

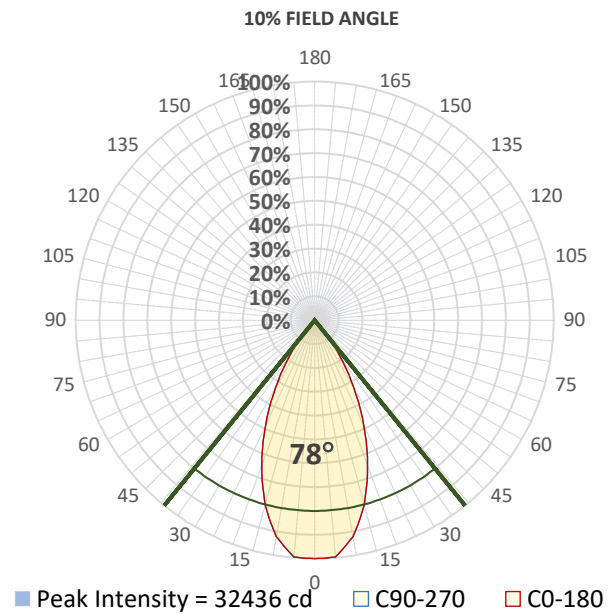
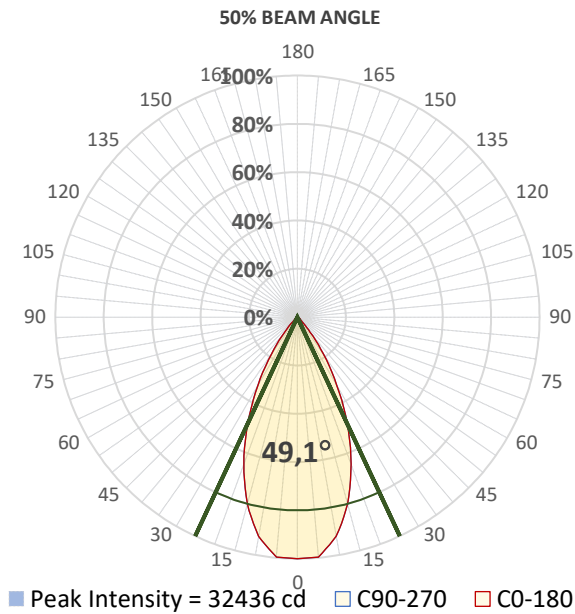
## Report Summary



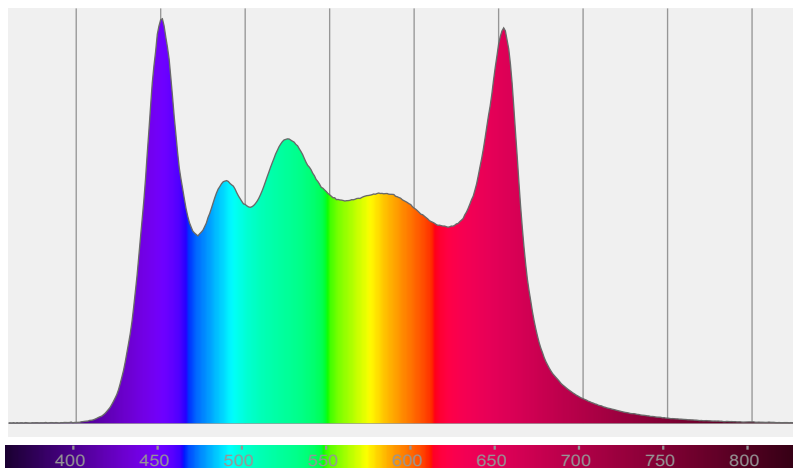
## Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 22758 lm / 32436 cd	Beam Angle (50%): 49,1°	AC Supply: 223 V / 50 Hz
Fixture Efficiency: 28 lm/W	Field Angle (10%): 78°	Power: 810,2 W
Intensity @ 5m: 1297 lx	Cutoff Angle (2,5%): 92°	Current: 3,71 A
Color Temperature: 5621 K		Power Factor: 0,98
CRI: 97,1		
CRI R9 Value: 79,4		
CQS: 97,2		
TLCI: 99		
TM-30 Rf: 94,4		
TM-30 Rg: 101,3		

## Details



## Spectral Distribution



CIE 1931

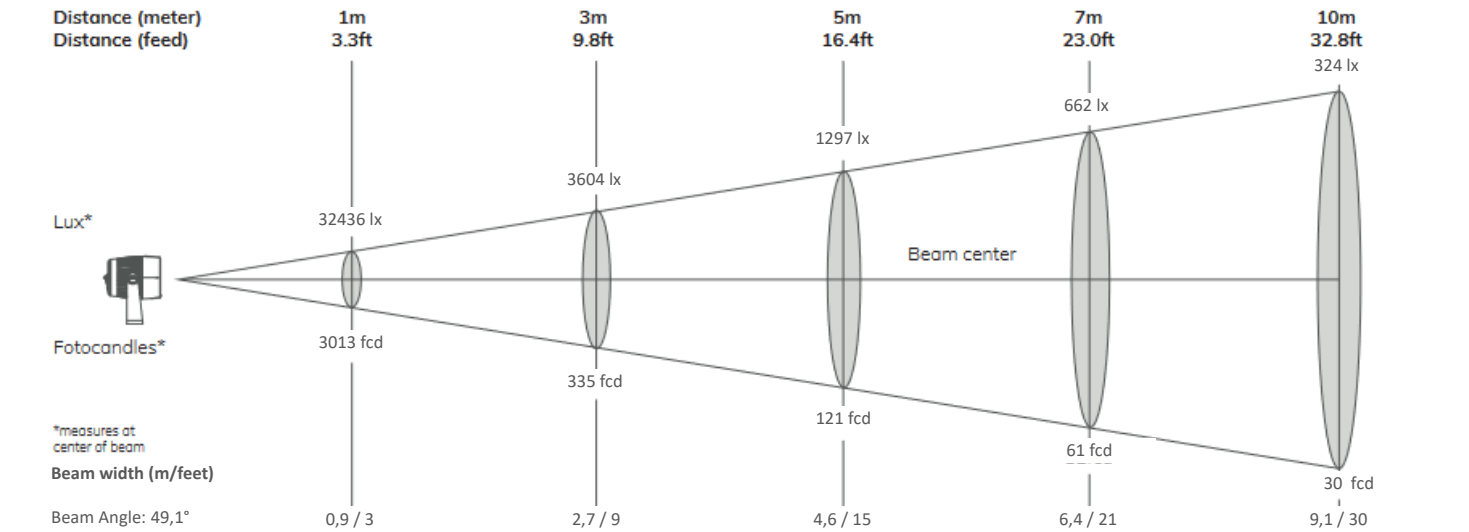
x: 0,330 y: 0,347

Light Quality

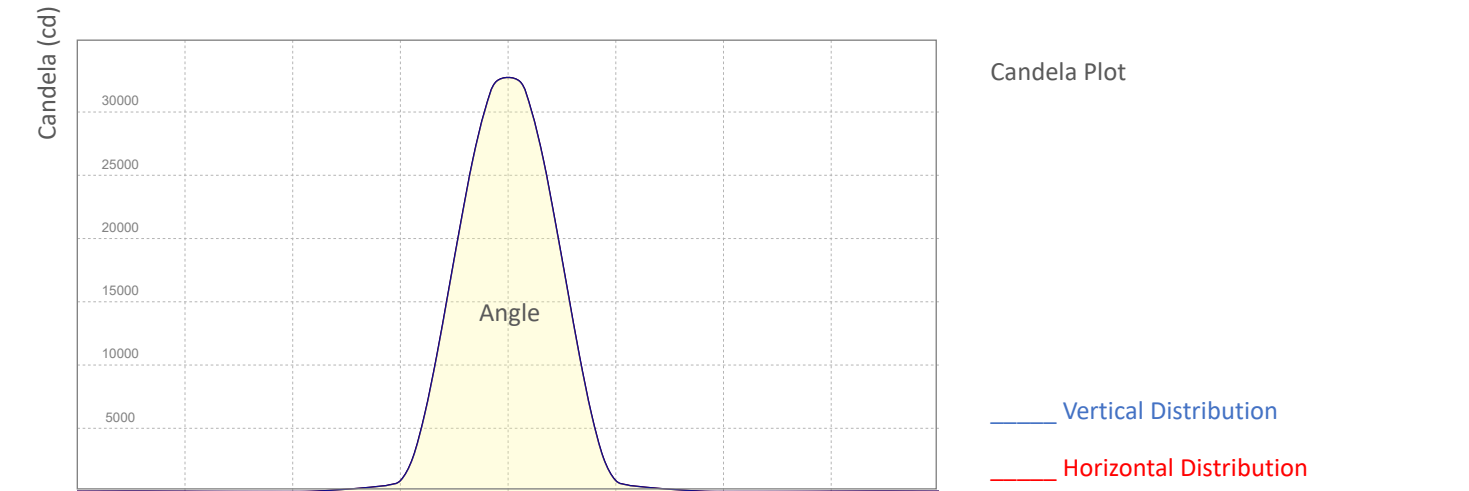
CRI: 97,1

Color Temperature

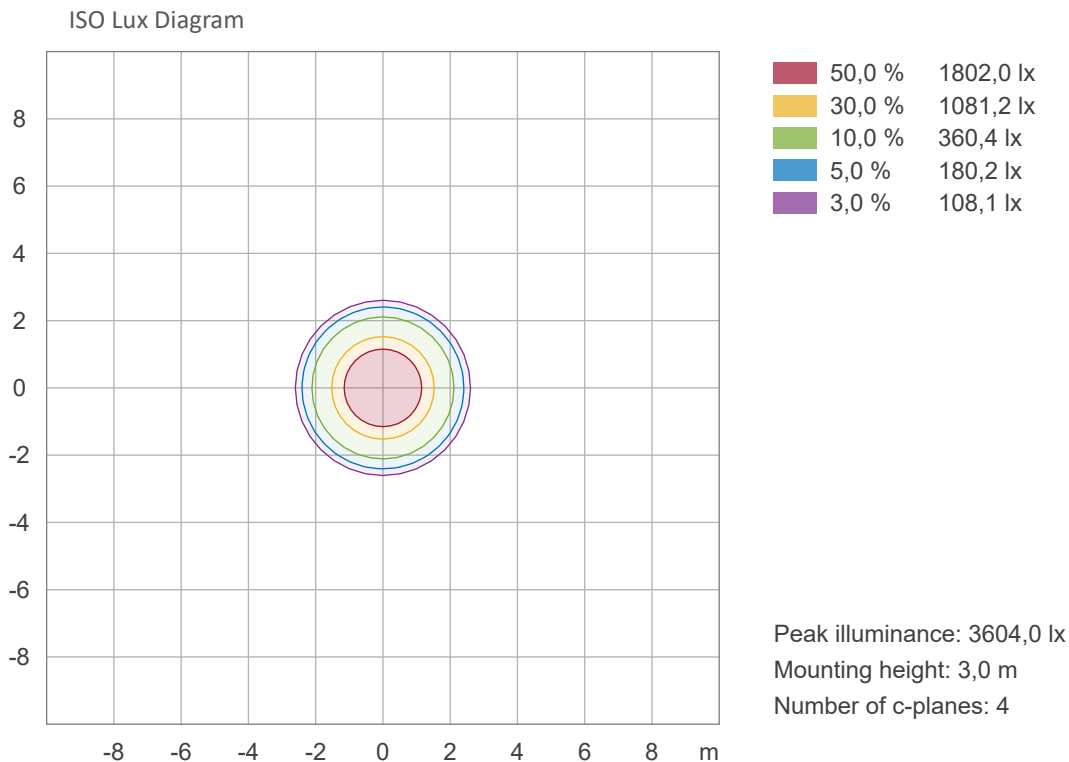
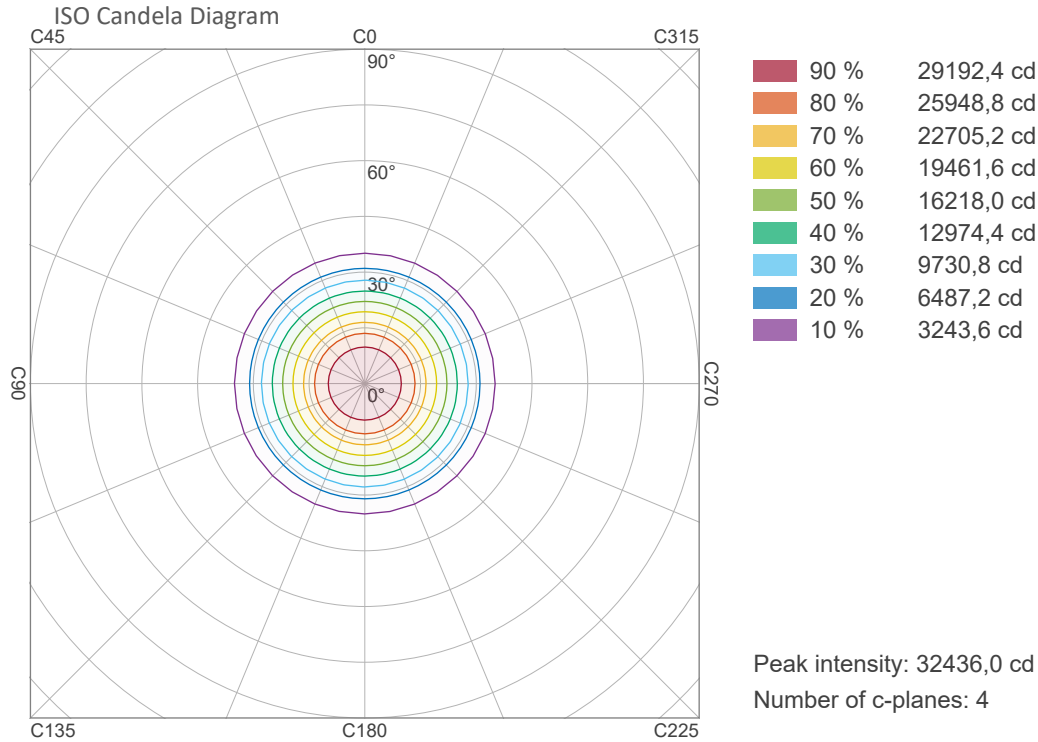
5621 K



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: 49,1°	32436/ 3013	0,9/3	3604/ 335	2,7/9	1297/ 121	4,6/15	662/ 61	6,4/21	324/ 30	9,1/30

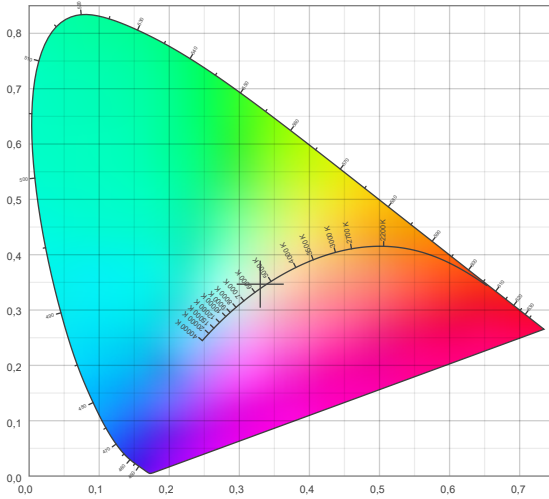


## ISO Diagrams

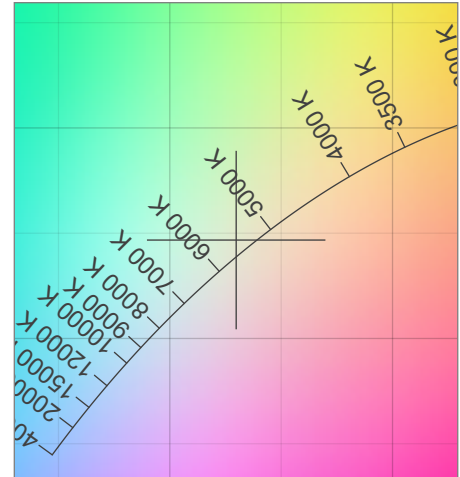


## Chromaticity

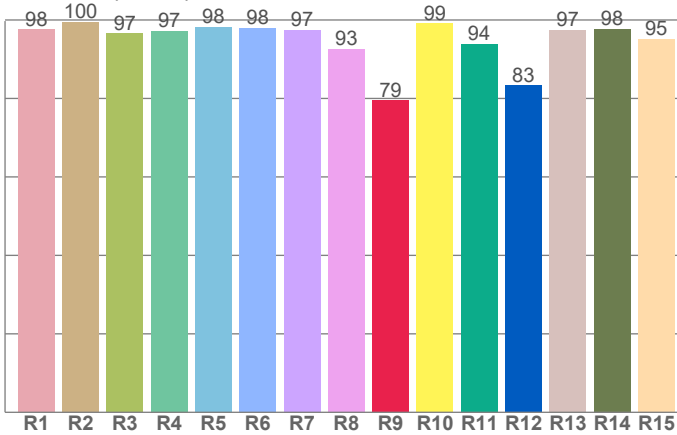
CIE 1931



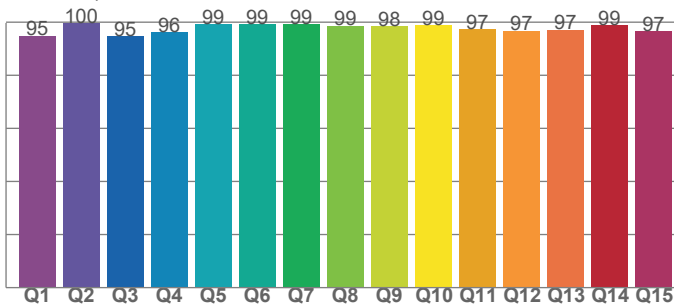
CIE 1931 - Zoom



CRI: 97,1 (R1-R8)



CQS: 97,2



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5621K	0,330	0,347

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	u	v
0,0041	0,203	0,320

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
97,1	79,4	97,2

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

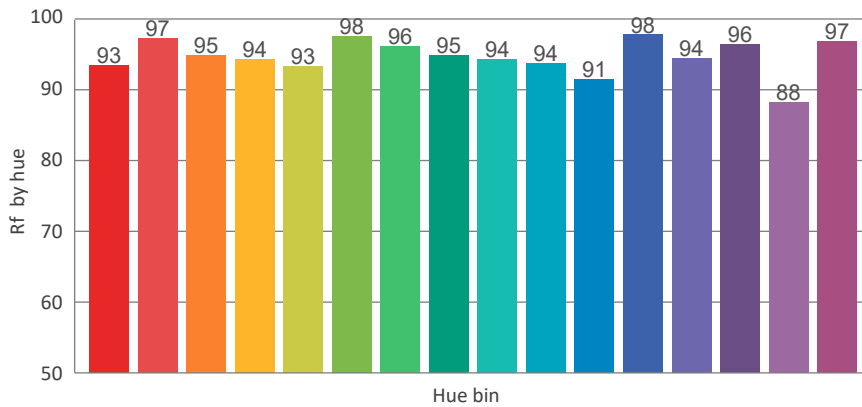
## TM30 Details

**Rf 94,4**

Fidelity Index Rf

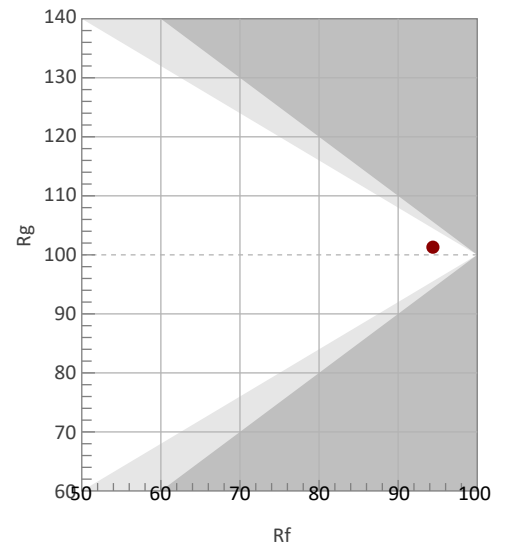
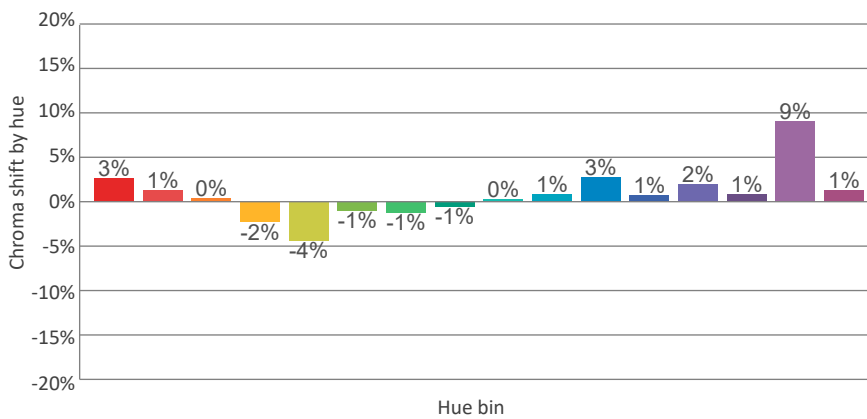
**Rg 101,3**

Gamut Index Rg

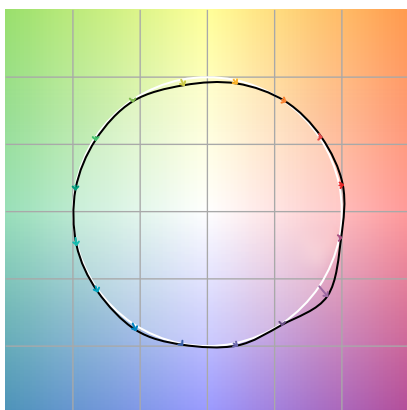


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30\_BIN\_VALUES\_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

