

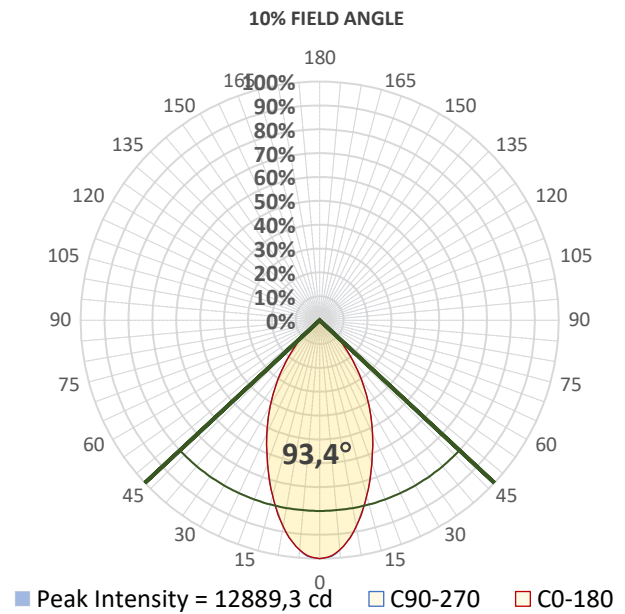
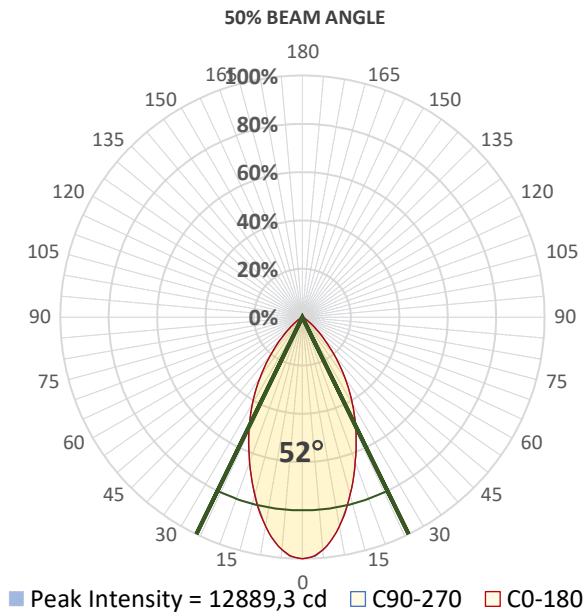
Report Summary



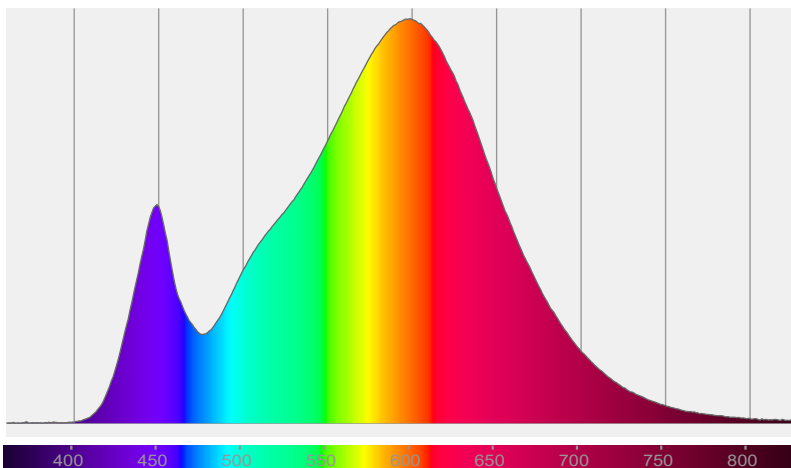
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 11253 lm / 12907 cd	Beam Angle (50%): 52°	AC Supply: 225 V / 50 Hz
Fixture Efficiency: 35 lm/W	Field Angle (10%): 93,4°	Power: 317,3 W
Intensity @ 5m: 516 lx	Cutoff Angle (2,5%): 111,8°	Current: 1,72 A
Color Temperature: 3267 K		Power Factor: 0,82
CRI: 81,1		
CRI R9 Value: 4,4		
CQS: 80,8		
TLCI: 67		
TM-30 Rf: 83,9		
TM-30 Rg: 96,3		

Details



Spectral Distribution



CIE 1931

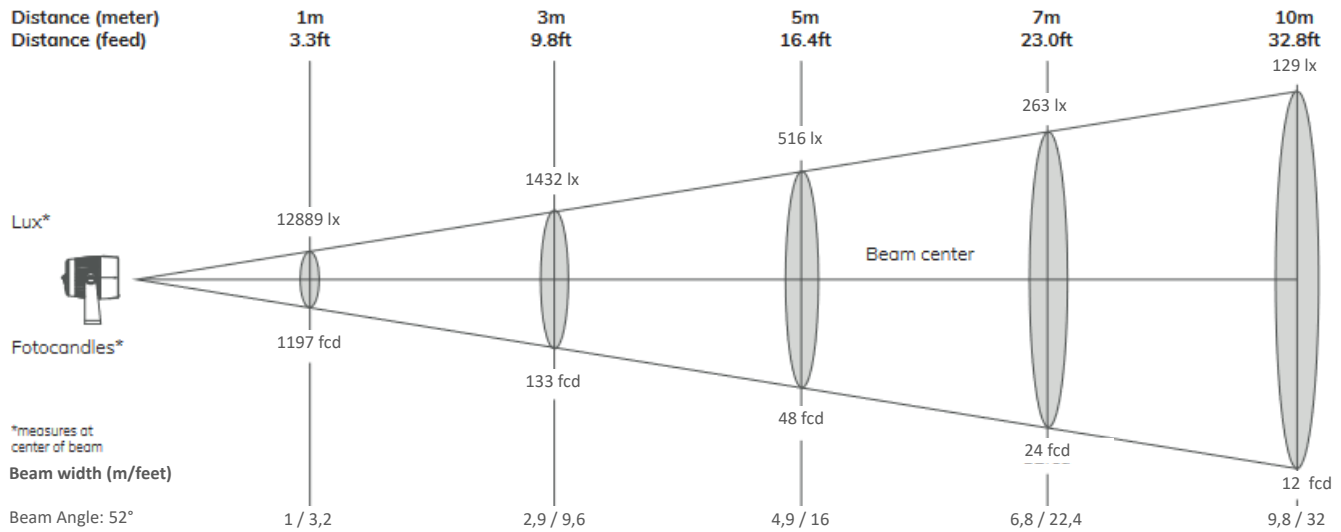
x: 0,420 y: 0,399

Light Quality

CRI: 81,1

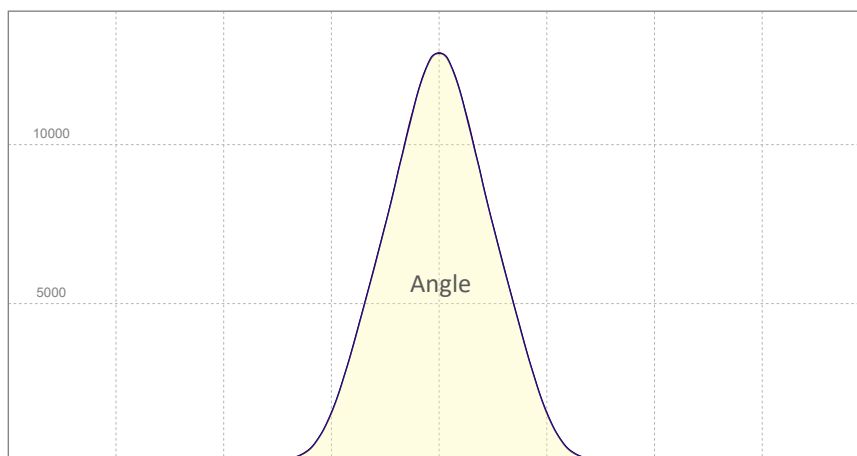
Color Temperature

3267 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: 52°	12889/ 1197	1/3,2	1432/ 133	2,9/9,6	516/ 48	4,9/16	263/ 24	6,8/22,4	129/ 12	9,8/32

Candela (cd)

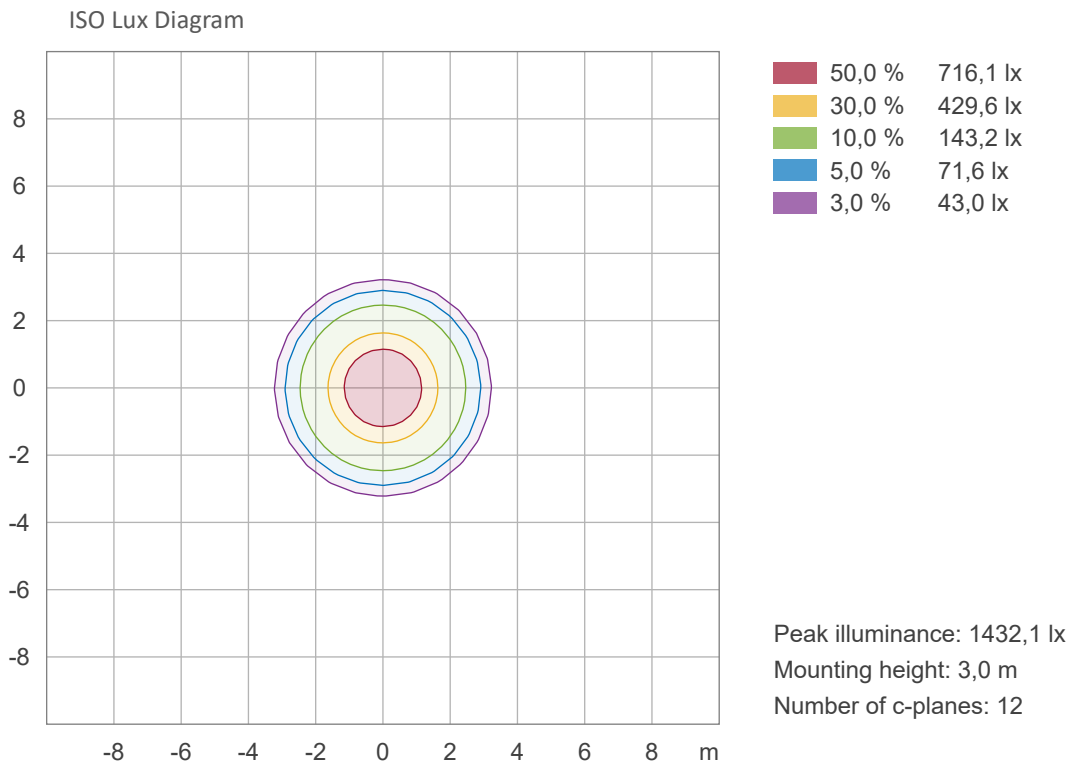
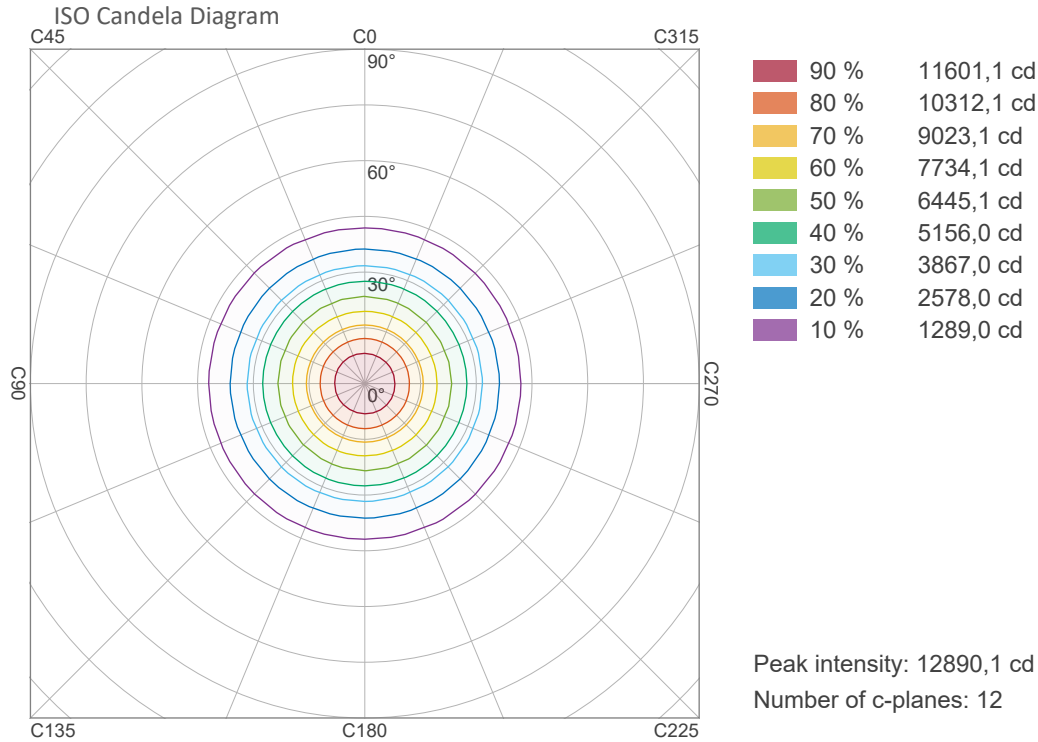


Candela Plot

Vertical Distribution

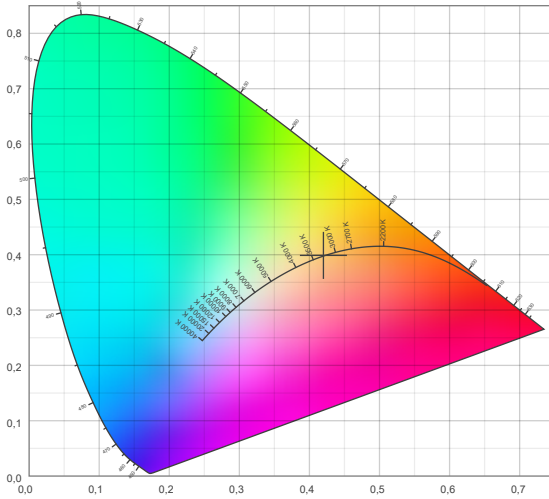
Horizontal Distribution

ISO Diagrams

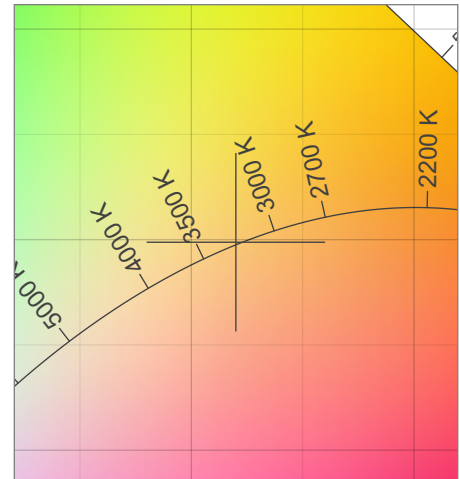


Chromaticity

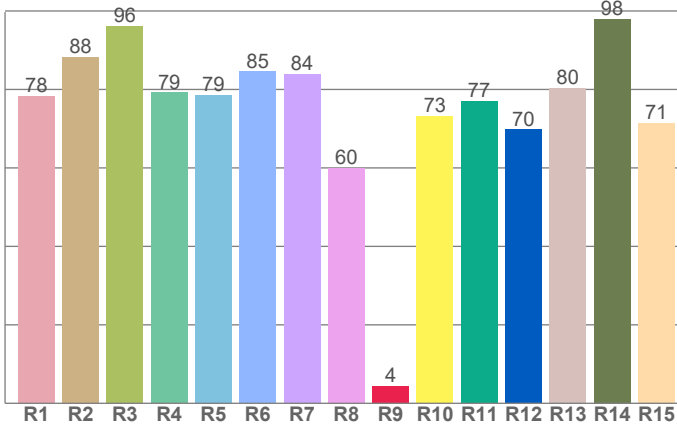
CIE 1931



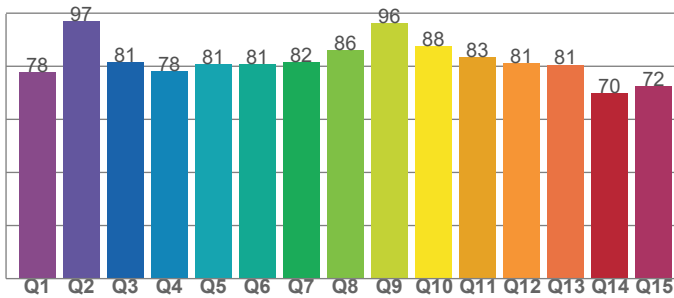
CIE 1931 - Zoom



CRI: 81,1 (R1-R8)



CQS: 80,8



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3267K	0,420	0,399

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0005	0,242	0,344

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
81,1	4,4	80,8

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
67	83,9	96,3

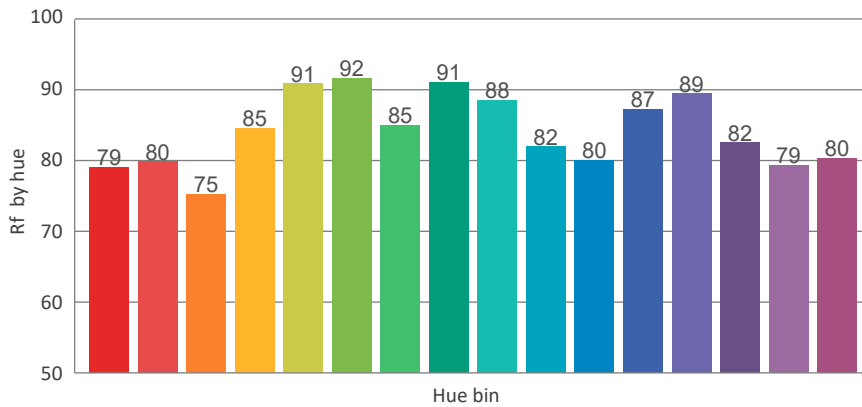
TM30 Details

Rf 83,9

Fidelity Index Rf

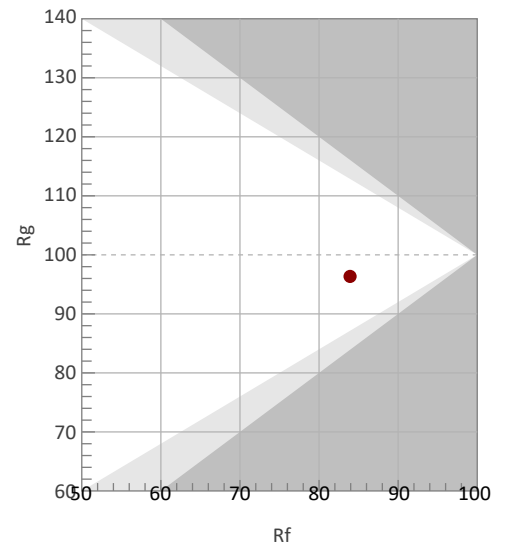
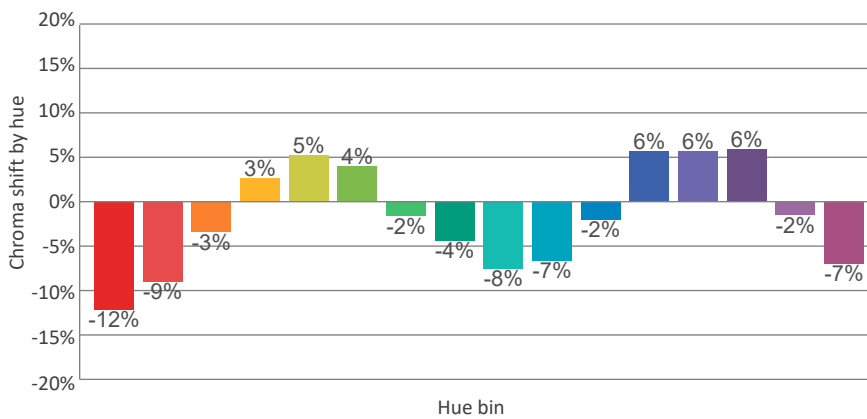
Rg 96,3

Gamut Index Rg

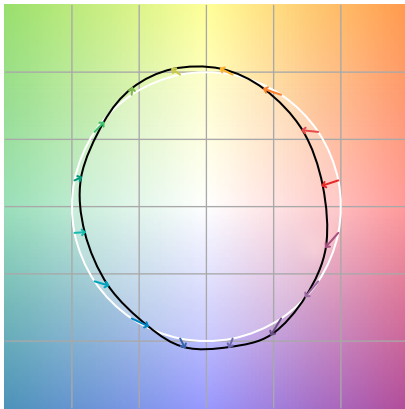


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

