

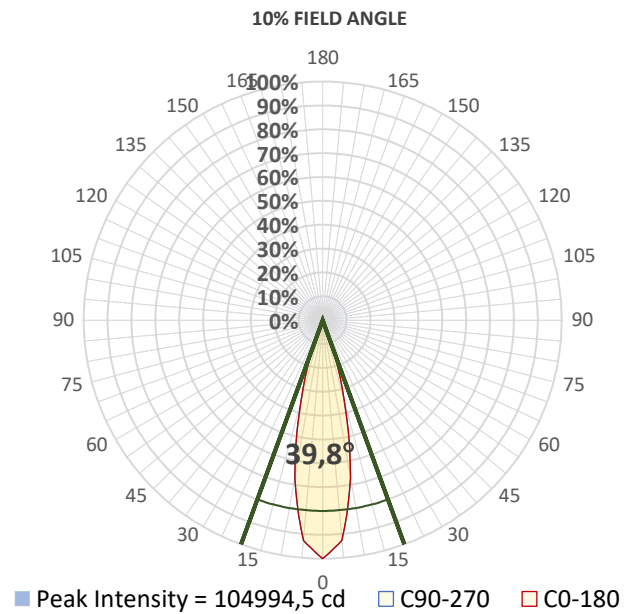
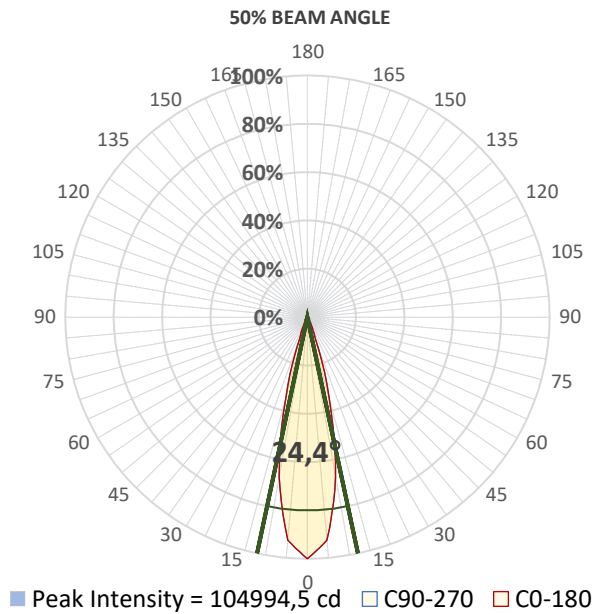
Report Summary



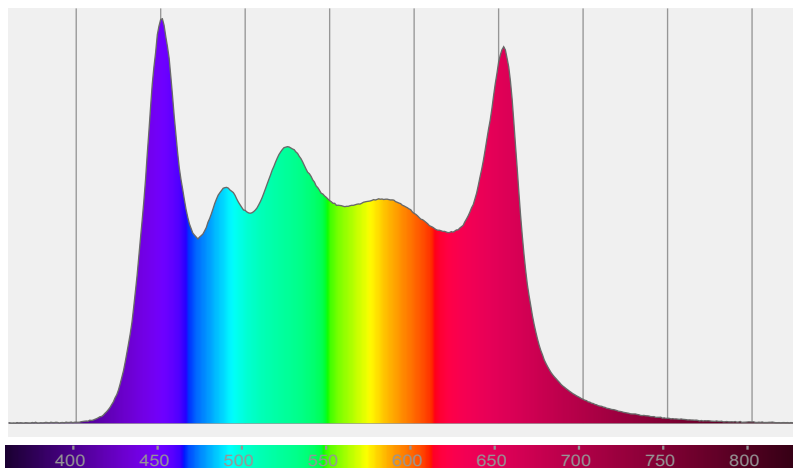
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 23256 lm / 104994 cd	Beam Angle (50%): 24,4°	AC Supply: 224 V / 50 Hz
Fixture Efficiency: 29 lm/W	Field Angle (10%): 39,8°	Power: 812,3 W
Intensity @ 5m: 4200 lx	Cutoff Angle (2,5%): 54,1°	Current: 3,71 A
Color Temperature: 5698 K		Power Factor: 0,98
CRI: 97,2		
CRI R9 Value: 80,6		
CQS: 97,3		
TLCI: 99		
TM-30 Rf: 94,4		
TM-30 Rg: 101,3		

Details



Spectral Distribution



CIE 1931

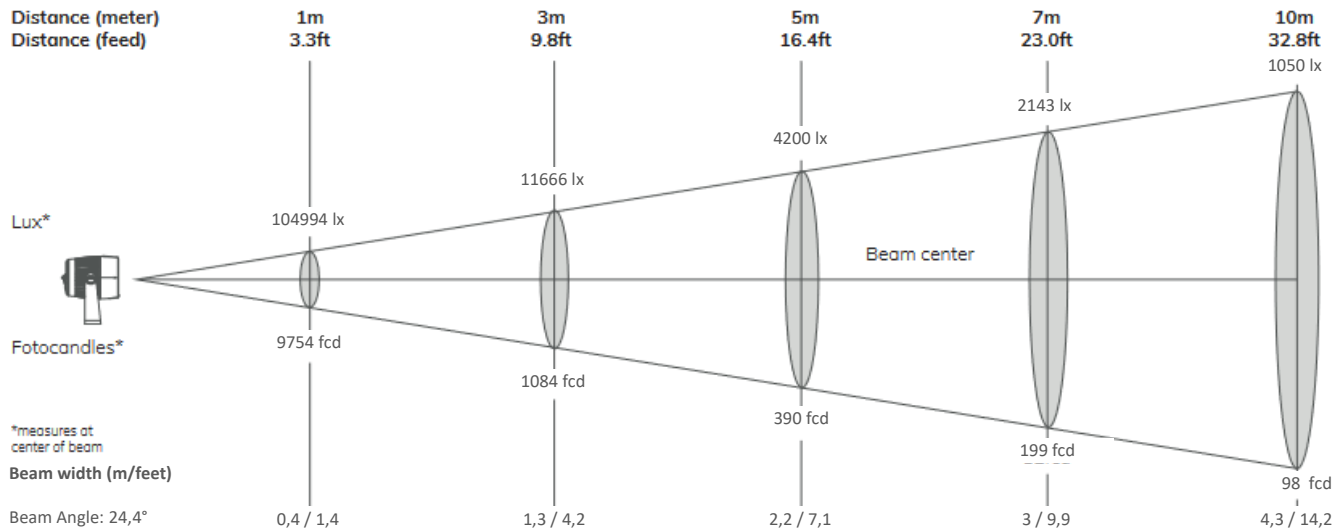
x: 0,328 y: 0,344

Light Quality

CRI: 97,2

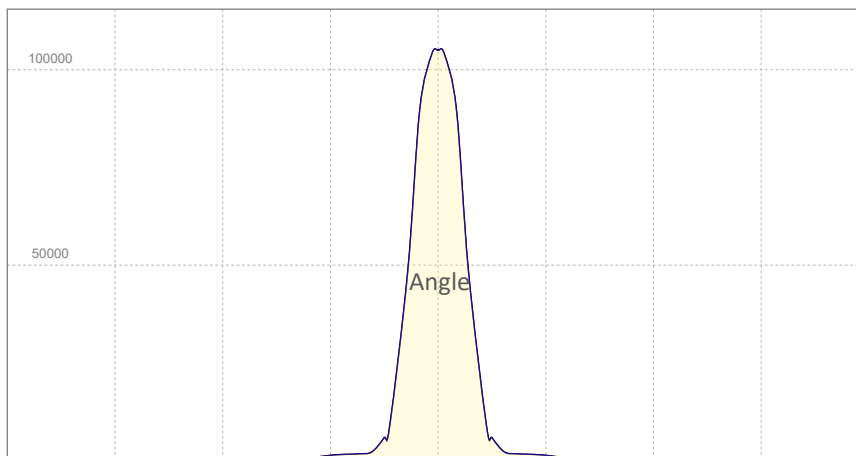
Color Temperature

5698 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: 24,4°	104994/ 9754	0,4/1,4	11666/ 1084	1,3/4,2	4200/ 390	2,2/7,1	2143/ 199	3/9,9	1050/ 98	4,3/14,2

Candela (cd)

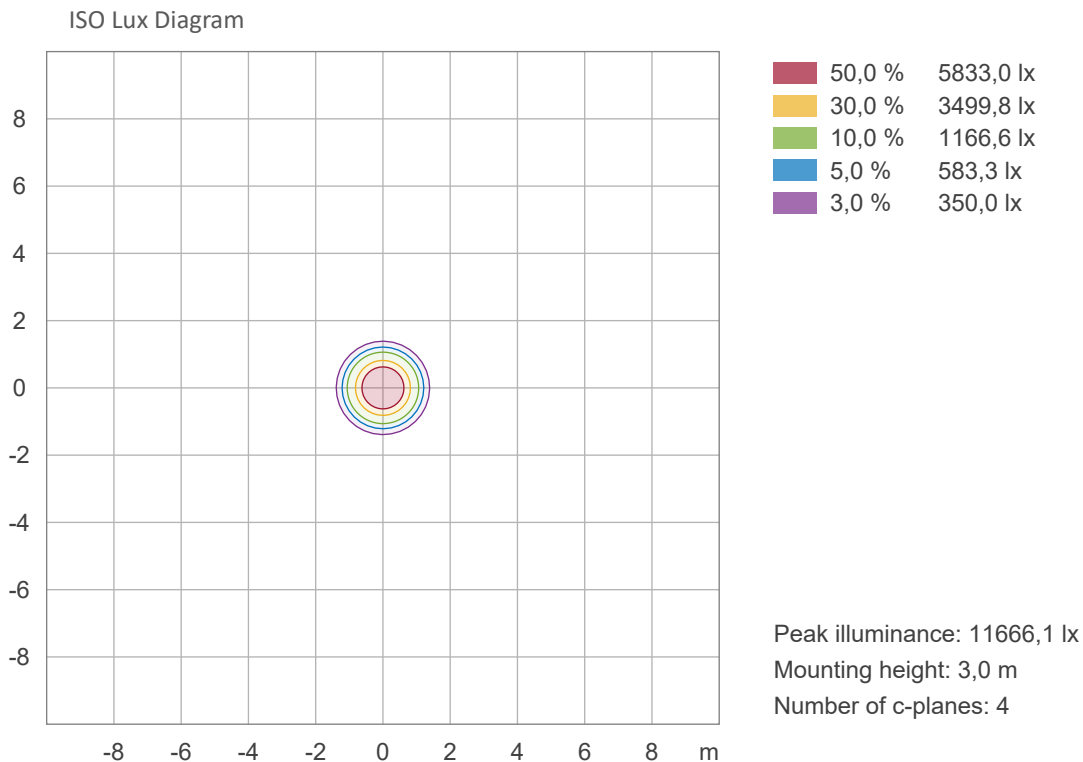
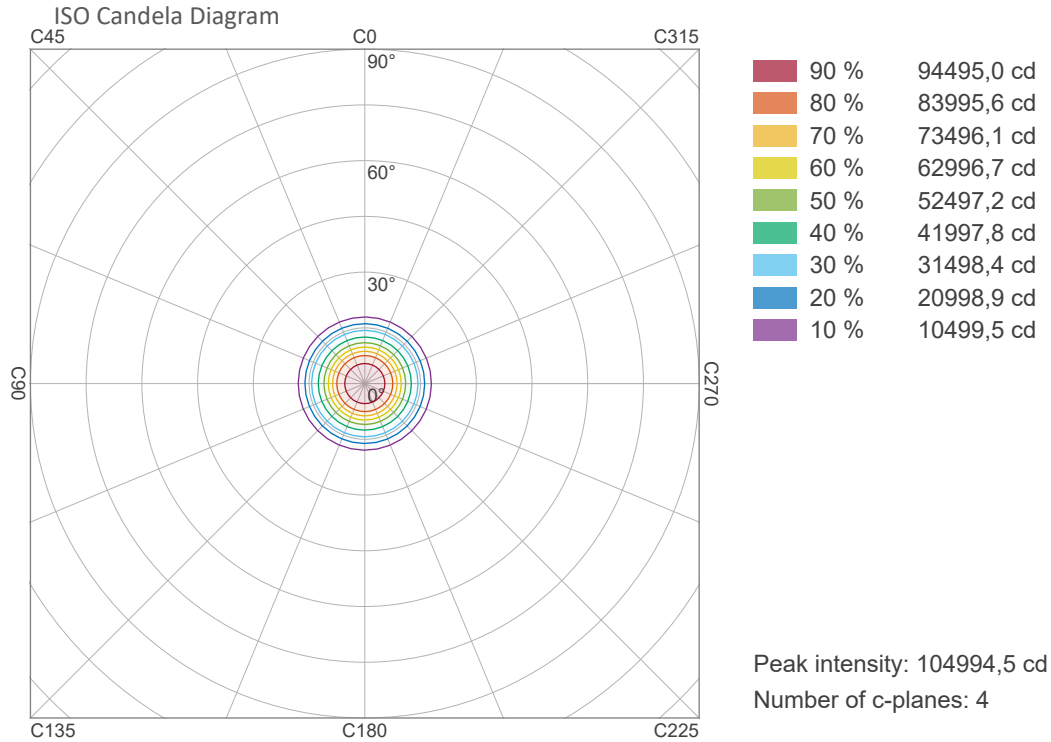


Candela Plot

Vertical Distribution

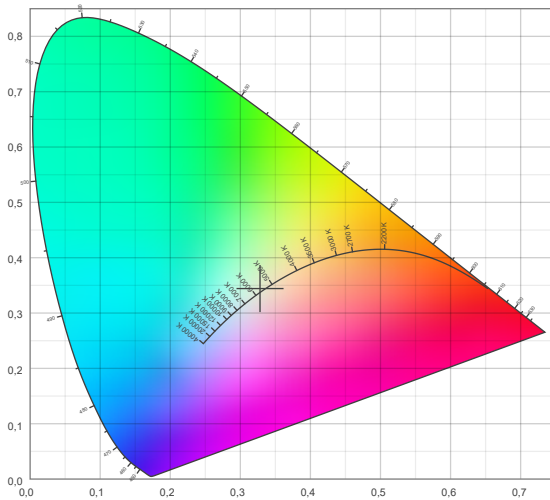
Horizontal Distribution

ISO Diagrams

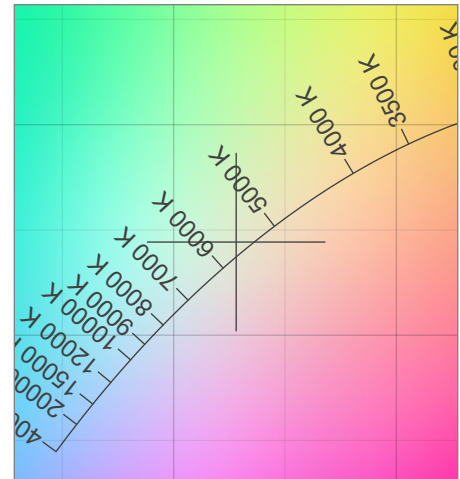


Chromaticity

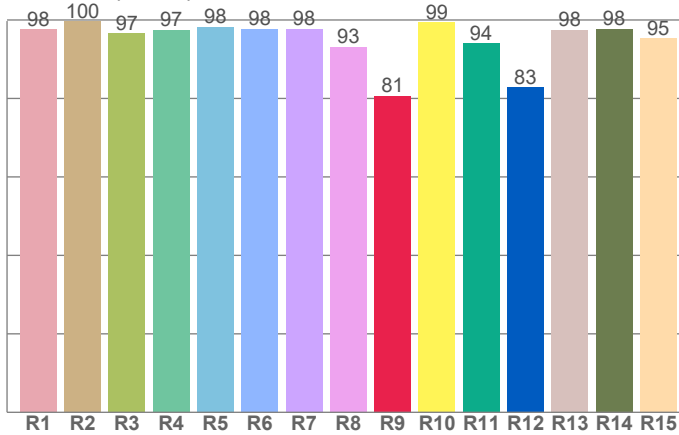
CIE 1931



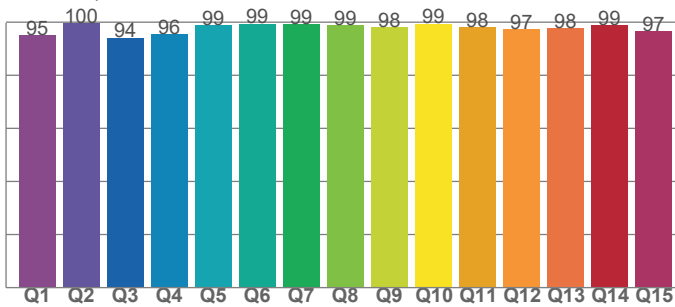
CIE 1931 - Zoom



CRI: 97,2 (R1-R8)



CQS: 97,3



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5698K	0,328	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0036	0,203	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
97,2	80,6	97,3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
99	94,4	101,3

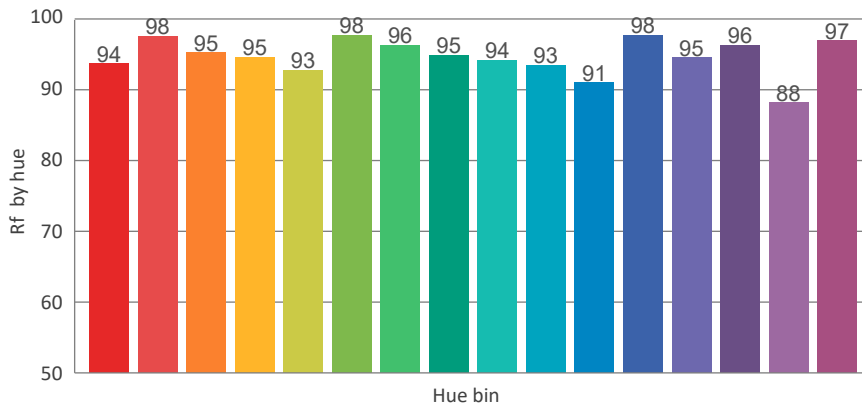
TM30 Details

Rf 94,4

Fidelity Index Rf

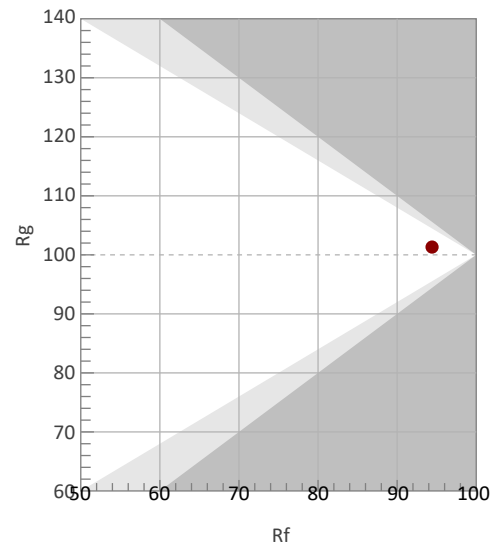
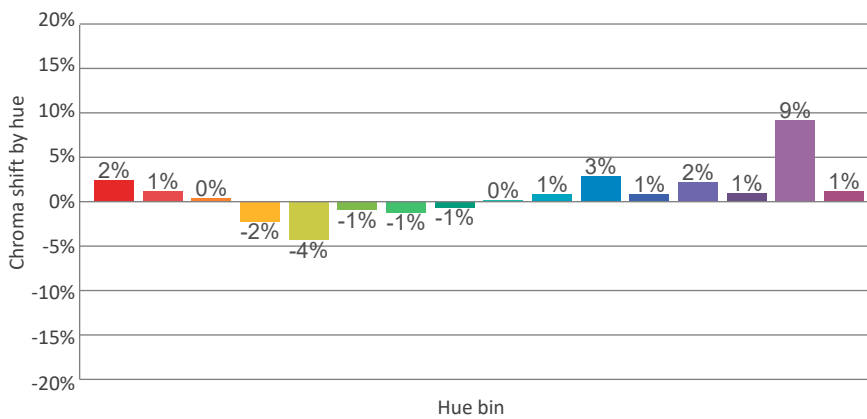
Rg 101,3

Gamut Index Rg

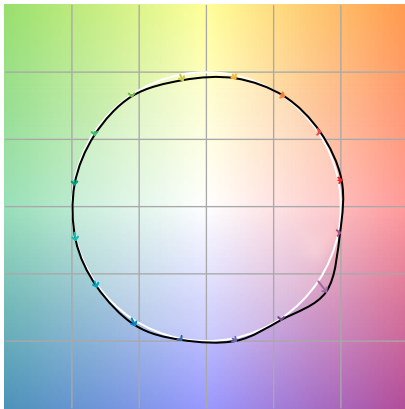


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

