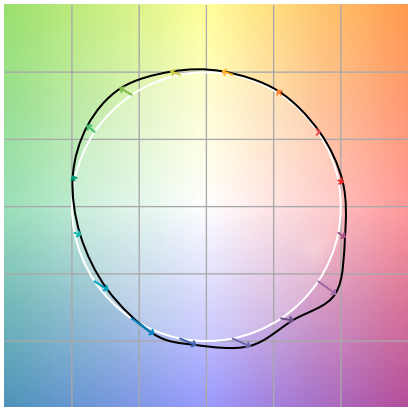


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

