

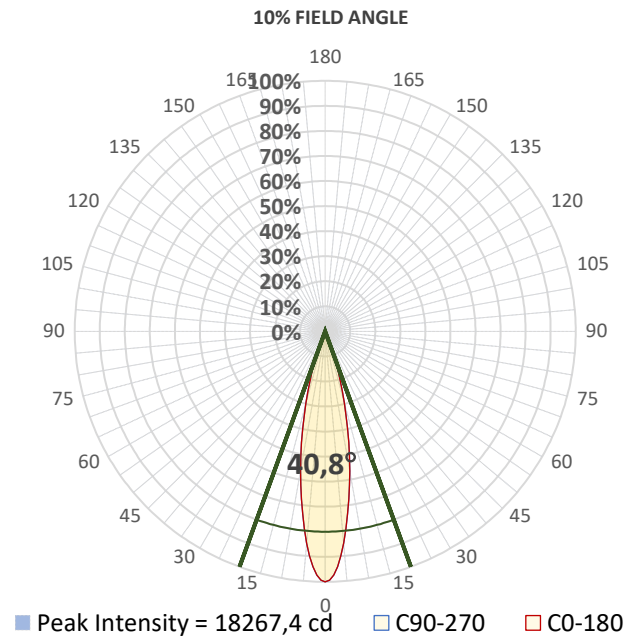
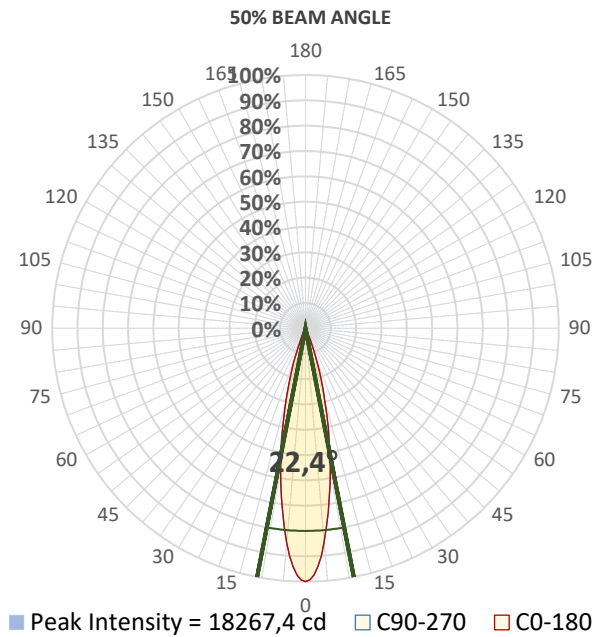
Report Summary



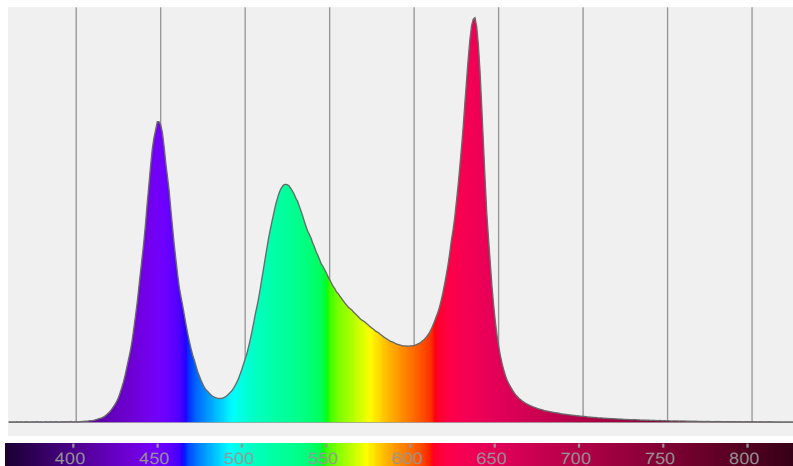
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 3471 lm / 18267 cd	Beam Angle (50%): 22,4°	AC Supply: 224 V / 50 Hz
Fixture Efficiency: 41 lm/W	Field Angle (10%): 40,8°	Power: 84,2 W
Intensity @ 5m: 731 lx	Cutoff Angle (2,5%): 50,2°	Current: 0,455 A
Color Temperature: 5539 K		Power Factor: 0,82
CRI: 73,7		
CRI R9 Value: -17,0		
CQS: 85,1		
TLCI: 62		
TM-30 Rf: 80,6		
TM-30 Rg: 115,9		

## Details



## Spectral Distribution



CIE 1931

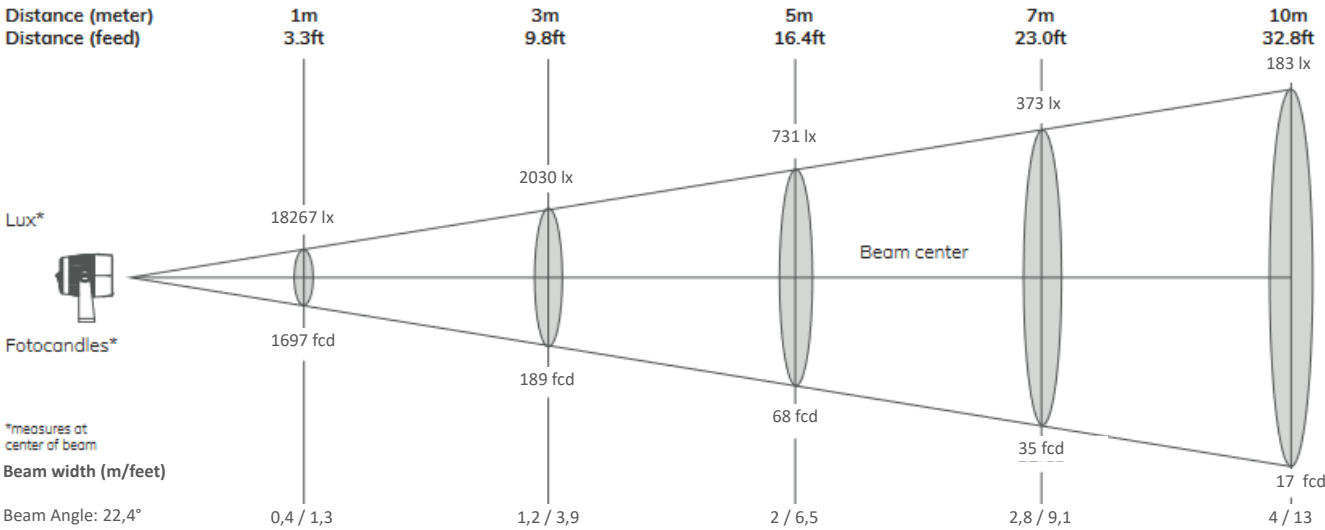
x: 0,332 y: 0,345

Light Quality

CRI: 73,7

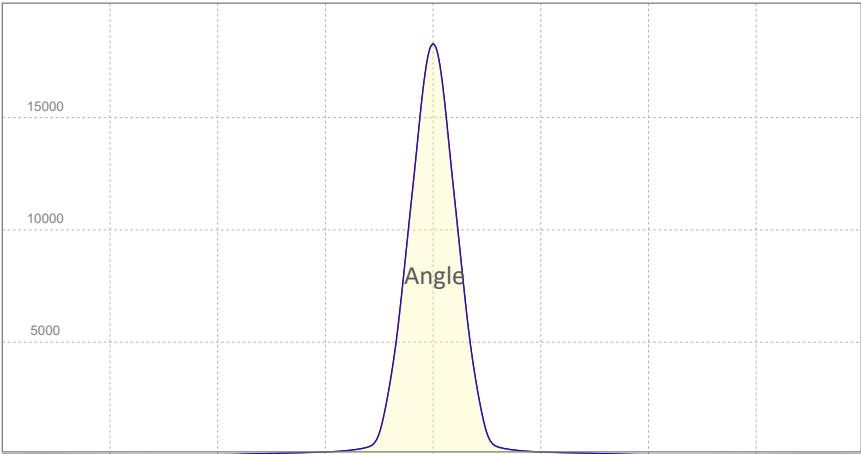
Color Temperature

5539 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: 22,4°	18267/ 1697	0,4/1,3	2030/ 189	1,2/3,9	731/ 68	2/6,5	373/ 35	2,8/9,1	183/ 17	4/13

Candela (cd)

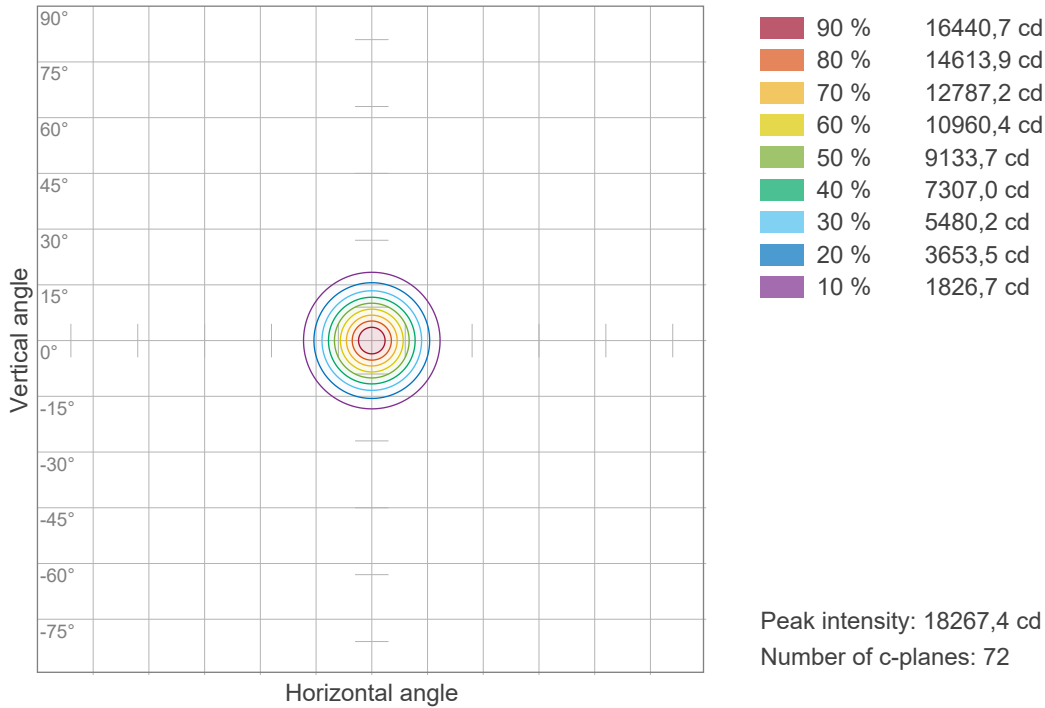


Candela Plot

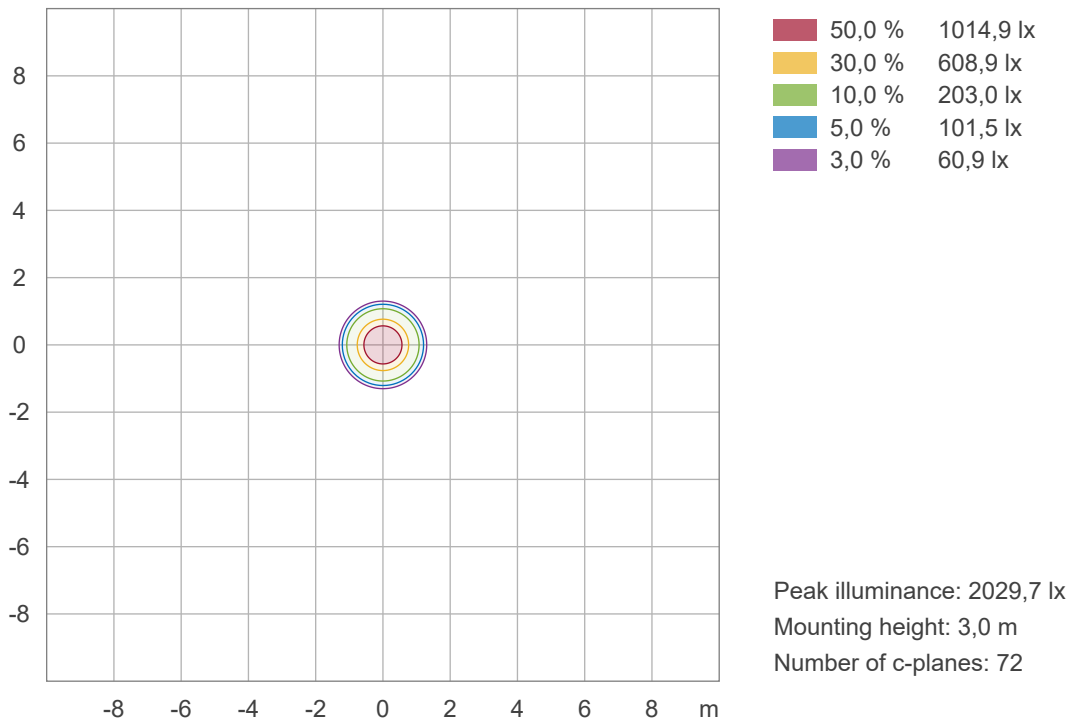
Vertical Distribution  
Horizontal Distribution

## ISO Diagrams

ISO Candela Diagram

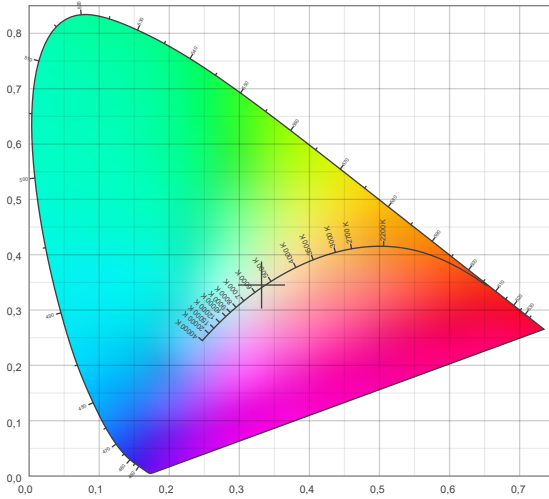


ISO Lux Diagram

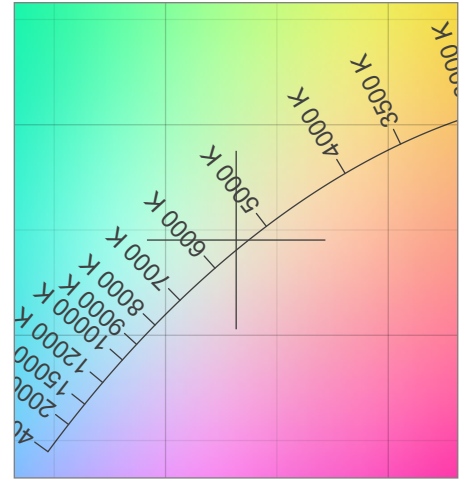


## Chromaticity

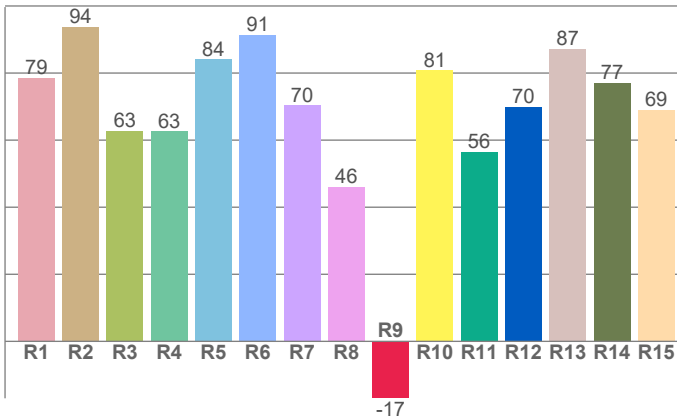
CIE 1931



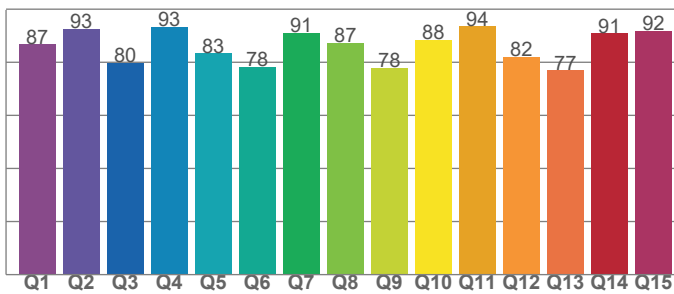
CIE 1931 - Zoom



CRI: 73,7 (R1-R8)



CQS: 85,1



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5539K	0,332	0,345

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	u	v
0,0008	0,205	0,320

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
73,7	-17,0	85,1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
62	80,6	115,9

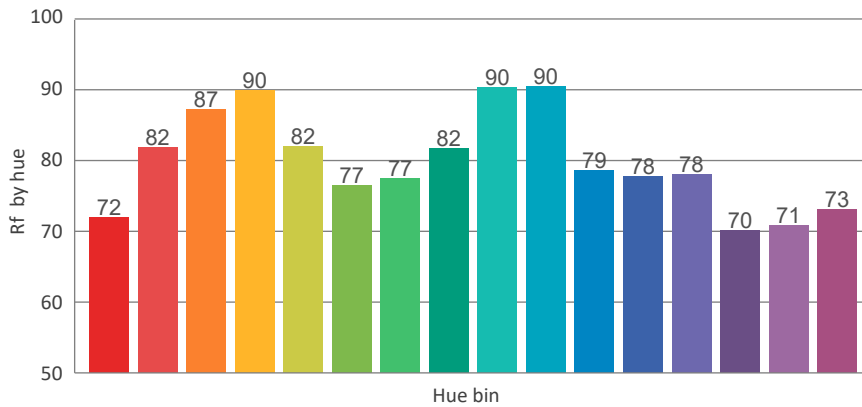
## TM30 Details

**Rf 80,6**

Fidelity Index Rf

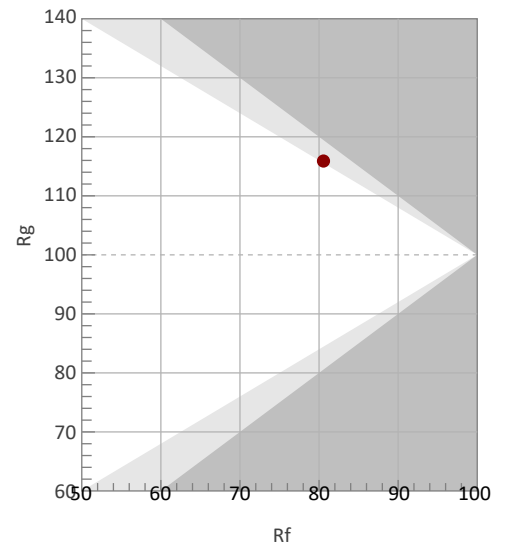
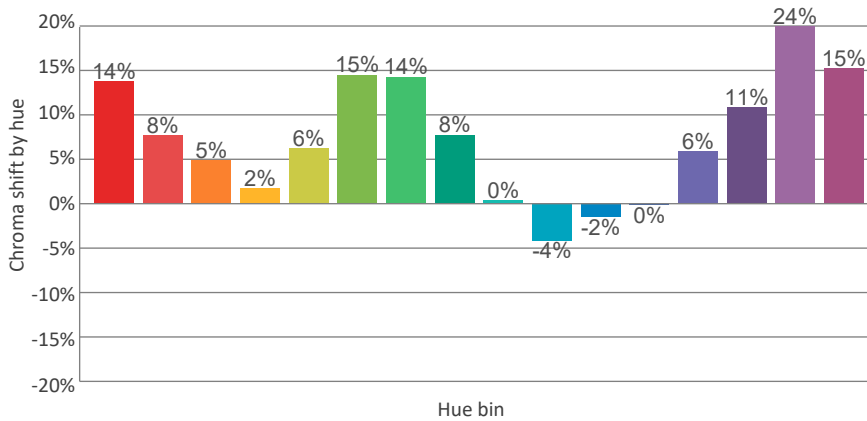
**Rg 115,9**

Gamut Index Rg

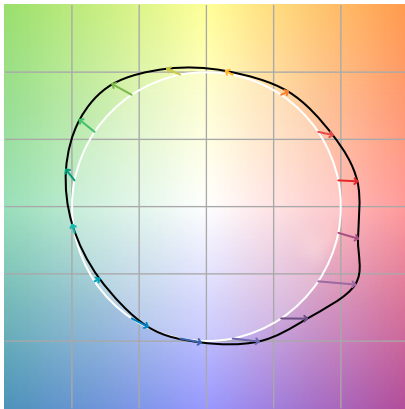


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

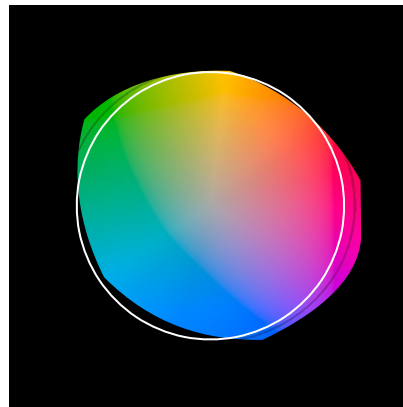
TM30\_BIN\_VALUES\_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

