

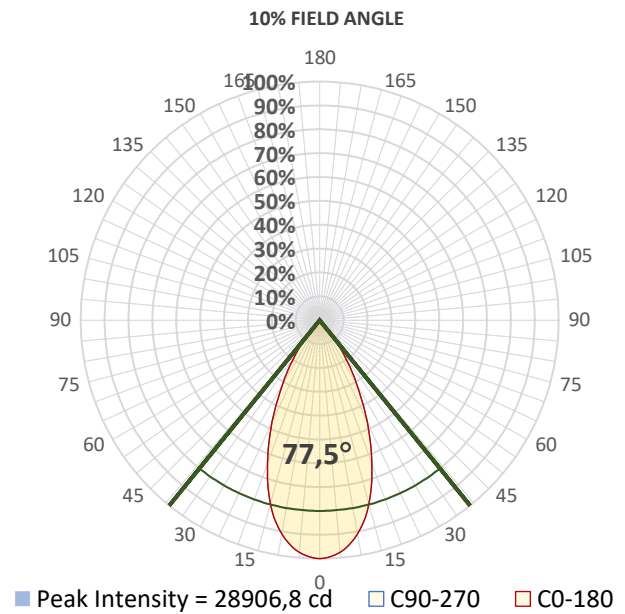
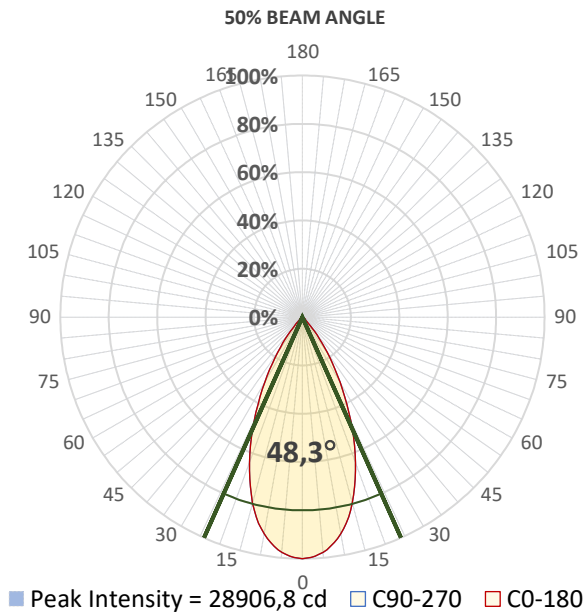
Report Summary



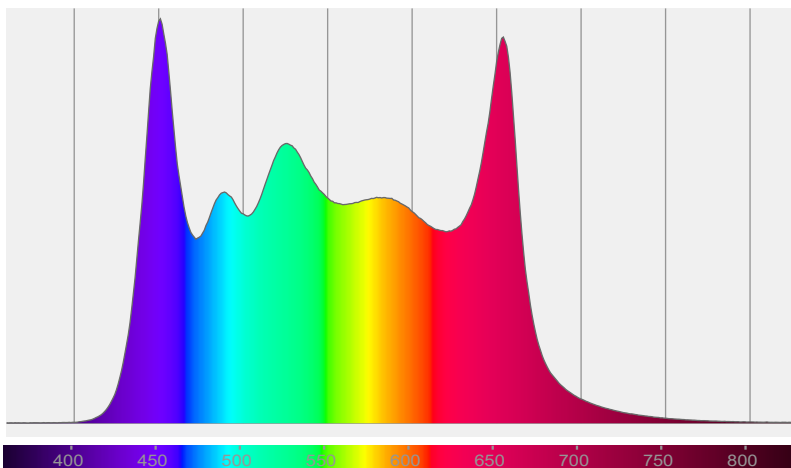
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 19805 lm / 28907 cd	Beam Angle (50%): 48,3°	AC Supply: 223 V / 50 Hz
Fixture Efficiency: 28 lm/W	Field Angle (10%): 77,5°	Power: 703,8 W
Intensity @ 5m: 1156 lx	Cutoff Angle (2,5%): 90,3°	Current: 3,22 A
Color Temperature: 5651 K		Power Factor: 0,98
CRI: 97,2		
CRI R9 Value: 80,5		
CQS: 97,1		
TLCI: 99		
TM-30 Rf: 94,3		
TM-30 Rg: 101,4		

## Details



## Spectral Distribution



CIE 1931

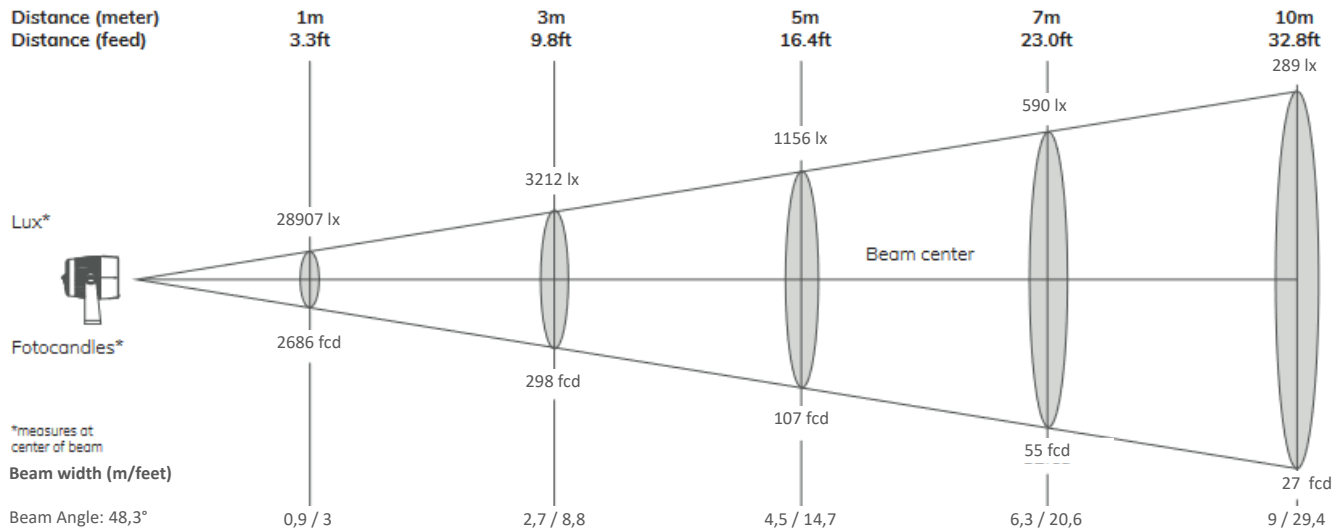
x: 0,329 y: 0,345

Light Quality

CRI: 97,2

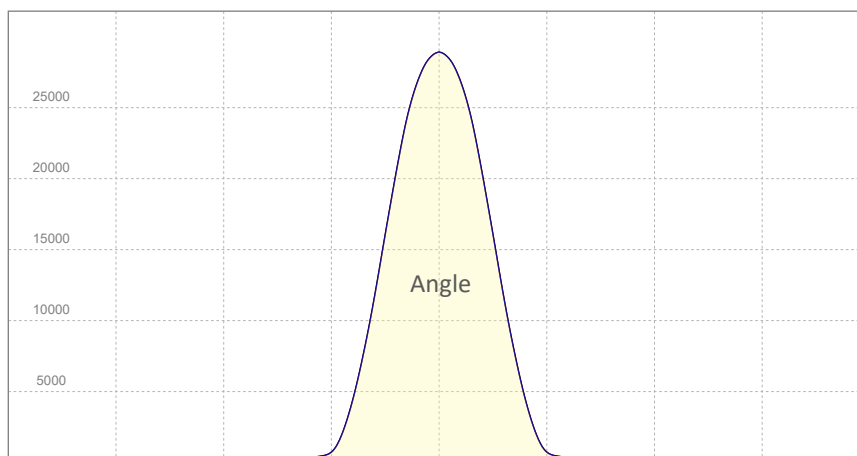
Color Temperature

5651 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: 48,3°	28907/ 2686	0,9/3	3212/ 298	2,7/8,8	1156/ 107	4,5/14,7	590/ 55	6,3/20,6	289/ 27	9/29,4

Candela (cd)

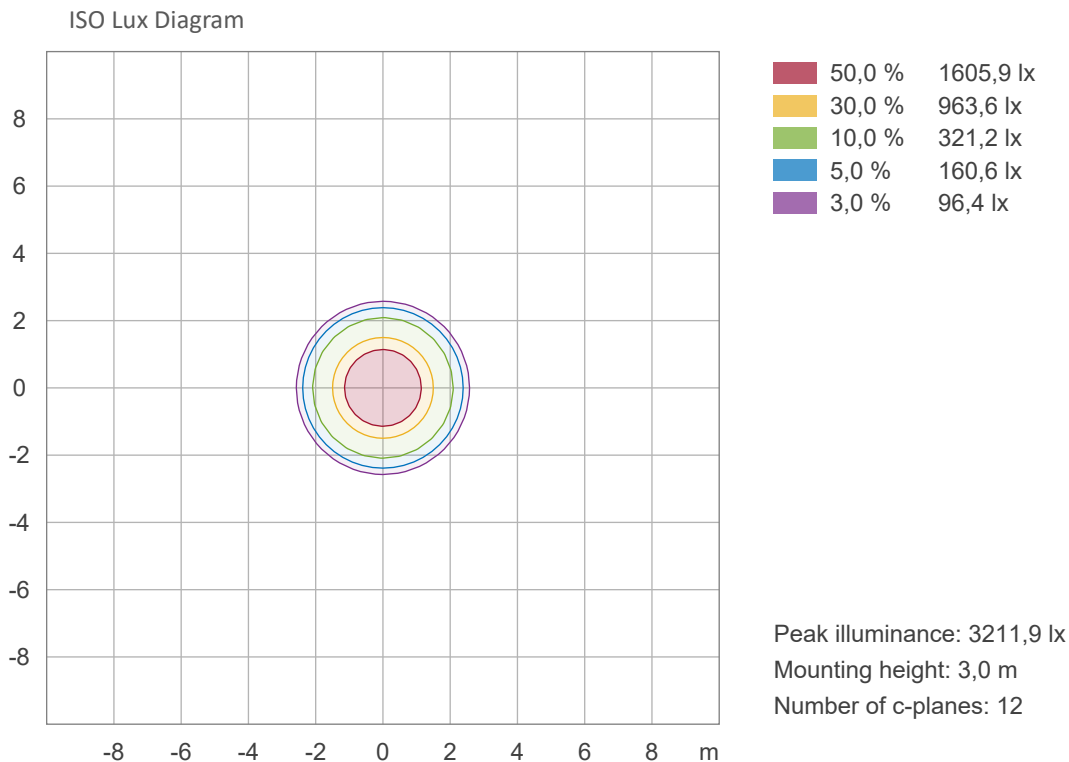
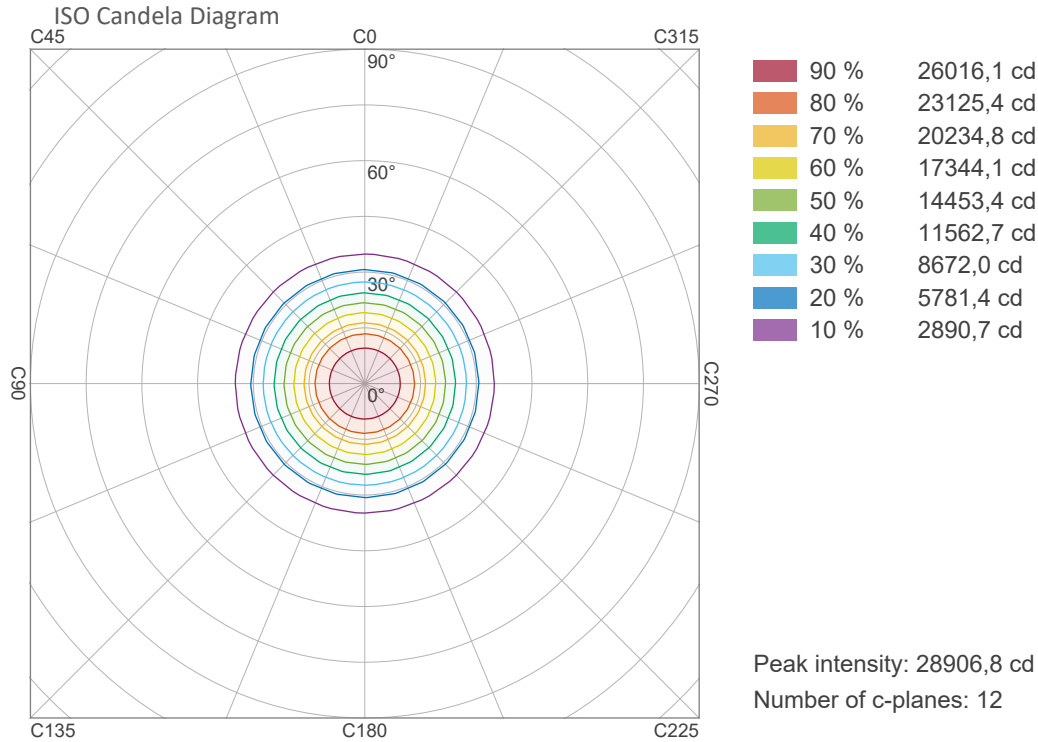


Candela Plot

Vertical Distribution

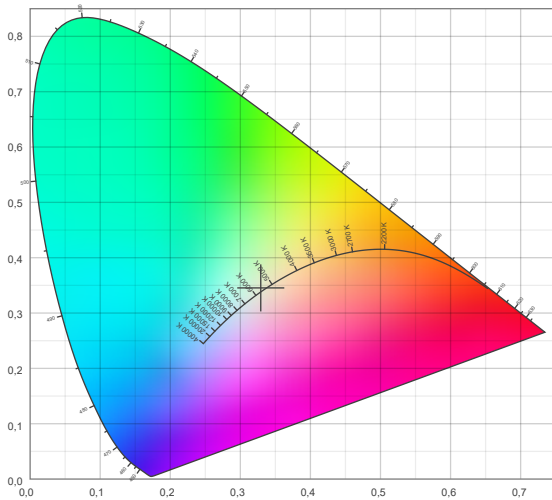
Horizontal Distribution

## ISO Diagrams

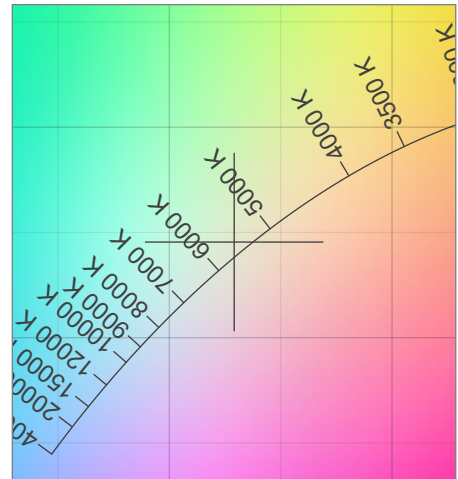


## Chromaticity

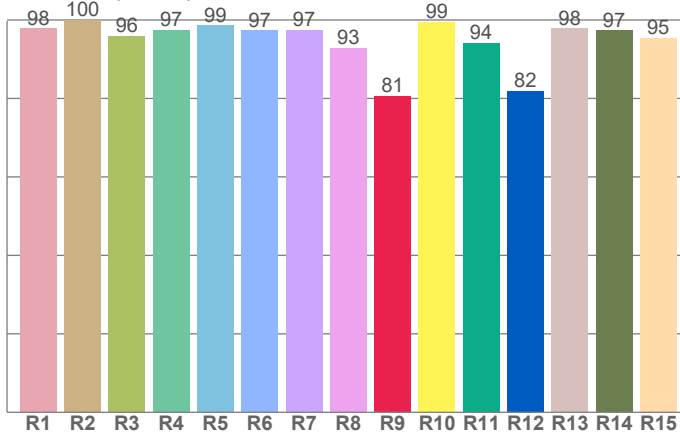
CIE 1931



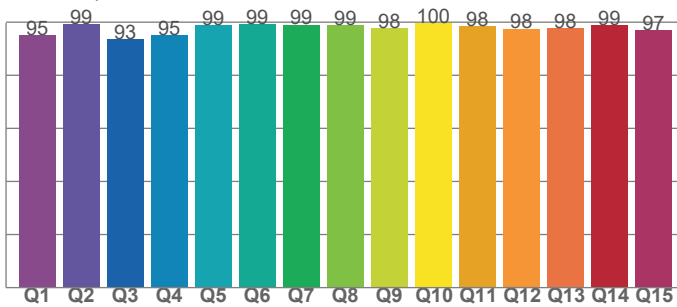
CIE 1931 - Zoom



CRI: 97,2 (R1-R8)



CQS: 97,1



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5651K	0,329	0,345

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	u	v
0,0037	0,203	0,320

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
97,2	80,5	97,1

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

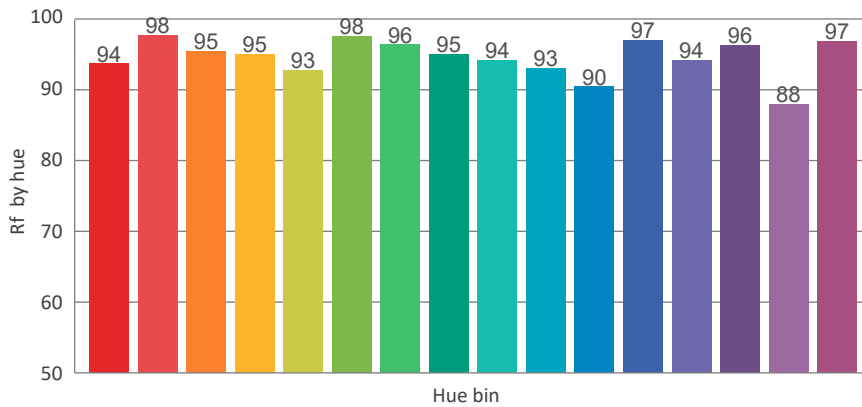
## TM30 Details

**Rf 94,3**

Fidelity Index Rf

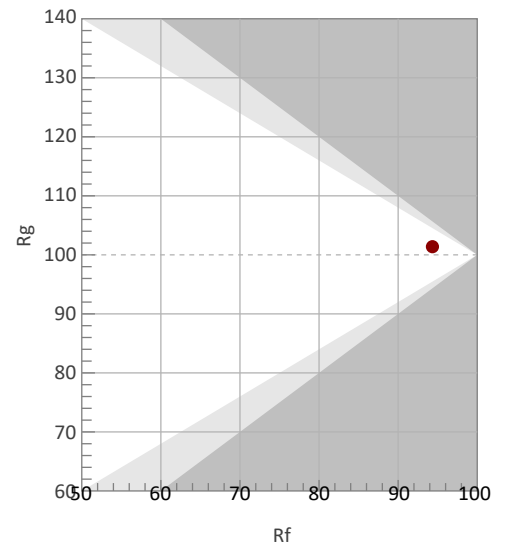
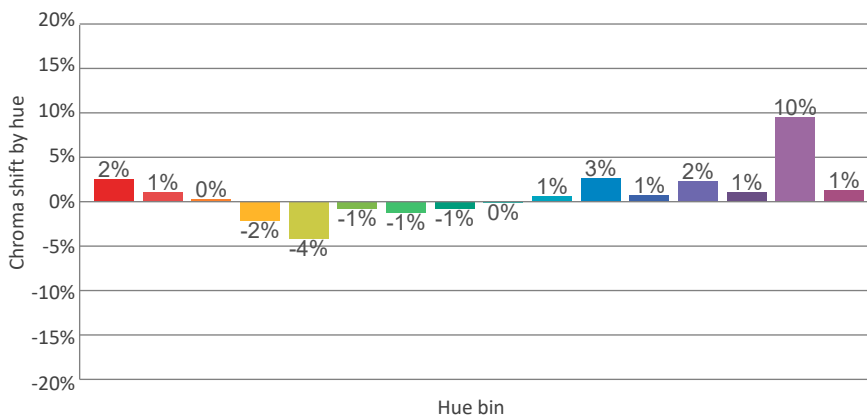
**Rg 101,4**

Gamut Index Rg

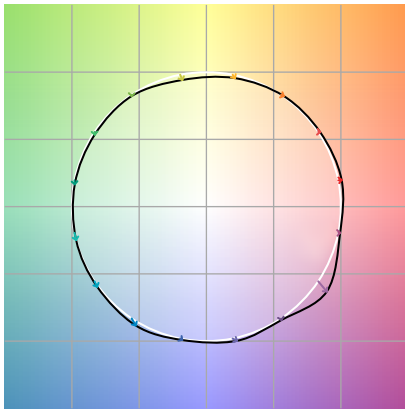


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

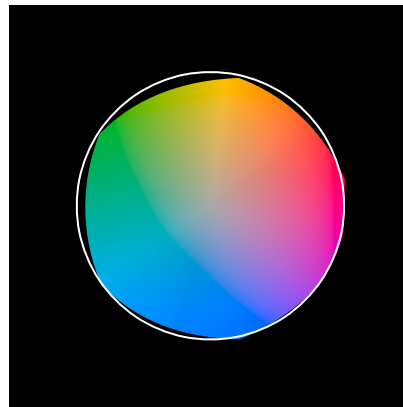
TM30\_BIN\_VALUES\_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

