

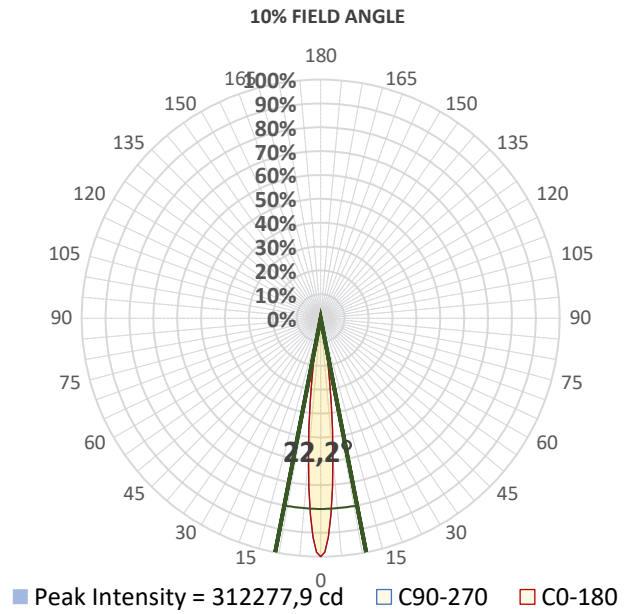
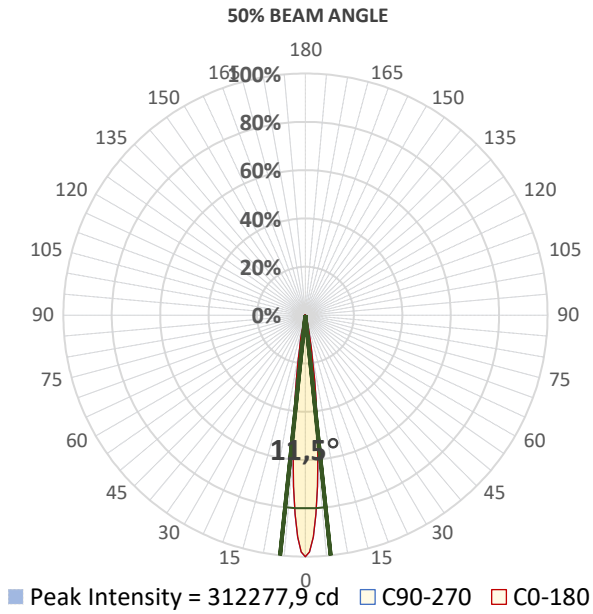
## Report Summary



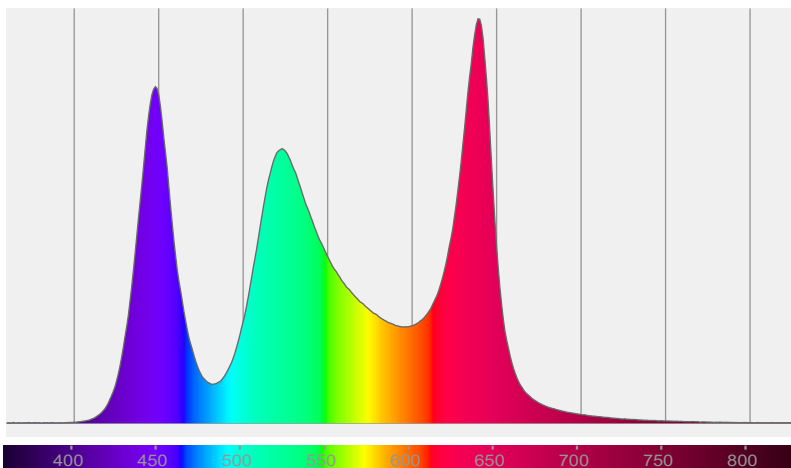
## Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 18473 lm / 312278 cd	Beam Angle (50%): 11,5°	AC Supply: 226 V / 50 Hz
Fixture Efficiency: 35 lm/W	Field Angle (10%): 22,2°	Power: 525,1 W
Intensity @ 5m: 12491 lx	Cutoff Angle (2,5%): 33,1°	Current: 2,39 A
Color Temperature: 5832 K		Power Factor: 0,97
CRI: 75,6		
CRI R9 Value: -11,6		
CQS: 85,9		
TLCI: 64		
TM-30 Rf: 81,8		
TM-30 Rg: 114,6		

## Details



## Spectral Distribution



CIE 1931

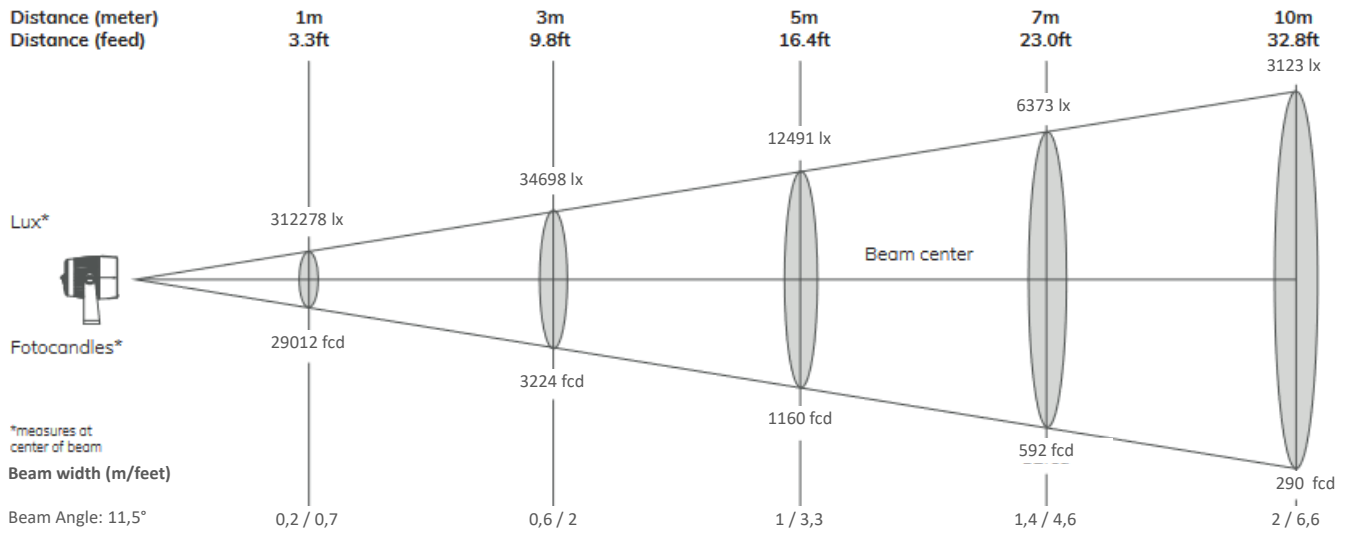
x: 0,325 y: 0,344

Light Quality

CRI: 75,6

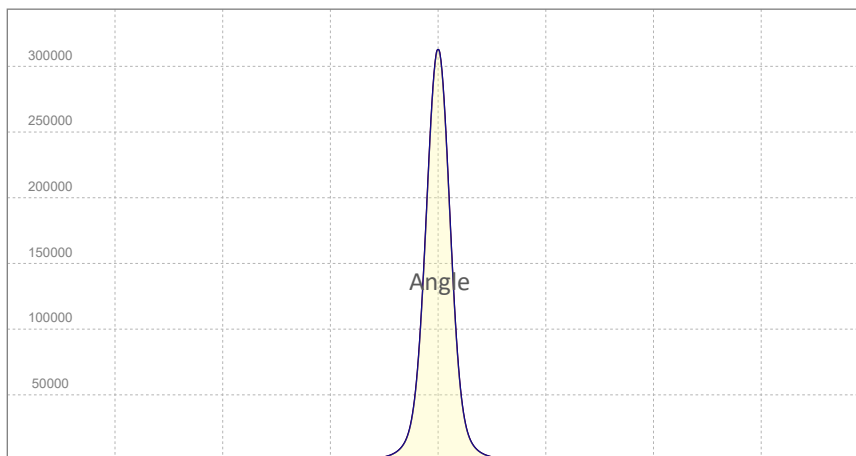
Color Temperature

5832 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: 11,5°	312278/ 29012	0,2/0,7	34698/ 3224	0,6/2	12491/ 1160	1/3,3	6373/ 592	1,4/4,6	3123/ 290	2/6,6

Candela (cd)

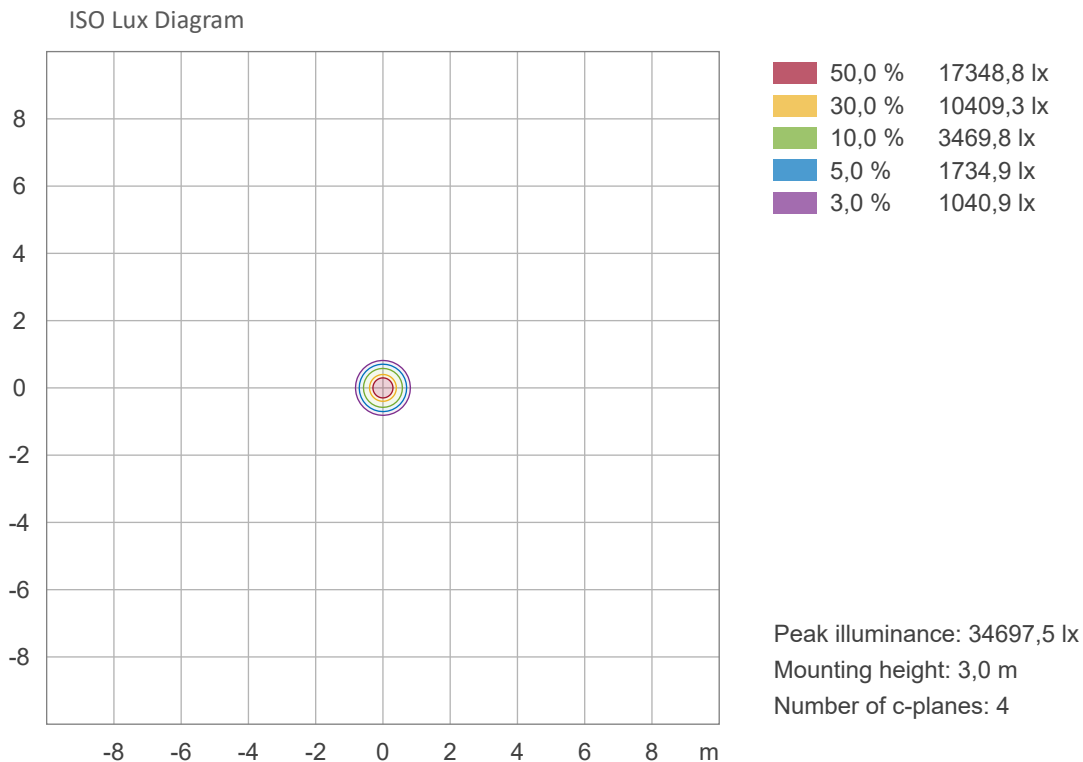
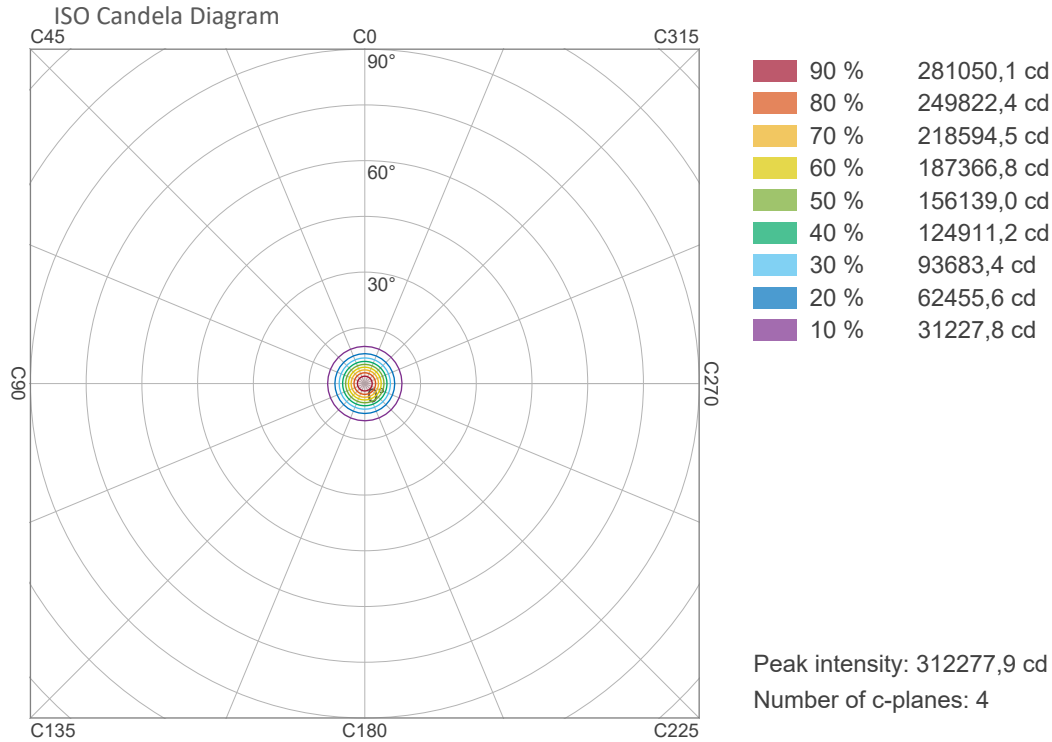


Candela Plot

Vertical Distribution

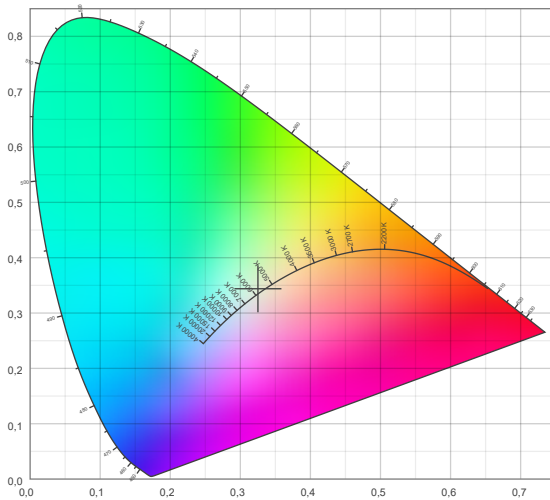
Horizontal Distribution

## ISO Diagrams

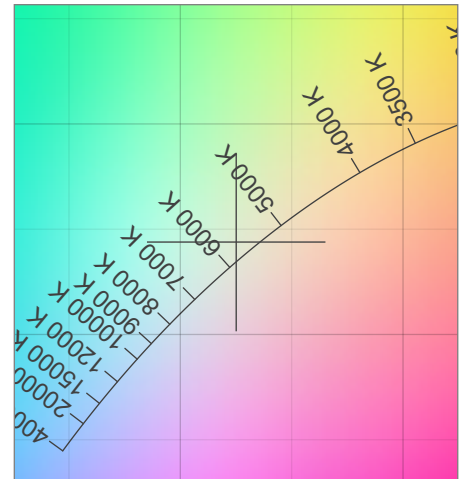


## Chromaticity

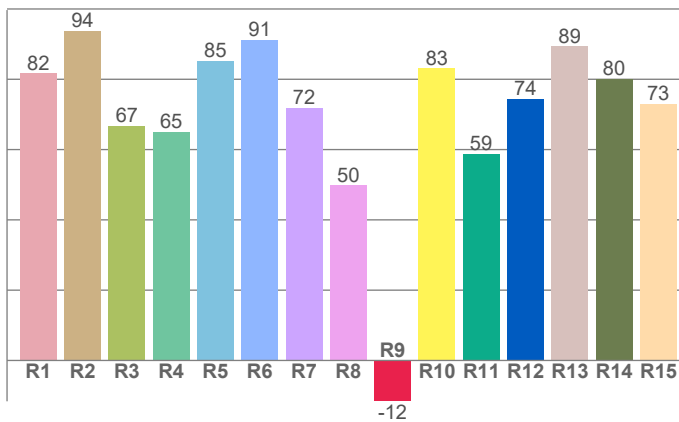
CIE 1931



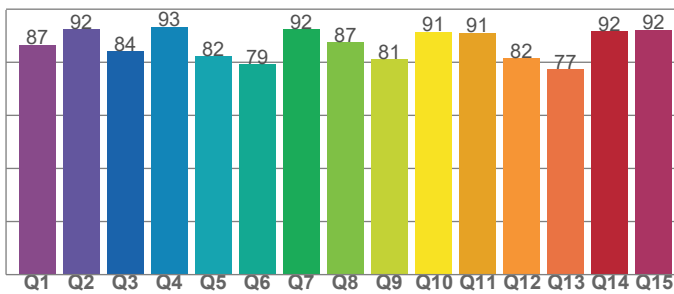
CIE 1931 - Zoom



CRI: 75,6 (R1-R8)



CQS: 85,9



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5832K	0,325	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	u	v
0,0048	0,201	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
75,6	-11,6	85,9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 – Rg
64	81,8	114,6

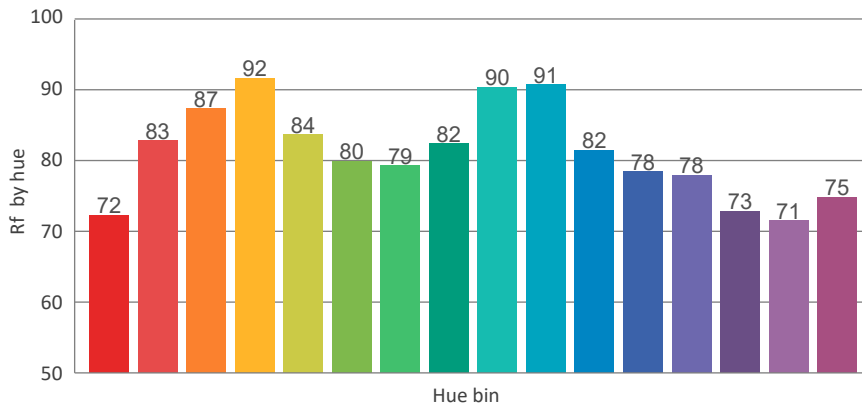
## TM30 Details

**Rf 81,8**

Fidelity Index Rf

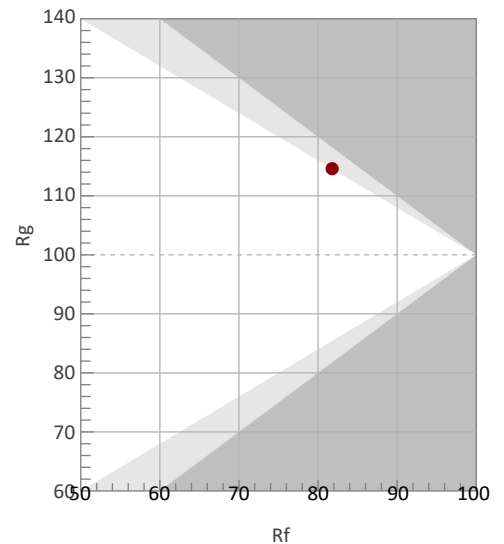
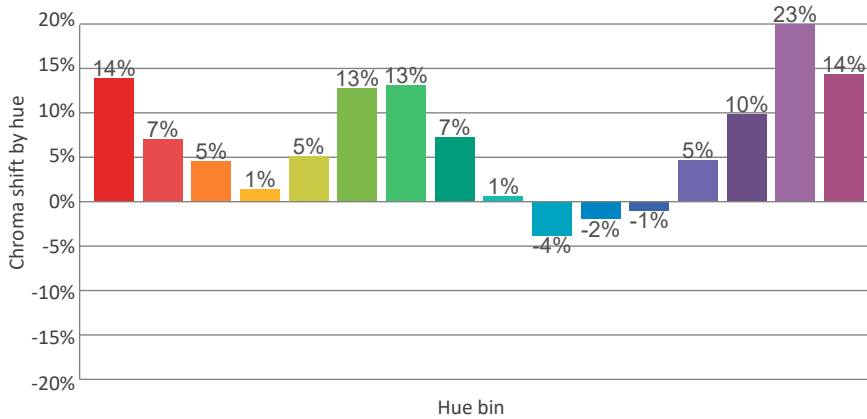
**Rg 114,6**

Gamut Index Rg

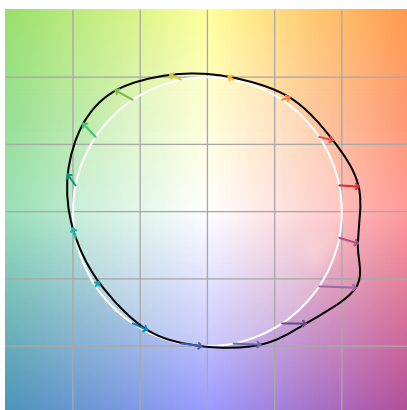


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

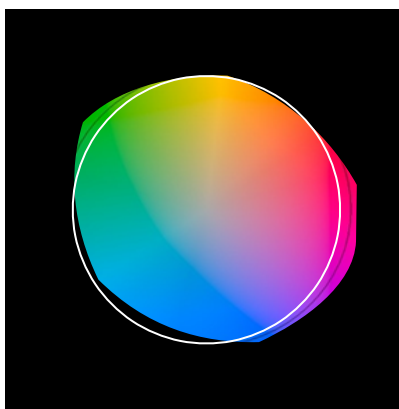
TM30\_BIN\_VALUES\_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

