

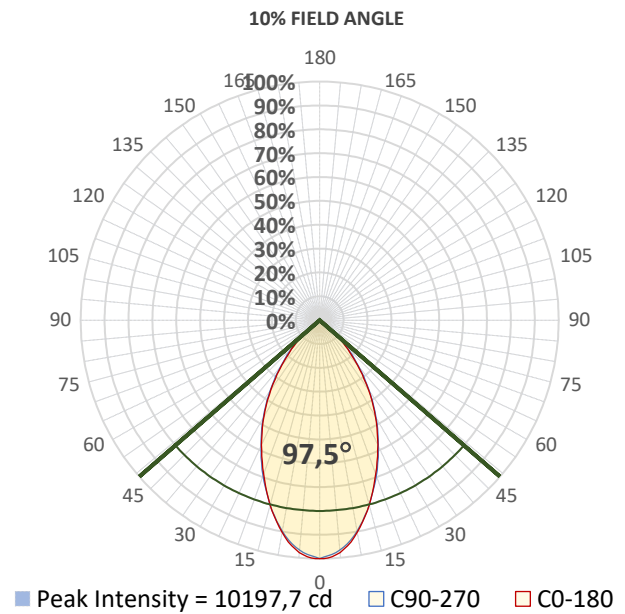
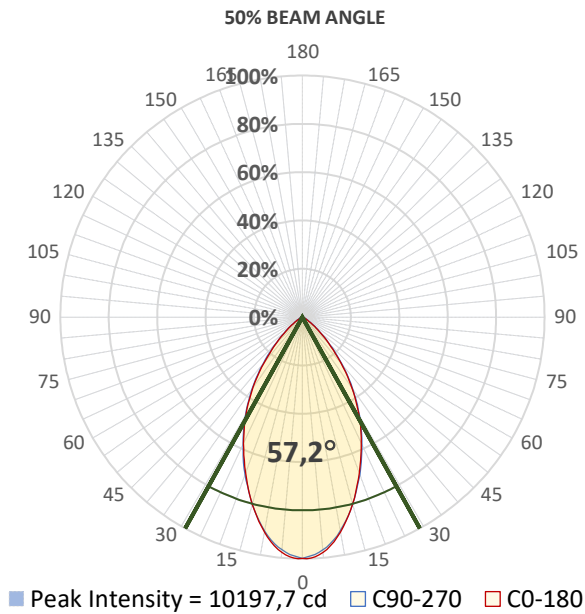
Report Summary



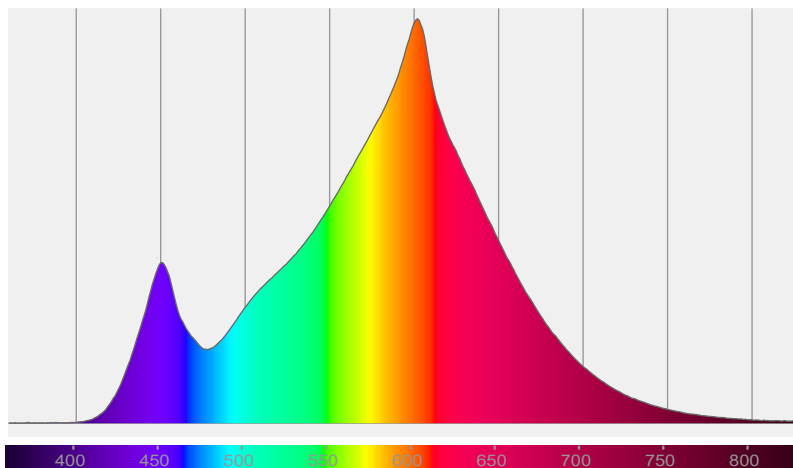
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 10083 lm / 10276 cd	Beam Angle (50%): 57,2°	AC Supply: 225 V / 50 Hz
Fixture Efficiency: 34 lm/W	Field Angle (10%): 97,5°	Power: 294,6 W
Intensity @ 5m: 408 lx	Cutoff Angle (2,5%): 117,9°	Current: 1,40 A
Color Temperature: 3044 K		Power Factor: 0,93
CRI: 78,5		
CRI R9 Value: -16,9		
CQS: 78,3		
TLCI: 59		
TM-30 Rf: 82,6		
TM-30 Rg: 94,4		

Details



Spectral Distribution



CIE 1931

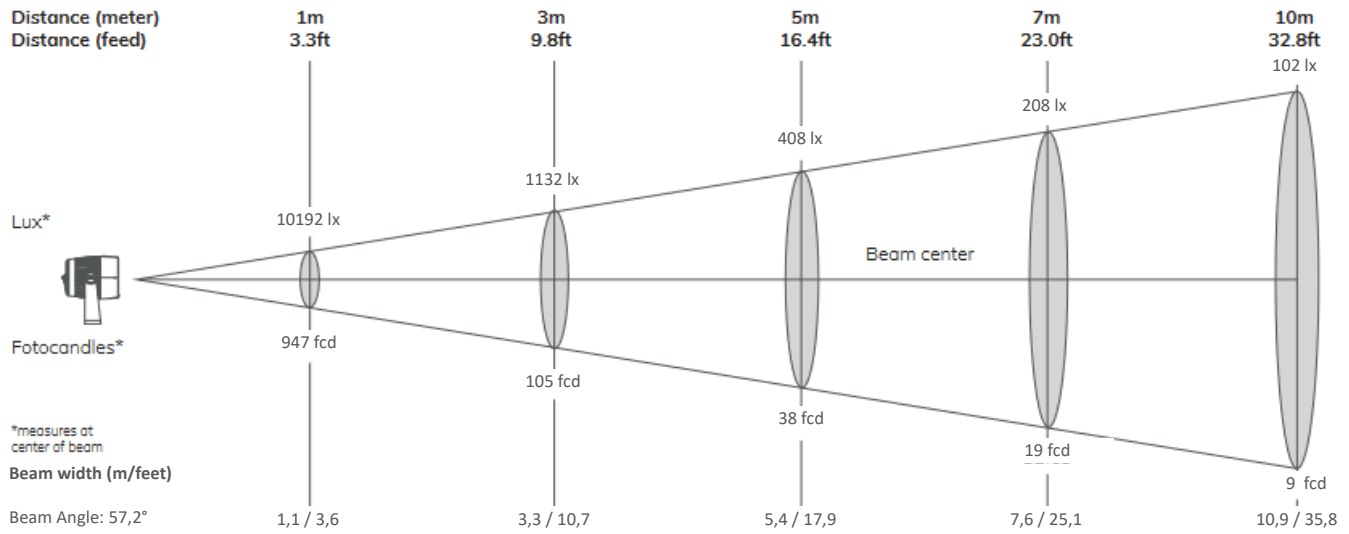
x: 0,433 y: 0,401

Light Quality

CRI: 78,5

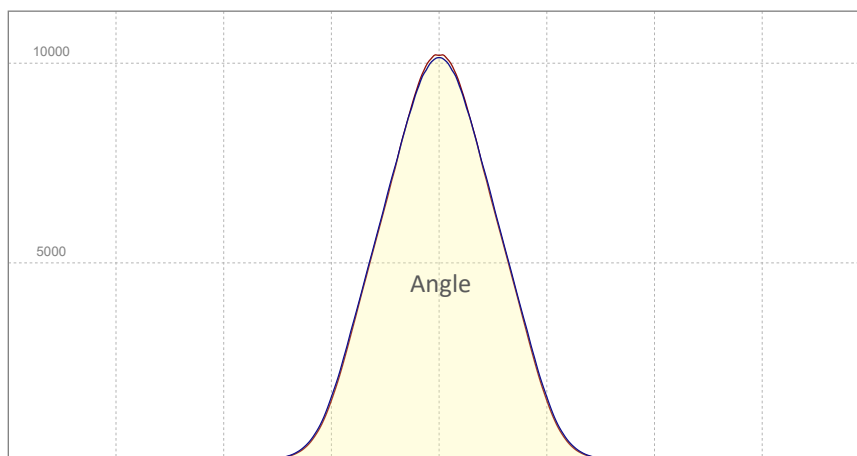
Color Temperature

3044 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: 57,2°	10192/ 947	1,1/3,6	1132/ 105	3,3/10,7	408/ 38	5,4/17,9	208/ 19	7,6/25,1	102/ 9	10,9/35,8

Candela (cd)

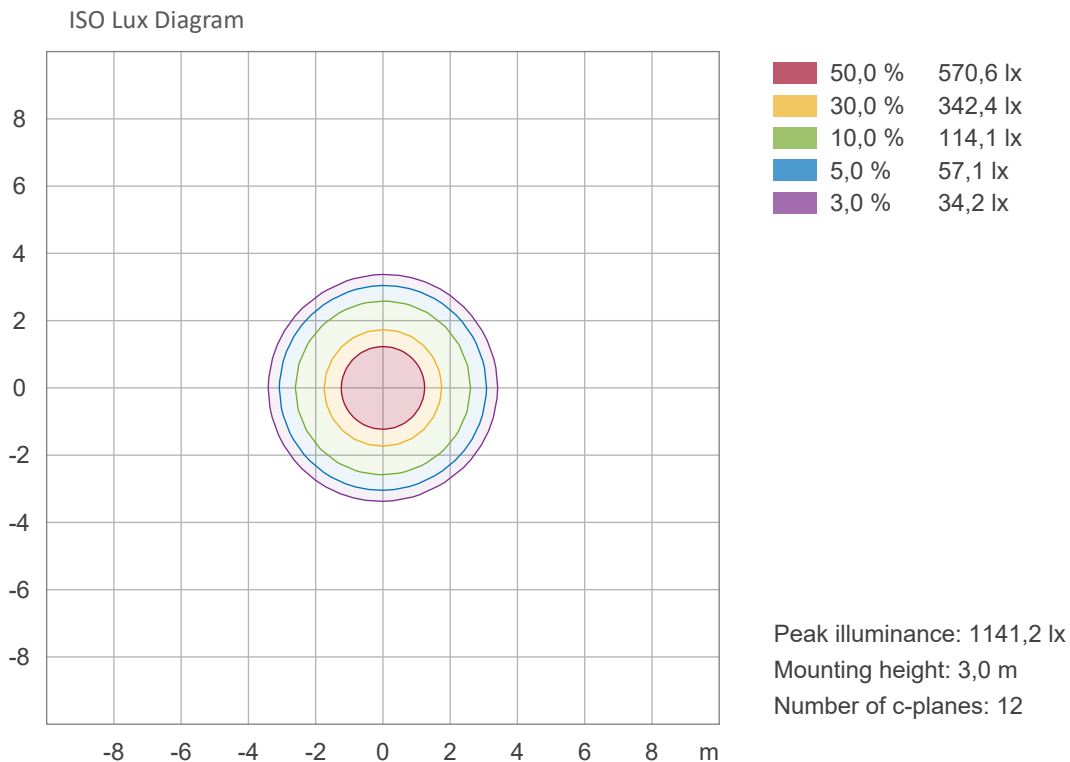
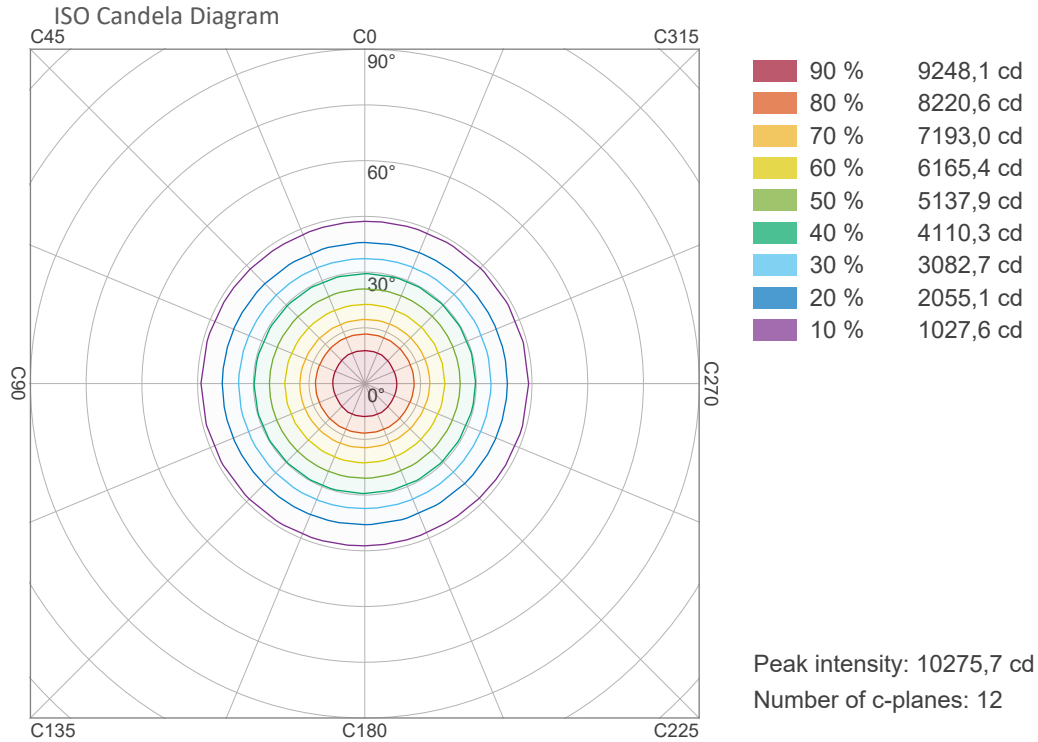


Candela Plot

Vertical Distribution

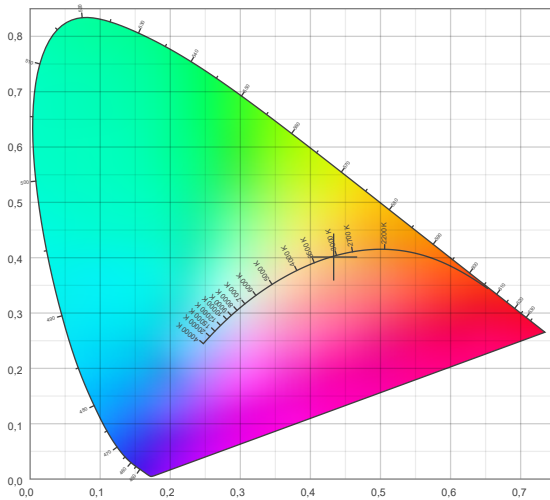
Horizontal Distribution

ISO Diagrams

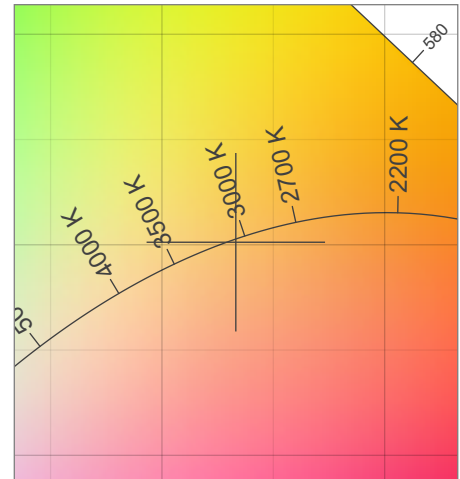


Chromaticity

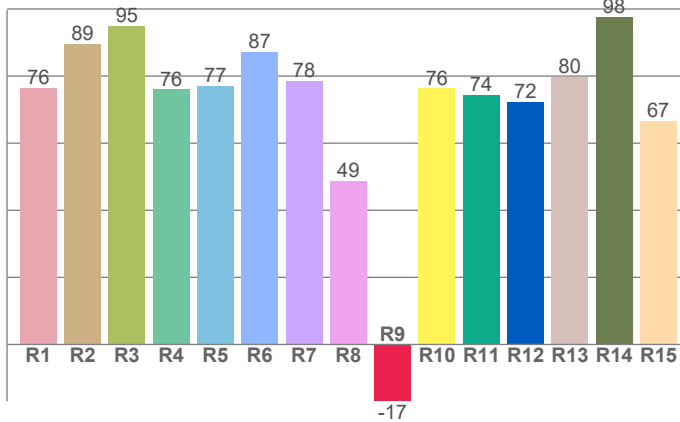
CIE 1931



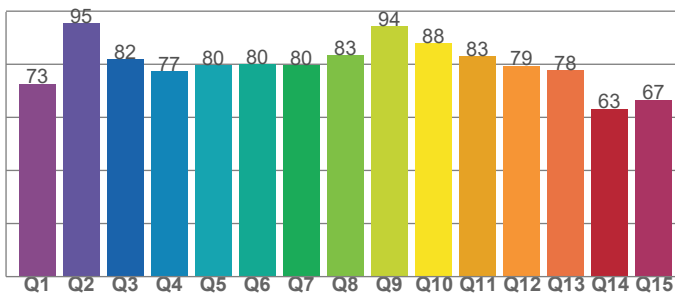
CIE 1931 - Zoom



CRI: 78,5 (R1-R8)



CQS: 78,3



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3044K	0,433	0,401

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
-0,0006	0,249	0,346

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
78,5	-16,9	78,3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 – Rg
59	82,6	94,4

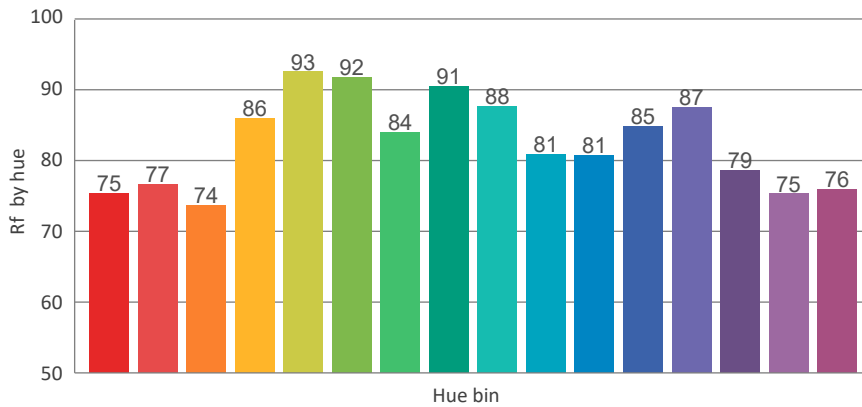
TM30 Details

Rf 82,6

Fidelity Index Rf

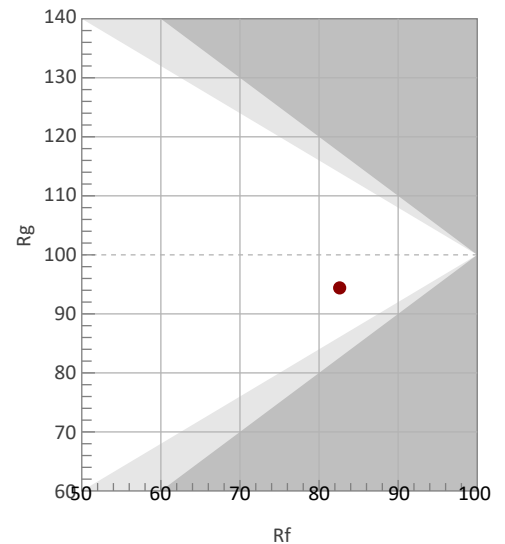
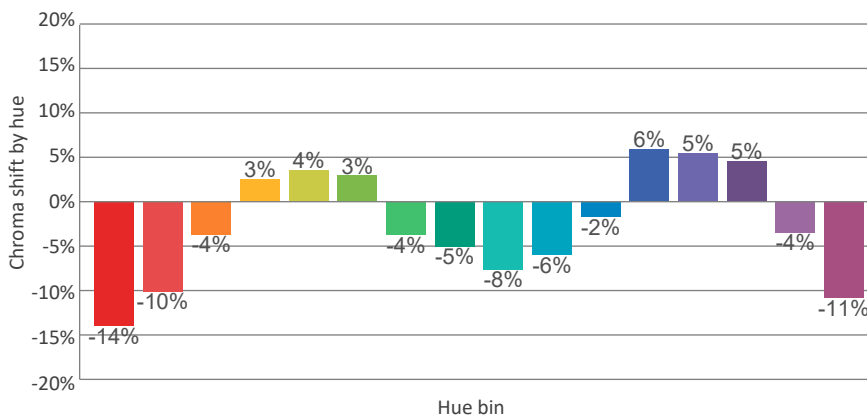
Rg 94,4

Gamut Index Rg

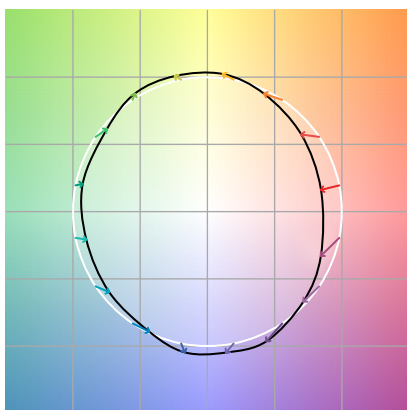


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

