

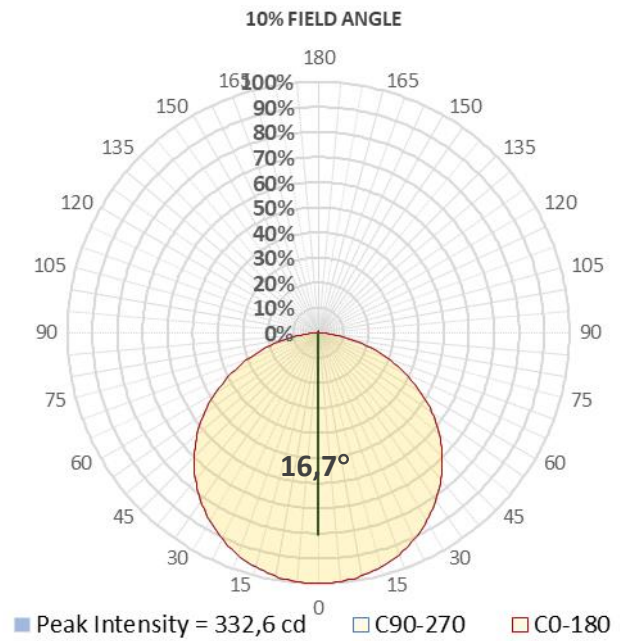
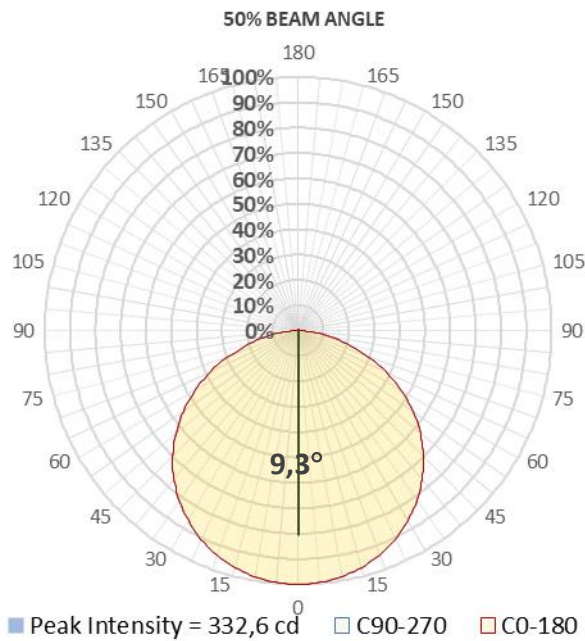
## Report Summary



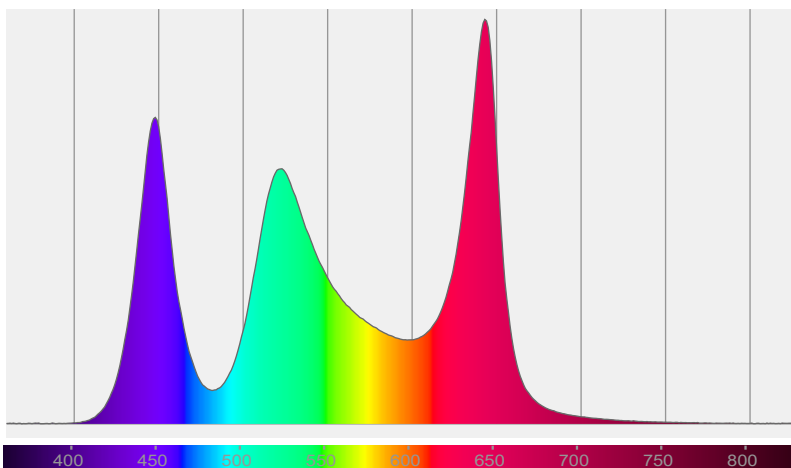
## Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 16182 lm / 431559 cd	Beam Angle (50%): 9,3°	AC Supply: 226 V / 50 Hz
Fixture Efficiency: 38 lm/W	Field Angle (10%): 16,7°	Power: 421,6 W
Intensity @ 5m: 17226 lx	Cutoff Angle (2,5%): 24,8°	Current: 1,92 A
Color Temperature: 5903 K		Power Factor: 0,97
CRI: 72,8		
CRI R9 Value: -33,0		
CQS: 84,4		
TLCI: 57		
TM-30 Rf: 79,8		
TM-30 Rg: 116,0		

## Details



## Spectral Distribution



CIE 1931

x: 0,324 y: 0,343

Light Quality

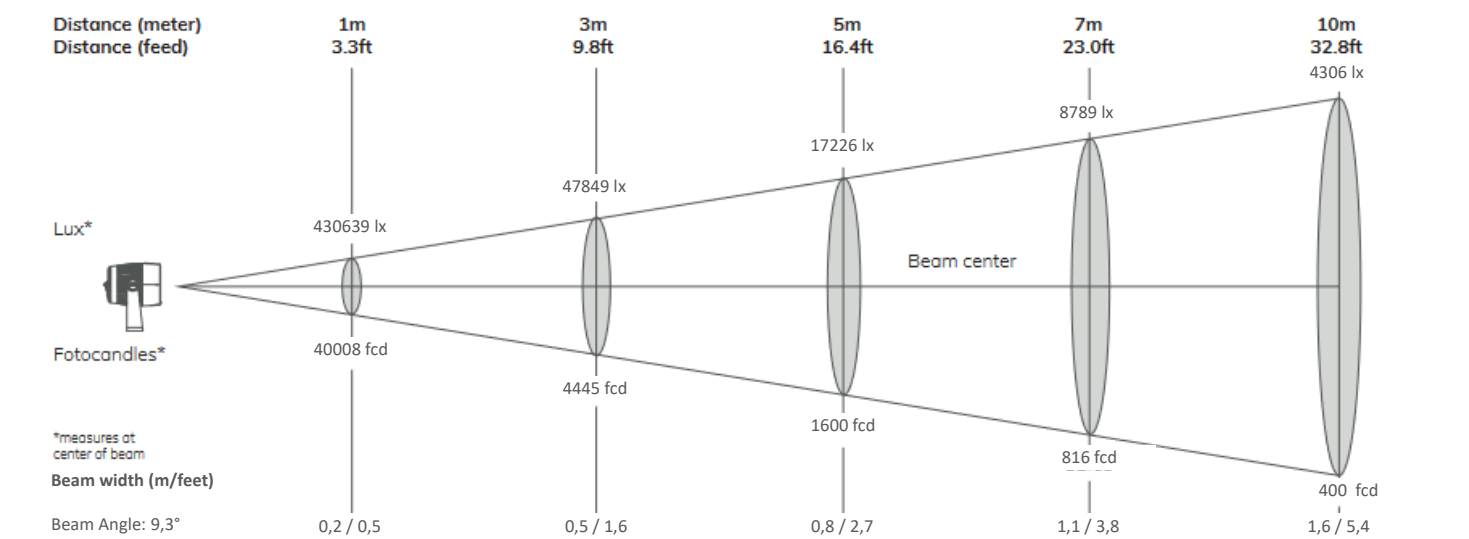
CRI: 72,8

Color Temperature

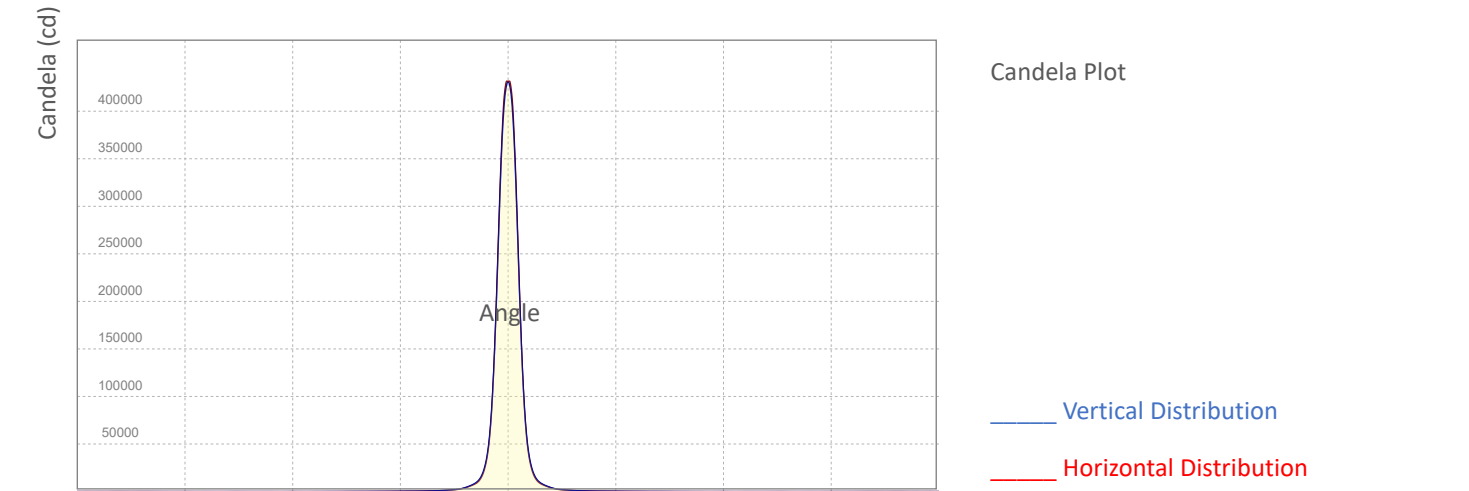
5903 K

Neo mini

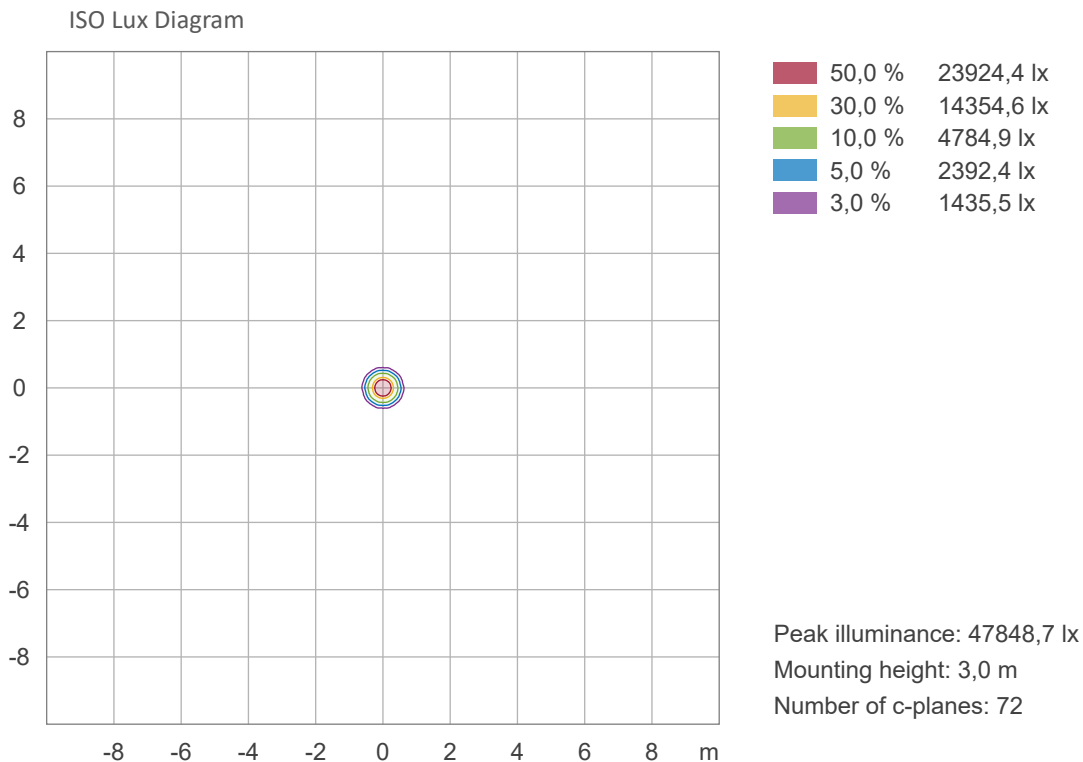
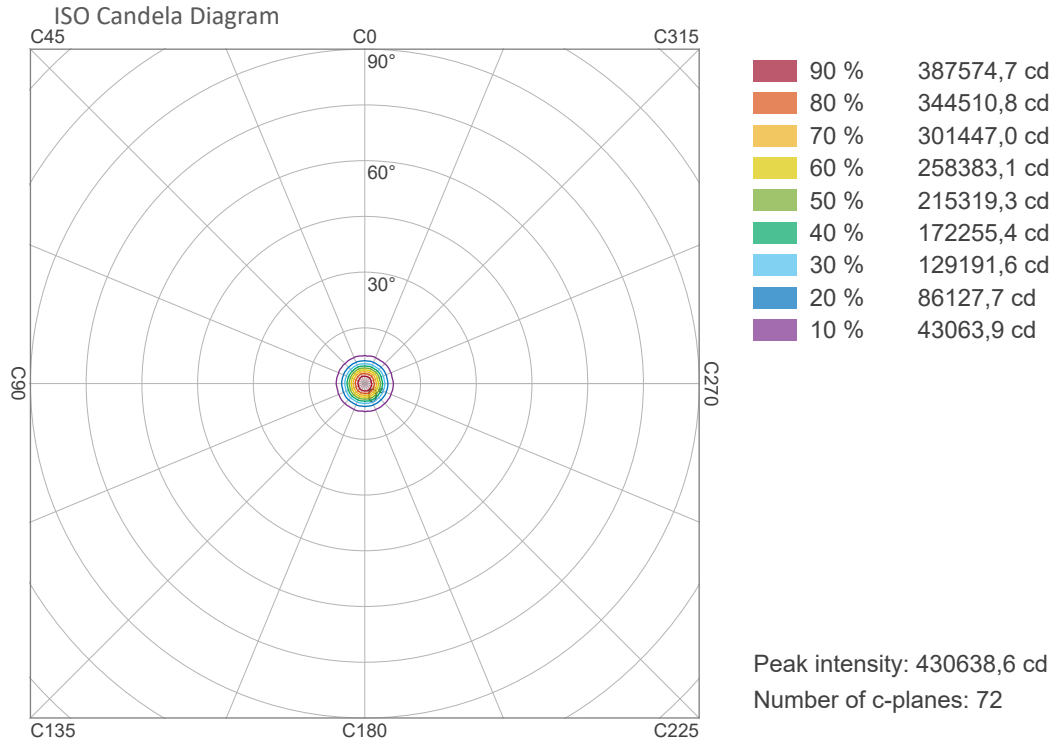
LM79, 5600K, normal CRI



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: 9,3°	430639/ 40008	0,2/0,5	47849/ 4445	0,5/1,6	17226/ 1600	0,8/2,7	8789/ 816	1,1/3,8	4306/ 400	1,6/5,4

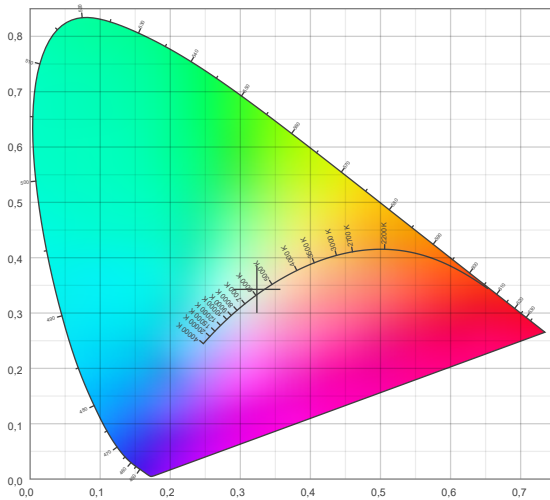


## ISO Diagrams

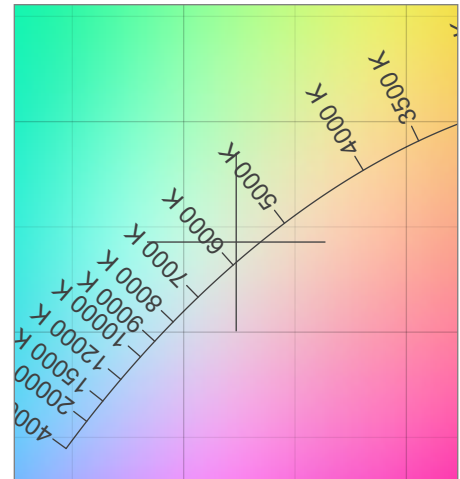


## Chromaticity

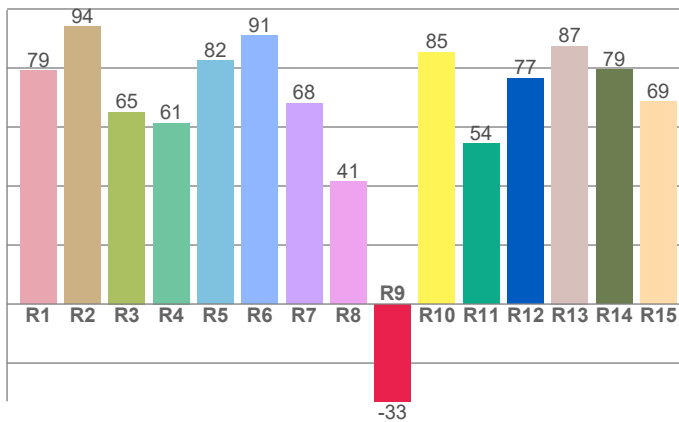
CIE 1931



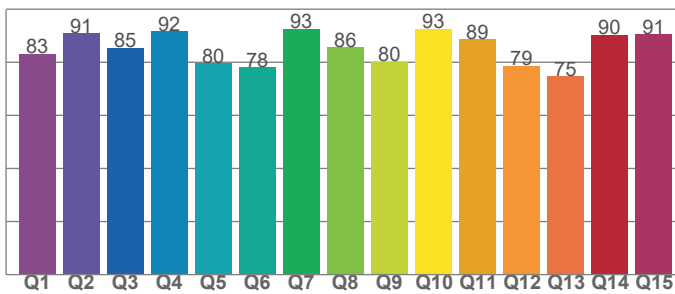
CIE 1931 - Zoom



CRI: 72,8 (R1-R8)



CQS: 84,4



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5903K	0,324	0,343

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	u	v
0,0017	0,200	0,318

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
72,8	-33,0	84,4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
57	79,8	116,0

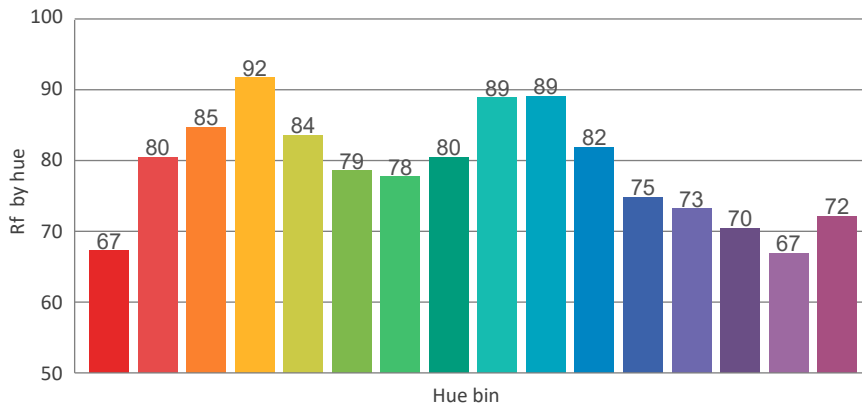
## TM30 Details

**Rf 79,8**

Fidelity Index Rf

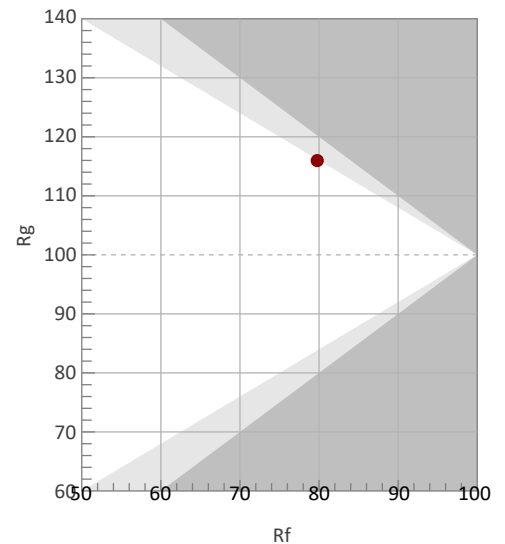
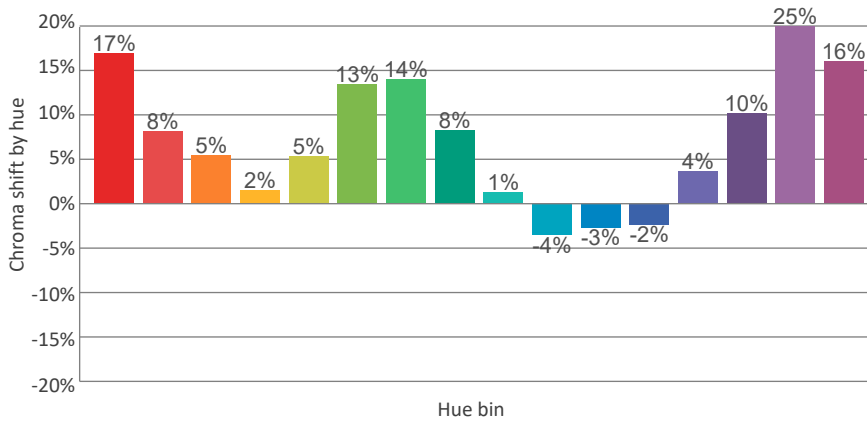
**Rg 116,0**

Gamut Index Rg

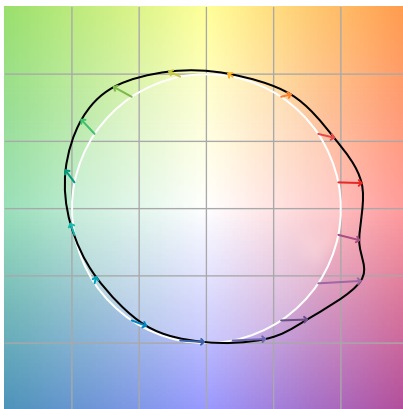


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

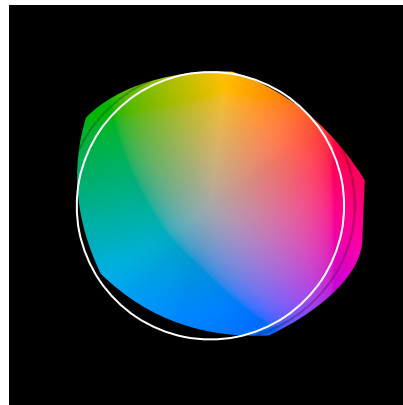
TM30\_BIN\_VALUES\_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

