

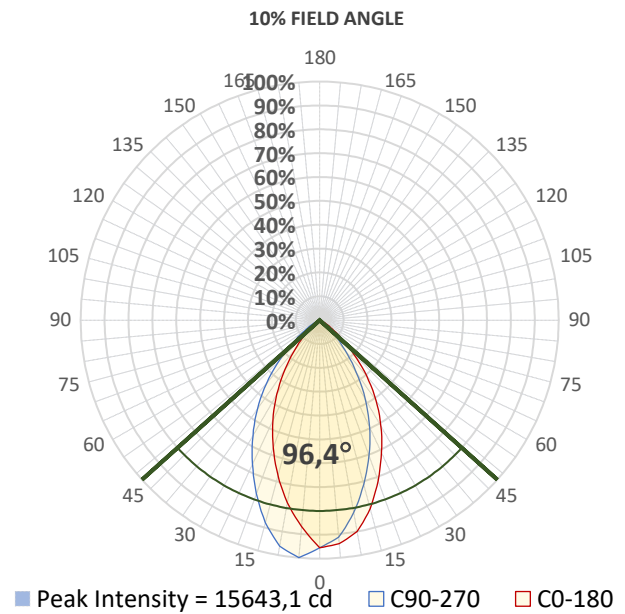
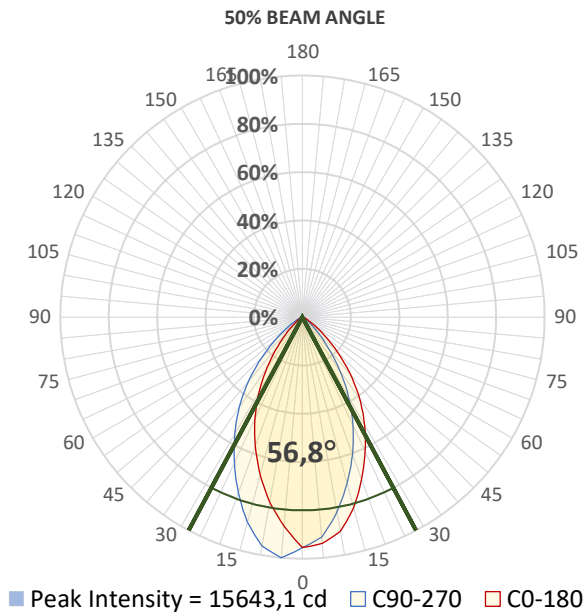
Report Summary



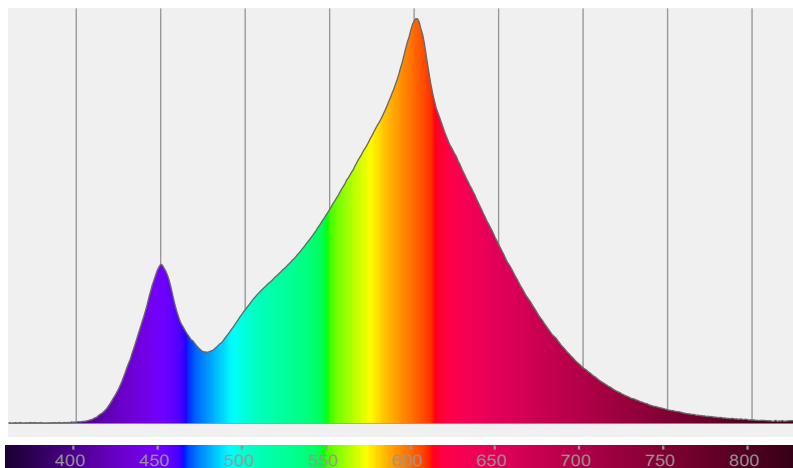
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 15009 lm / 15739 cd	Beam Angle (50%): 56,8°	AC Supply: 224 V / 50 Hz
Fixture Efficiency: 26 lm/W	Field Angle (10%): 96,4°	Power: 566,8 W
Intensity @ 5m: 597 lx	Cutoff Angle (2,5%): 116,5°	Current: 2,66 A
Color Temperature: 3036 K		Power Factor: 0,95
CRI: 78,0		
CRI R9 Value: -19,6		
CQS: 77,9		
TLCI: 58		
TM-30 Rf: 82,2		
TM-30 Rg: 94,3		

Details



Spectral Distribution



CIE 1931

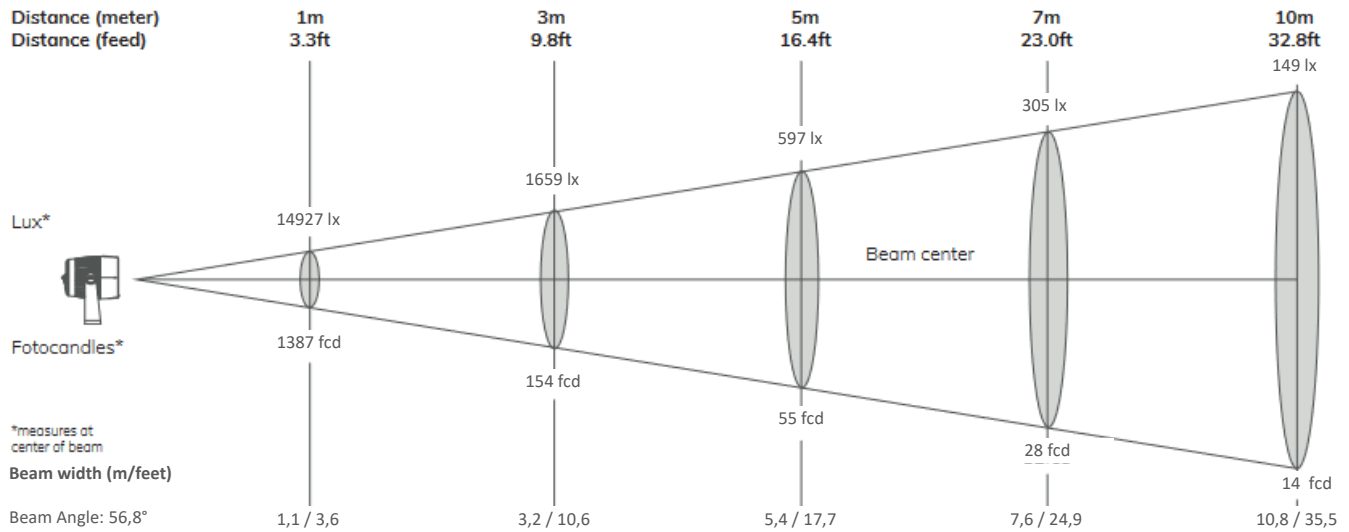
x: 0,434 y: 0,401

Light Quality

CRI: 78,0

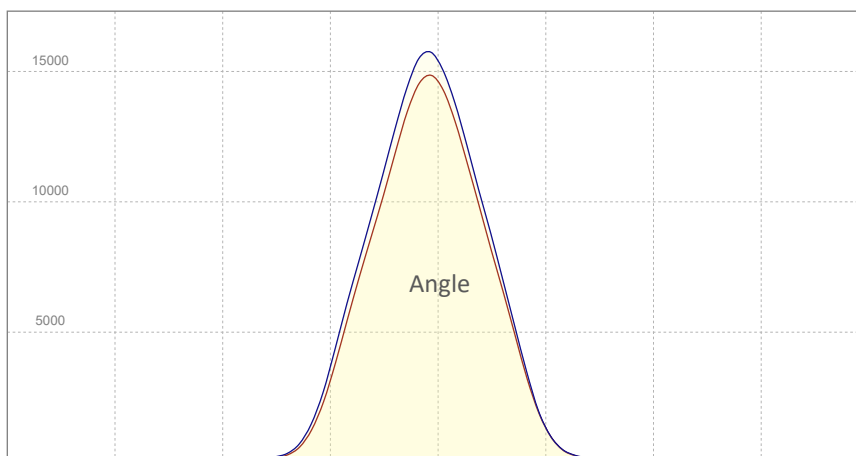
Color Temperature

3036 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: 56,8°	14927/ 1387	1,1/3,6	1659/ 154	3,2/10,6	597/ 55	5,4/17,7	305/ 28	7,6/24,9	149/ 14	10,8/35,5

Candela (cd)

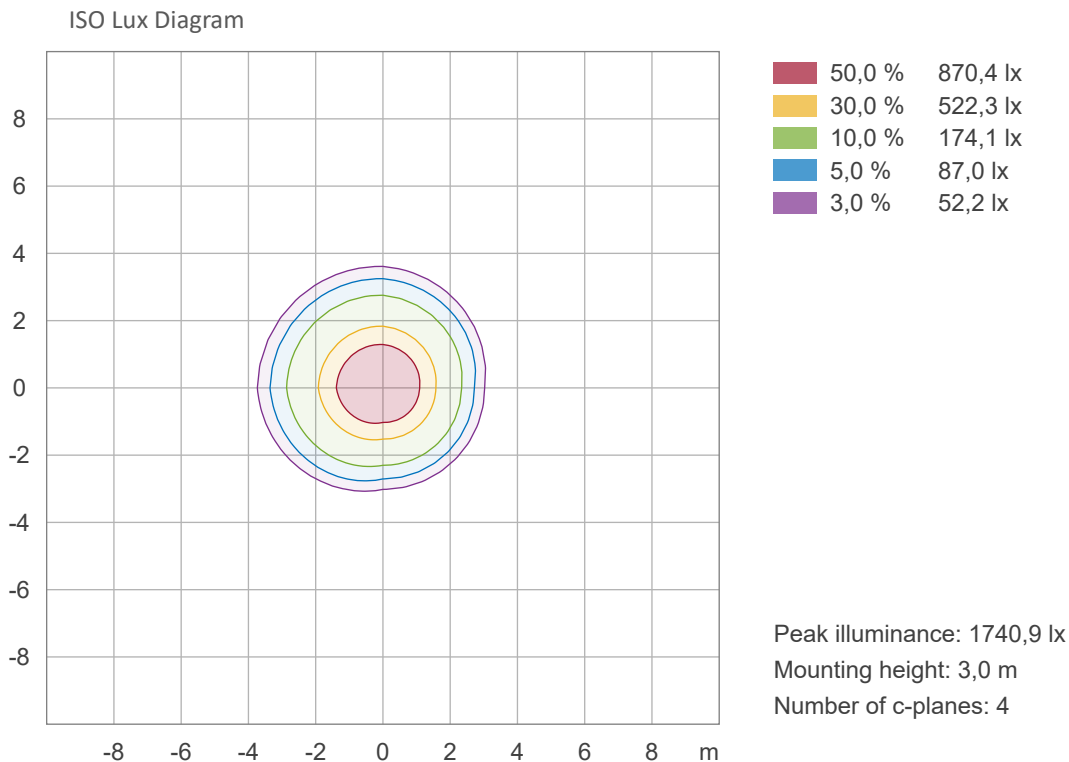
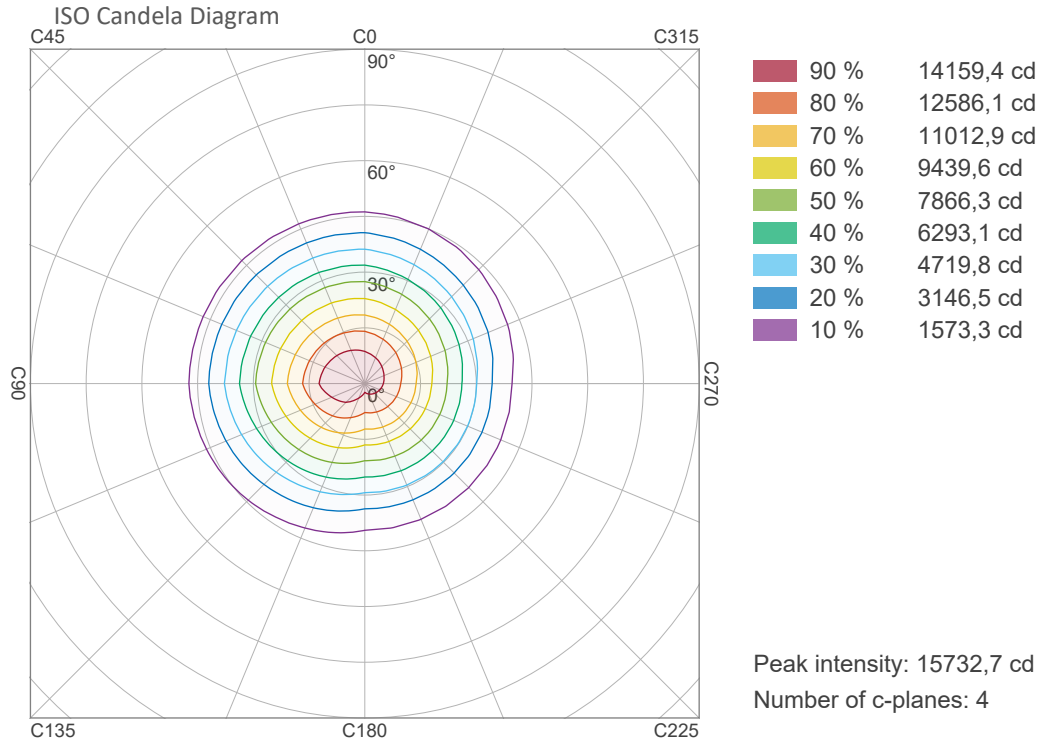


Candela Plot

Vertical Distribution

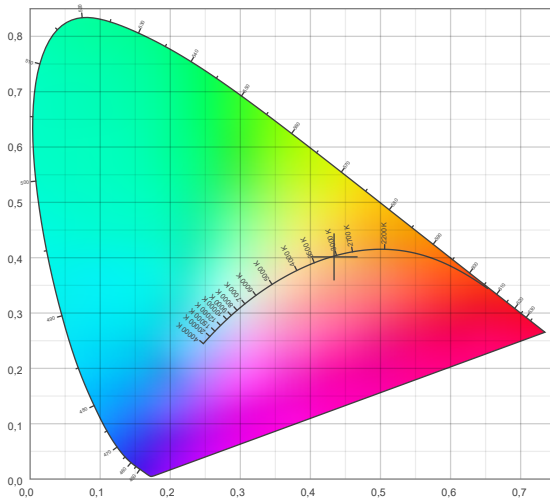
Horizontal Distribution

ISO Diagrams

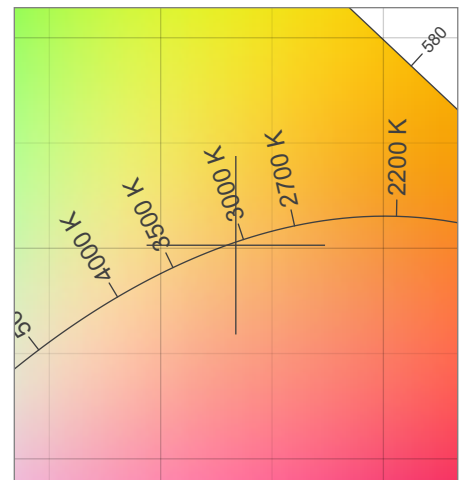


Chromaticity

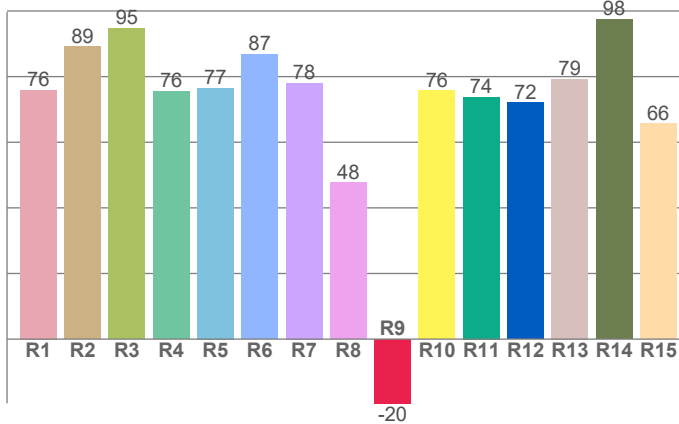
CIE 1931



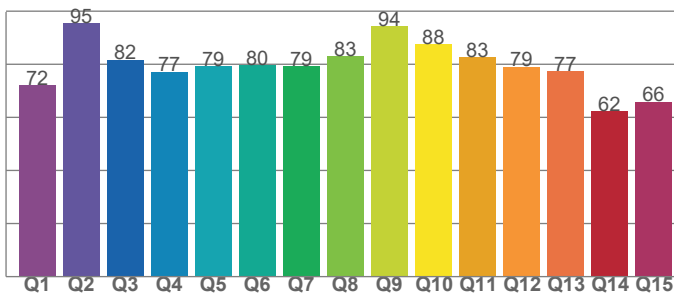
CIE 1931 - Zoom



CRI: 78,0 (R1-R8)



CQS: 77,9



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3036K	0,434	0,401

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
-0,0006	0,250	0,347

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
78,0	-19,6	77,9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
58	82,2	94,3

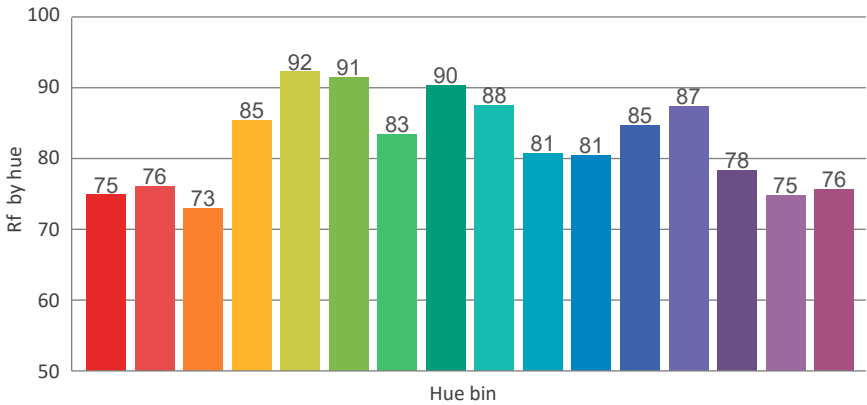
TM30 Details

Rf 82,2

Fidelity Index Rf

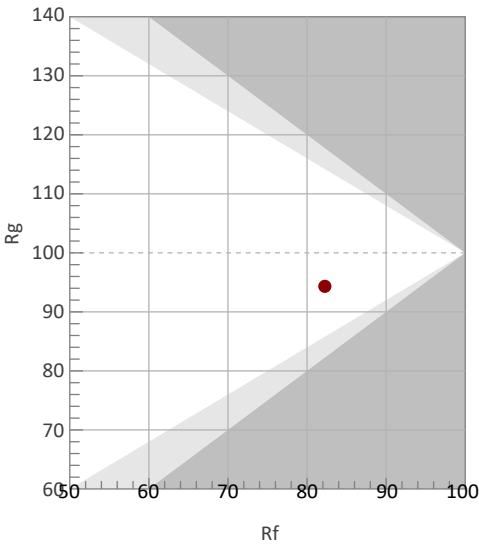
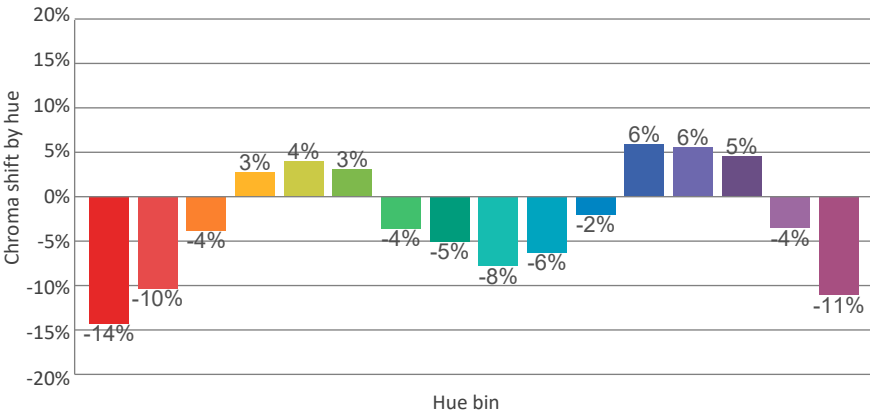
Rg 94,3

Gamut Index Rg

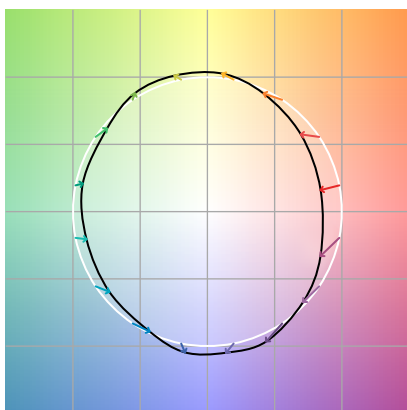


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

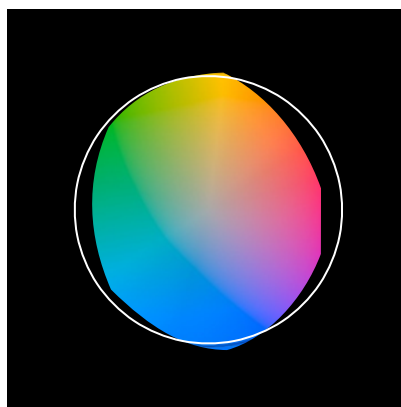
TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

