

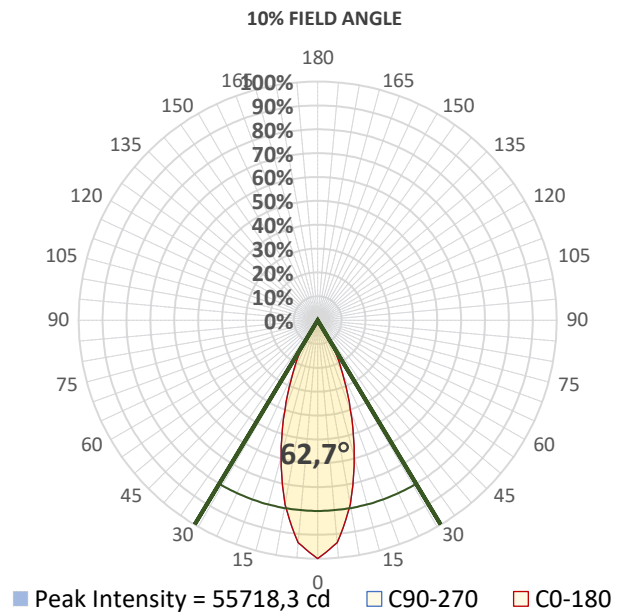
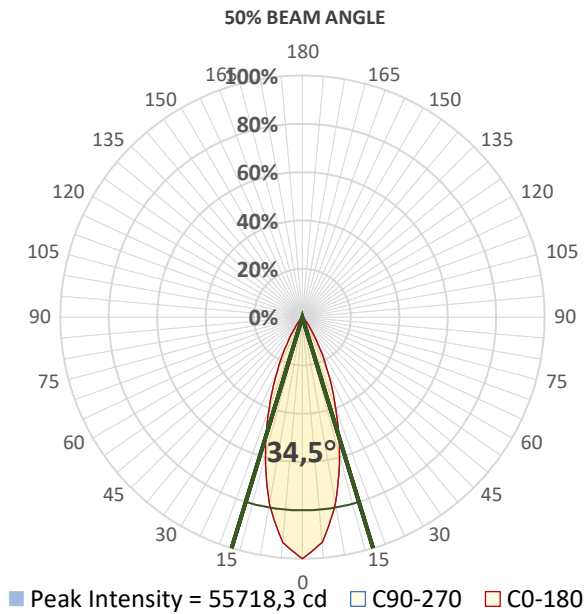
Report Summary



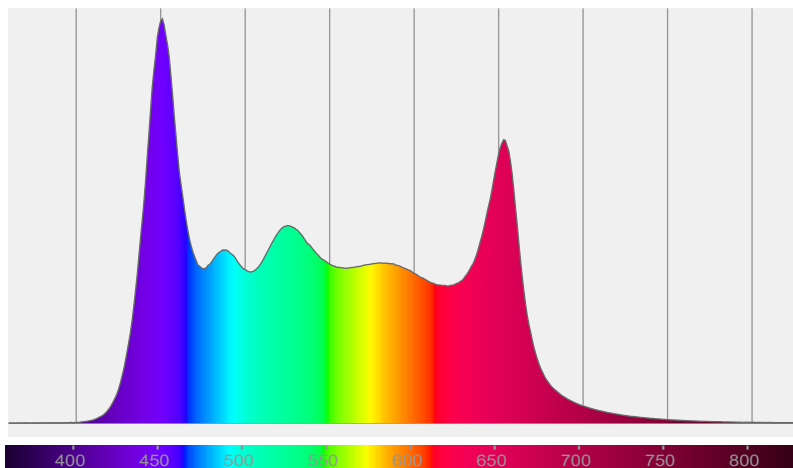
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 23123 lm / 55718 cd	Beam Angle (50%): 34,5°	AC Supply: 221 V / 50 Hz
Fixture Efficiency: 26 lm/W	Field Angle (10%): 62,7°	Power: 881,5 W
Intensity @ 5m: 2229 lx	Cutoff Angle (2,5%): 77,9°	Current: 4,08 A
Color Temperature: 6904 K		Power Factor: 0,98
CRI: 91,1		
CRI R9 Value: 46,2		
CQS: 94,6		
TLCI: 98		
TM-30 Rf: 91,1		
TM-30 Rg: 105,1		

## Details



## Spectral Distribution



CIE 1931

x: 0,310 y: 0,309

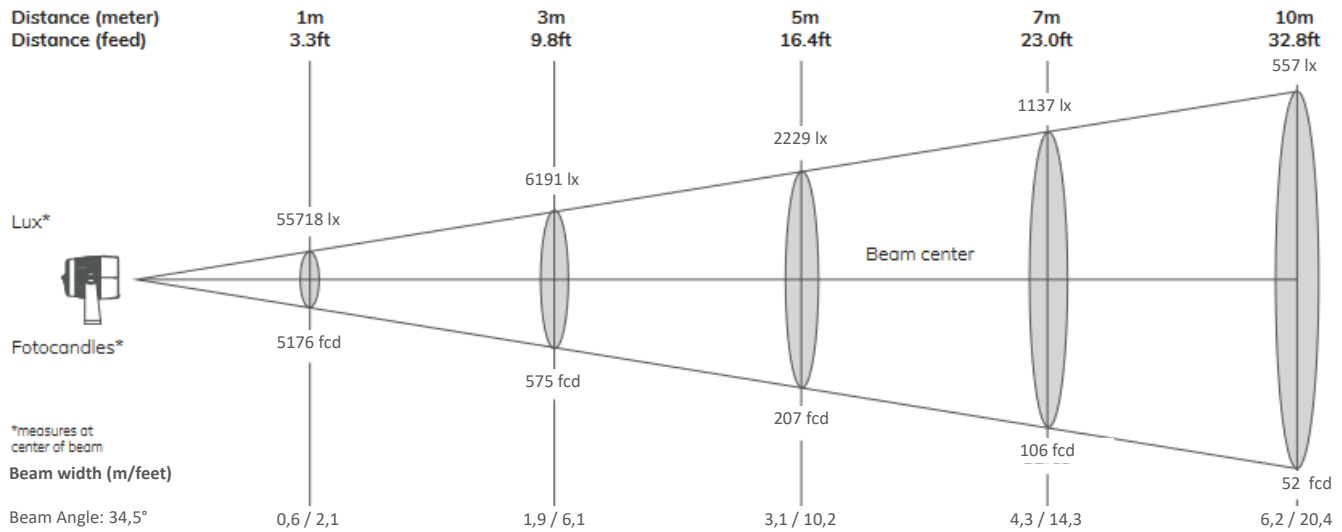
Light Quality

CRI: 91,1

Color Temperature

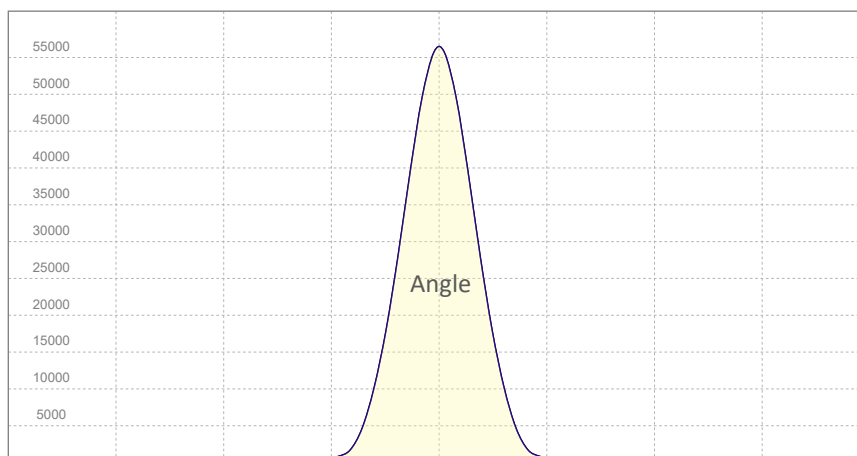
6904 K

## Medium Lens, Peak



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: 34,5°	55718/5176	0,6/2,1	6191/575	1,9/6,1	2229/207	3,1/10,2	1137/106	4,3/14,3	557/52	6,2/20,4

Candela (cd)

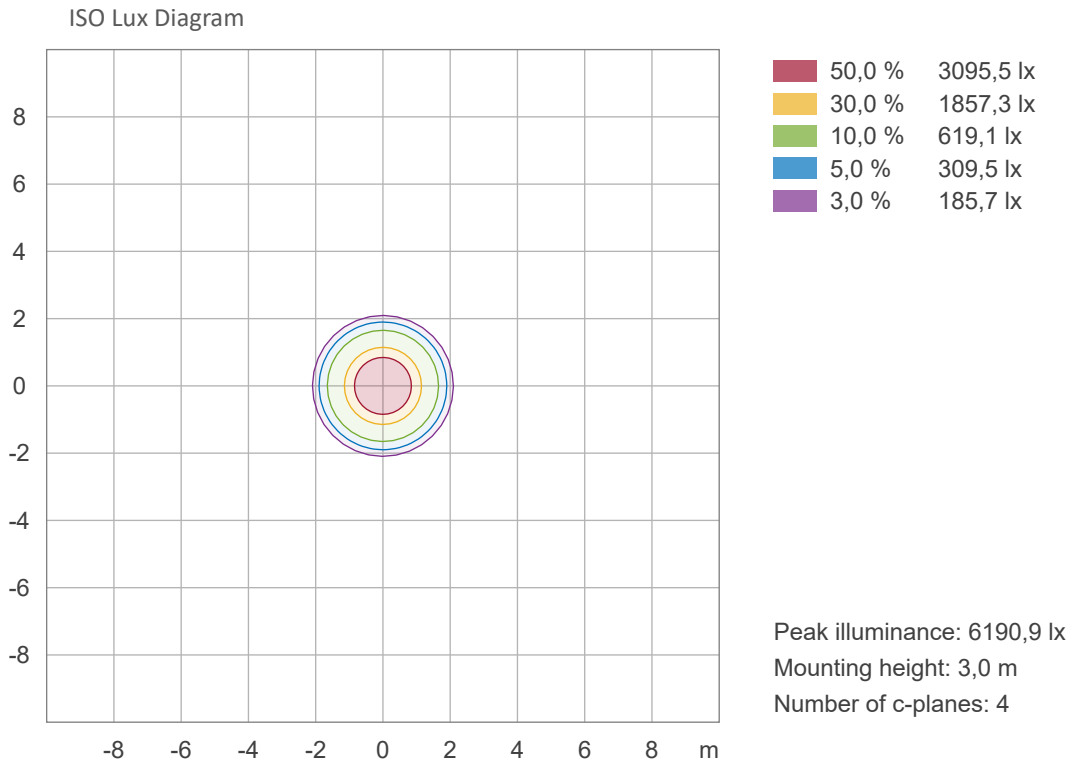
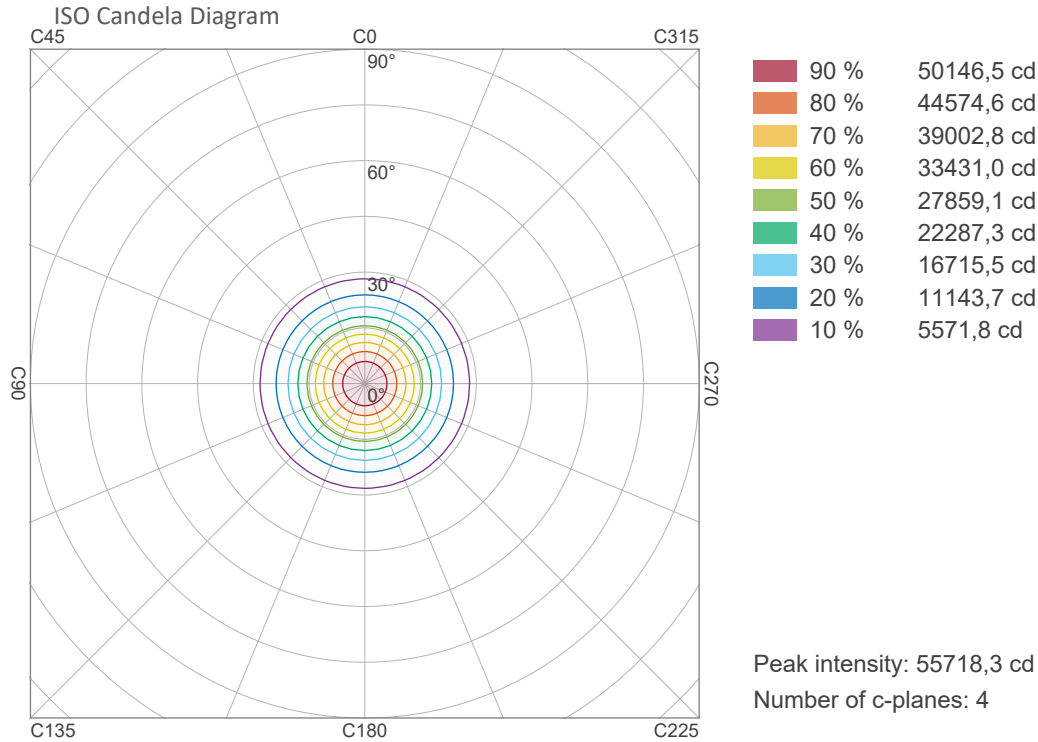


Candela Plot

Vertical Distribution

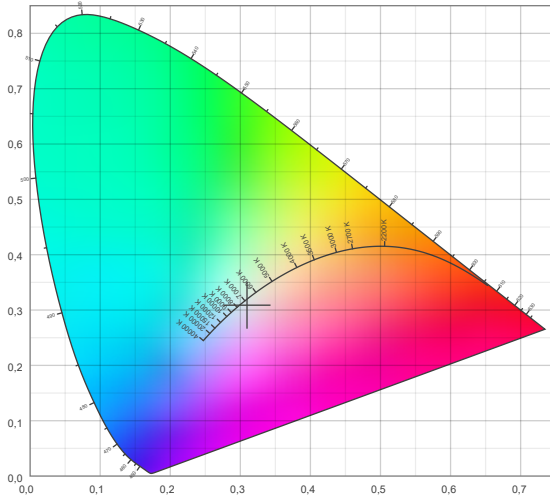
Horizontal Distribution

## ISO Diagrams

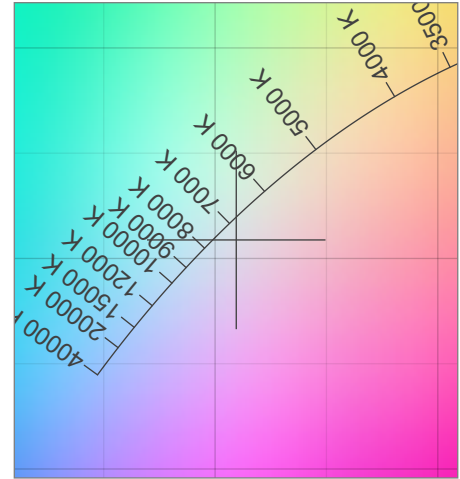


## Chromaticity

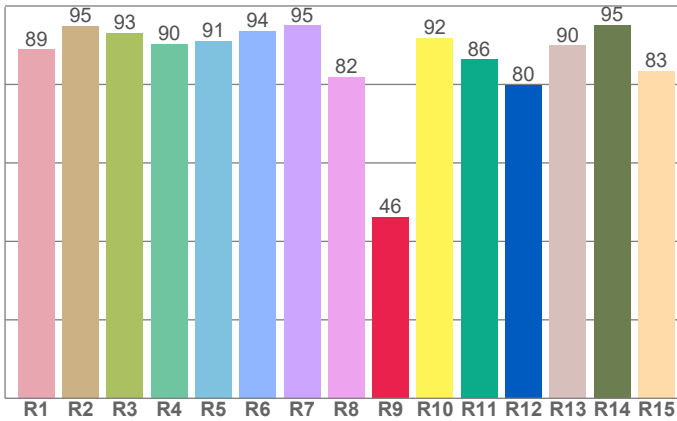
CIE 1931



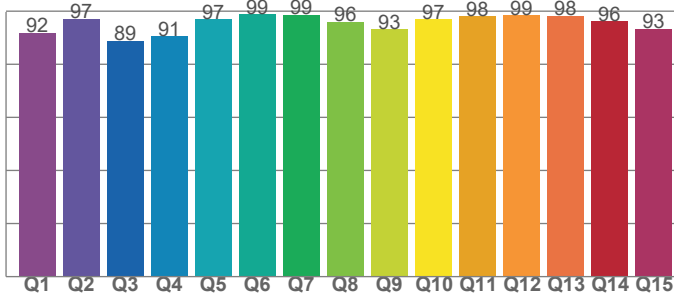
CIE 1931 - Zoom



CRI: 91,1 (R1-R8)



CQS: 94,6



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
6904K	0,310	0,309

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	u	v
-0,0058	0,203	0,304

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
91,1	46,2	94,6

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
98	91,1	105,1

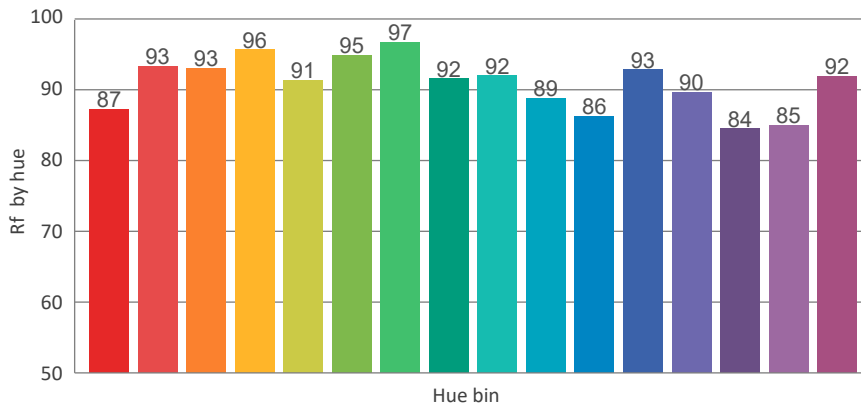
## TM30 Details

**Rf 91,1**

Fidelity Index Rf

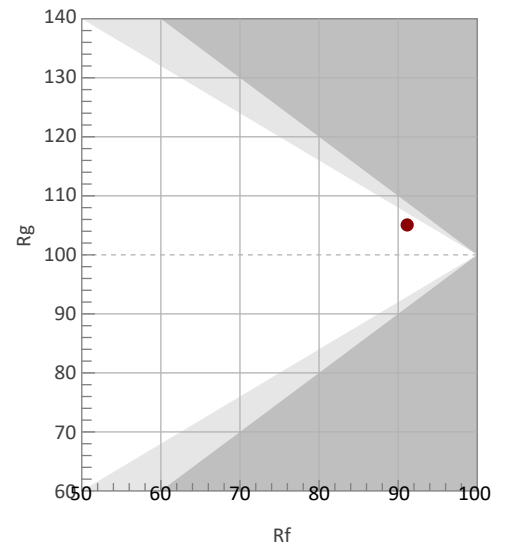
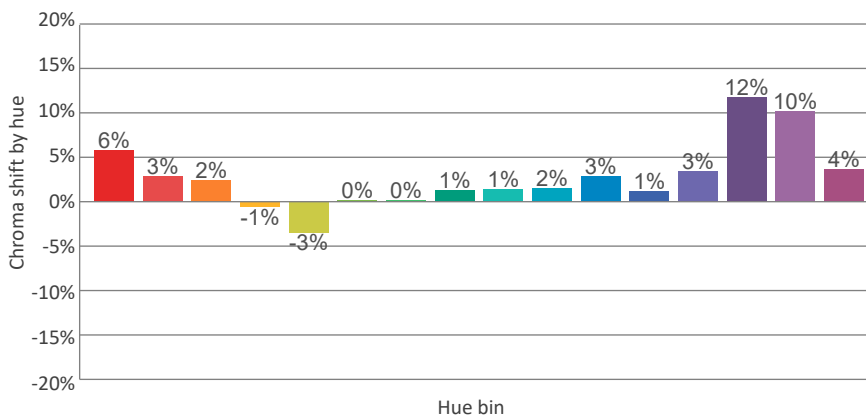
**Rg 105,1**

Gamut Index Rg

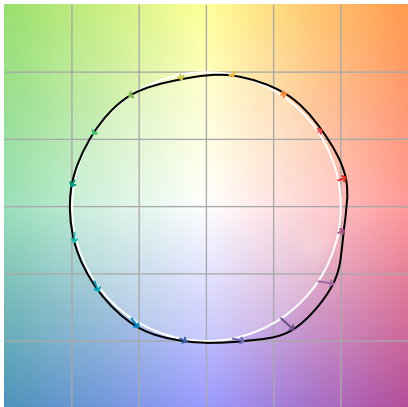


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30\_BIN\_VALUES\_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

