

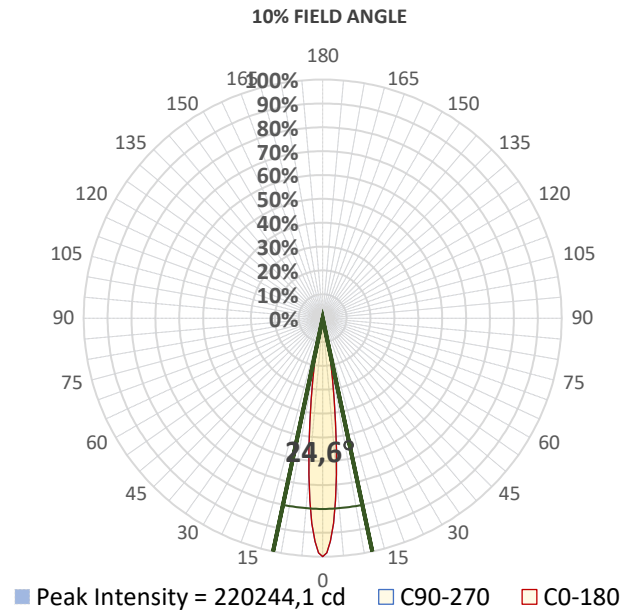
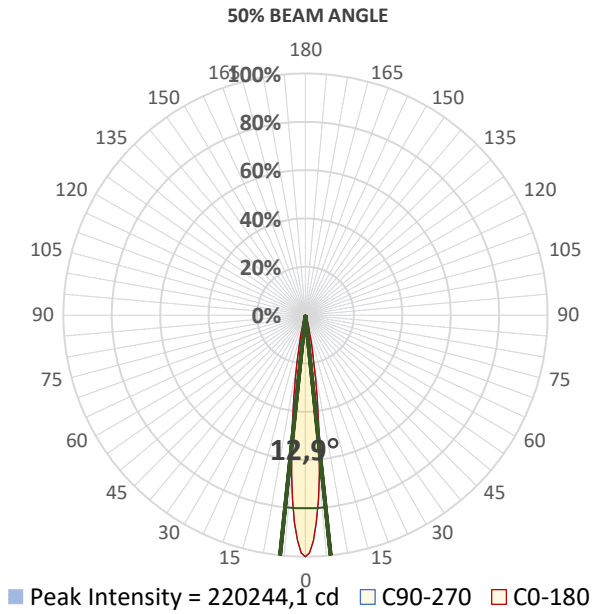
Report Summary



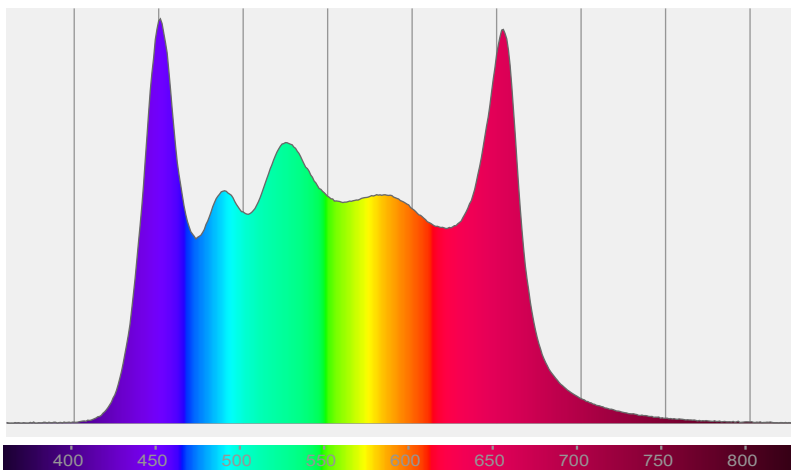
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 19103 lm / 220244 cd	Beam Angle (50%): 12,9°	AC Supply: 221 V / 50 Hz
Fixture Efficiency: 27 lm/W	Field Angle (10%): 24,6°	Power: 706,7 W
Intensity @ 5m: 8810 lx	Cutoff Angle (2,5%): 37,1°	Current: 3,27 A
Color Temperature: 5590 K		Power Factor: 0,98
CRI: 97,1		
CRI R9 Value: 79,7		
CQS: 97,1		
TLCI: 99		
TM-30 Rf: 94,3		
TM-30 Rg: 101,5		

Details



Spectral Distribution



CIE 1931

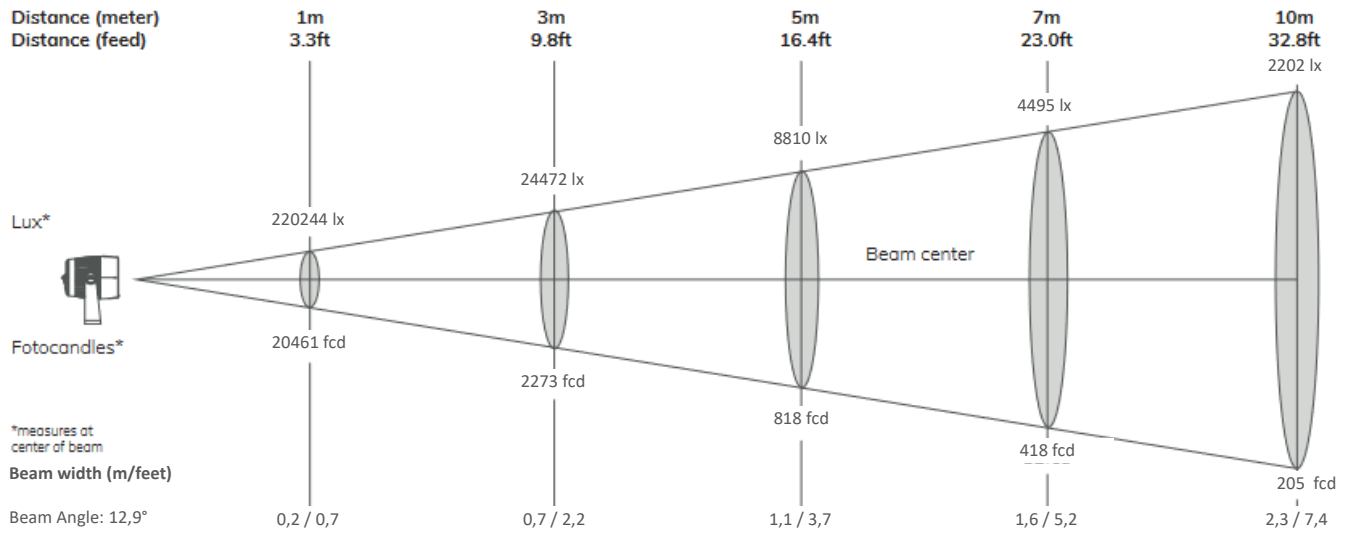
x: 0,331 y: 0,346

Light Quality

CRI: 97,1

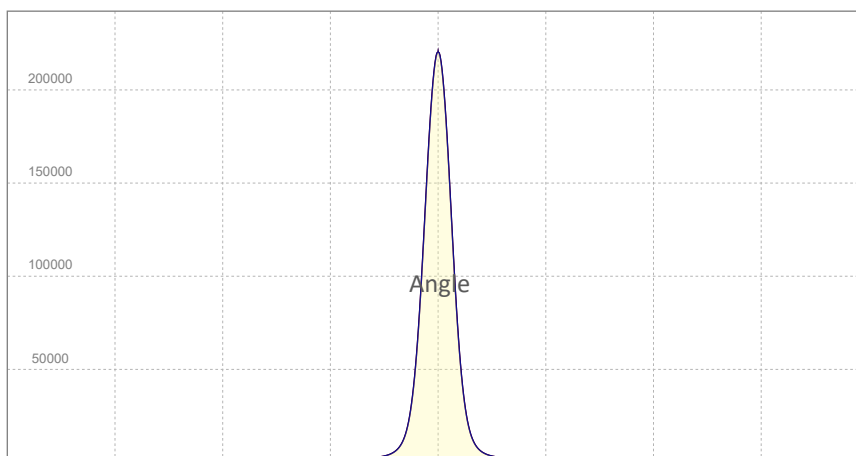
Color Temperature

5590 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: 12,9°	220244/ 20461	0,2/0,7	24472/ 2273	0,7/2,2	8810/ 818	1,1/3,7	4495/ 418	1,6/5,2	2202/ 205	2,3/7,4

Candela (cd)

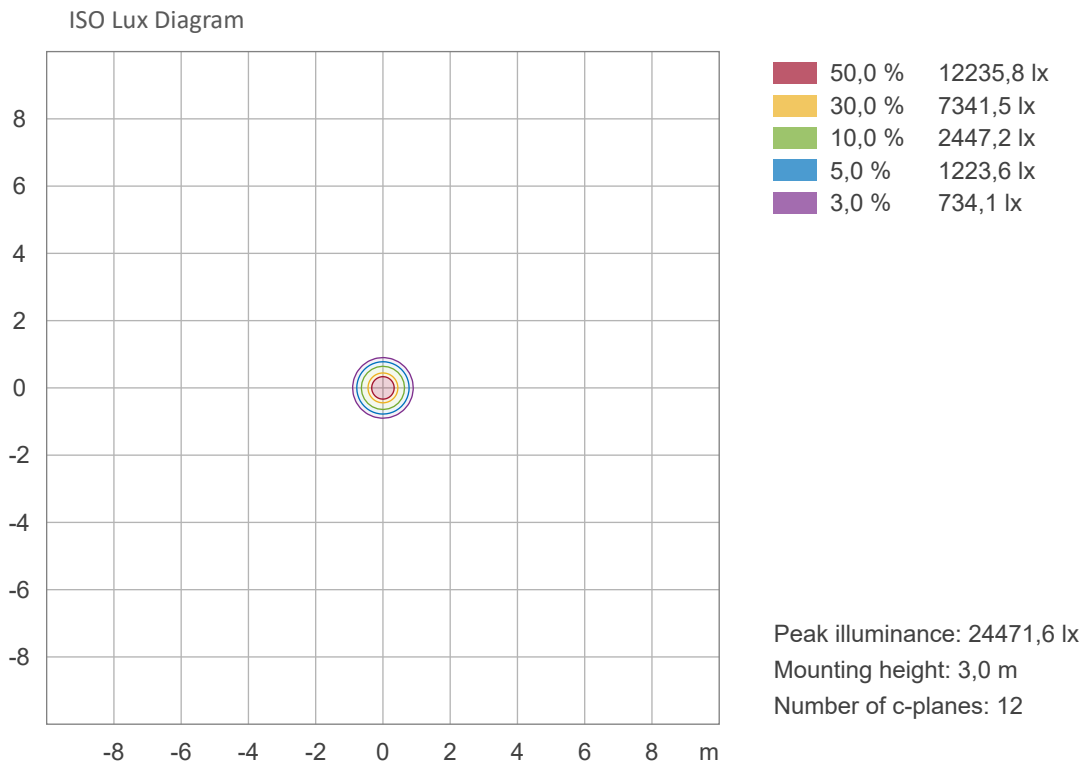
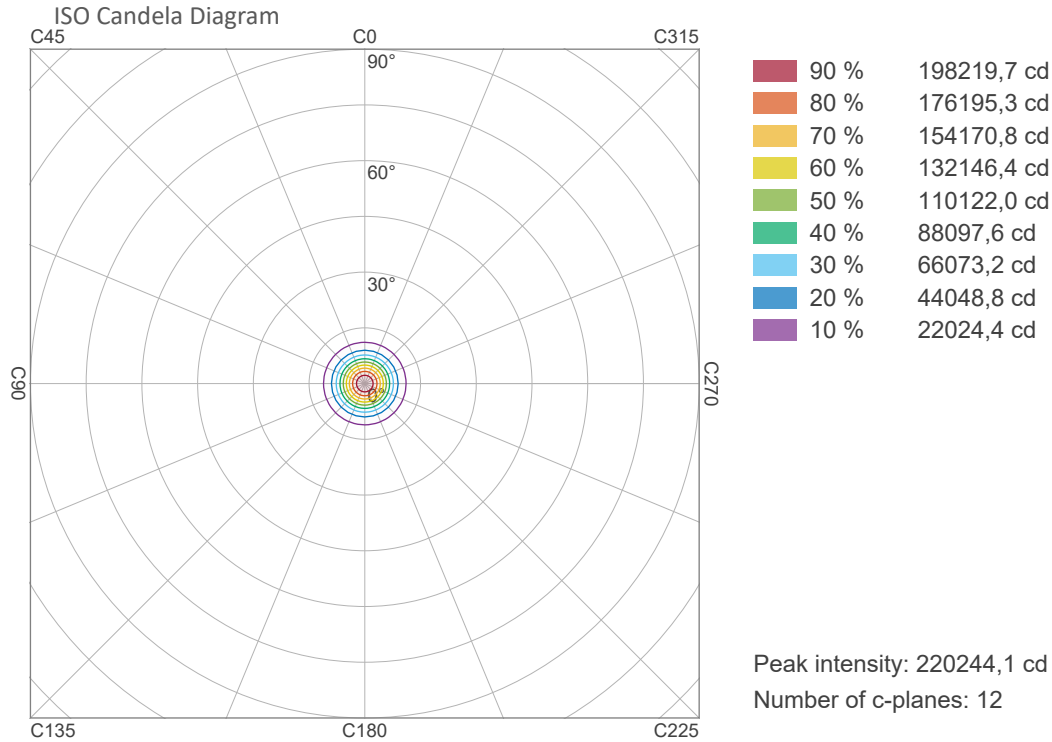


Candela Plot

Vertical Distribution

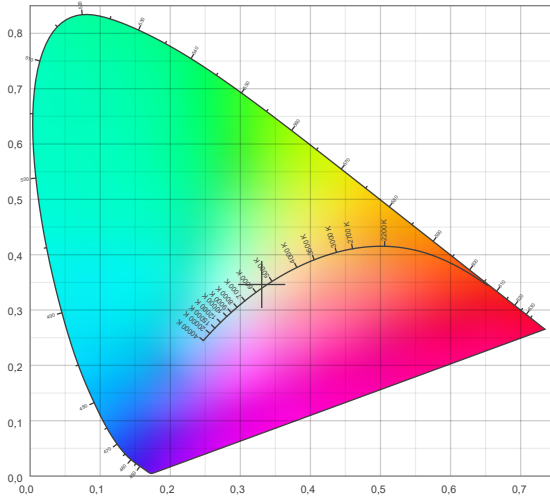
Horizontal Distribution

ISO Diagrams

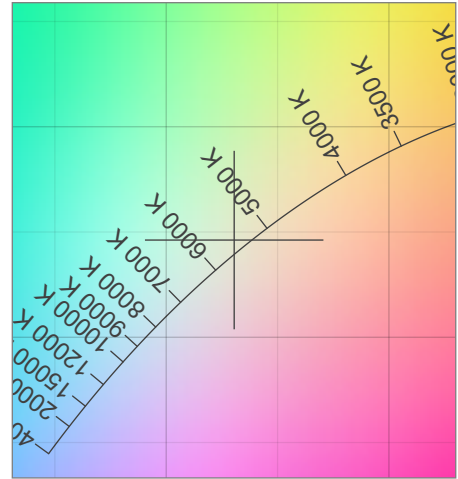


Chromaticity

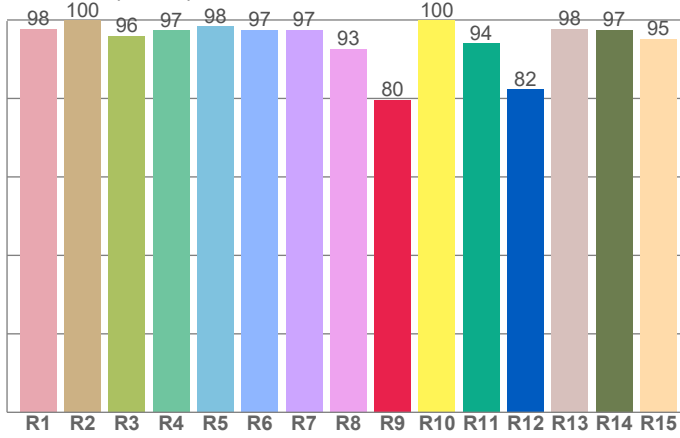
CIE 1931



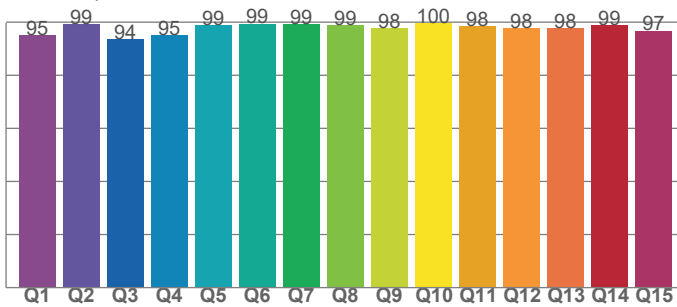
CIE 1931 - Zoom



CRI: 97,1 (R1-R8)



CQS: 97,1



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5590K	0,331	0,346

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0035	0,204	0,320

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
97,1	79,7	97,1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
99	94,3	101,5

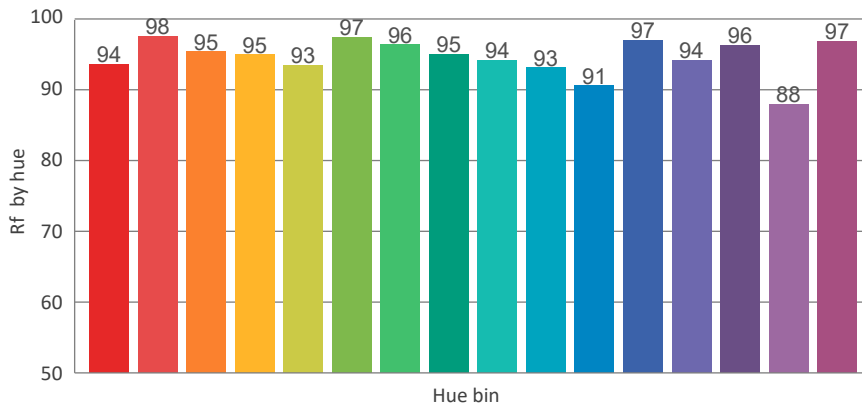
TM30 Details

Rf 94,3

Fidelity Index Rf

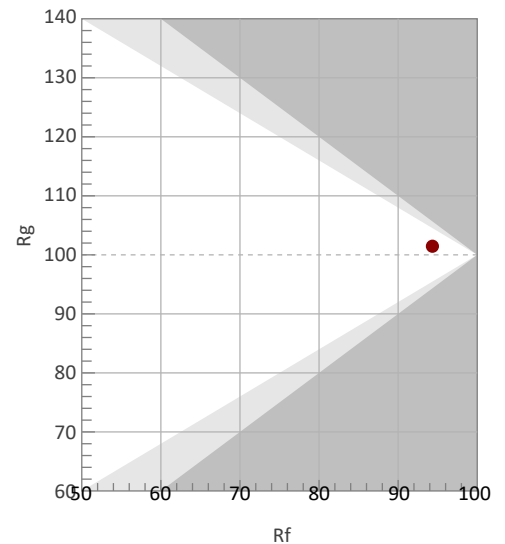
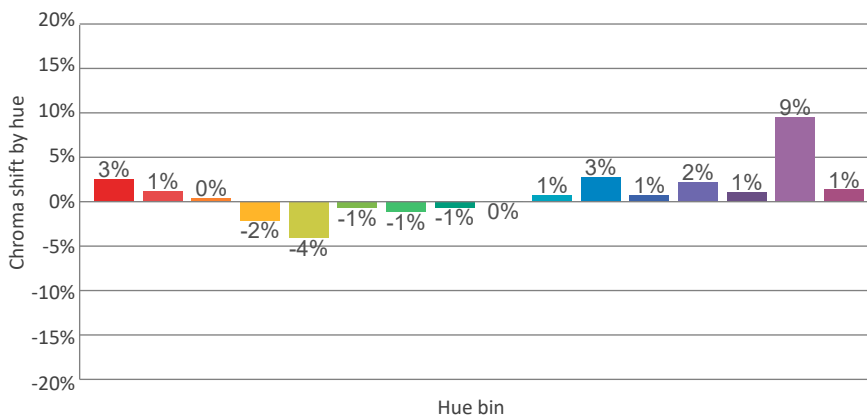
Rg 101,5

Gamut Index Rg

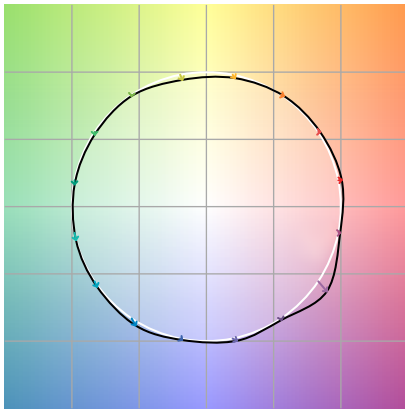


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

