

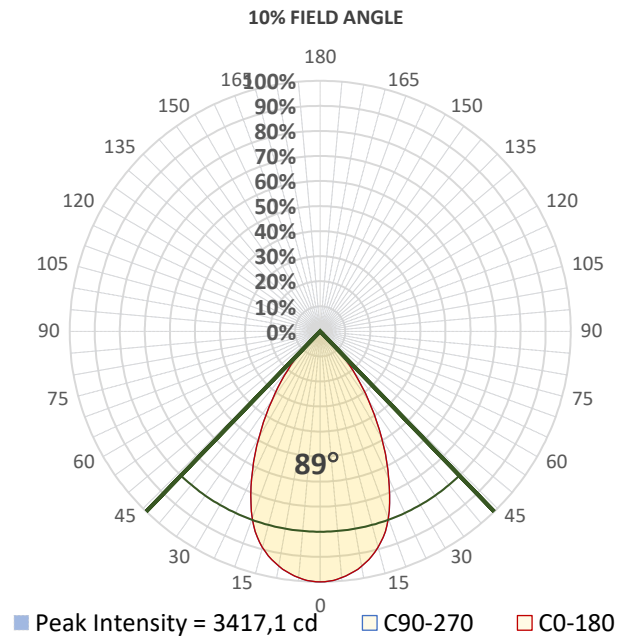
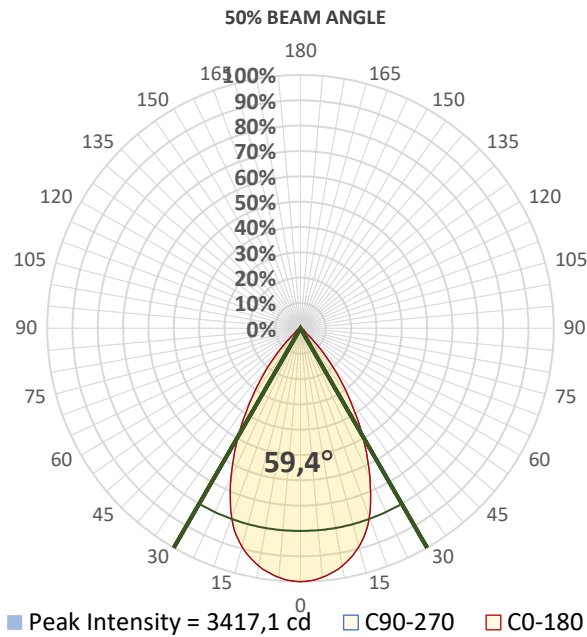
## Report Summary



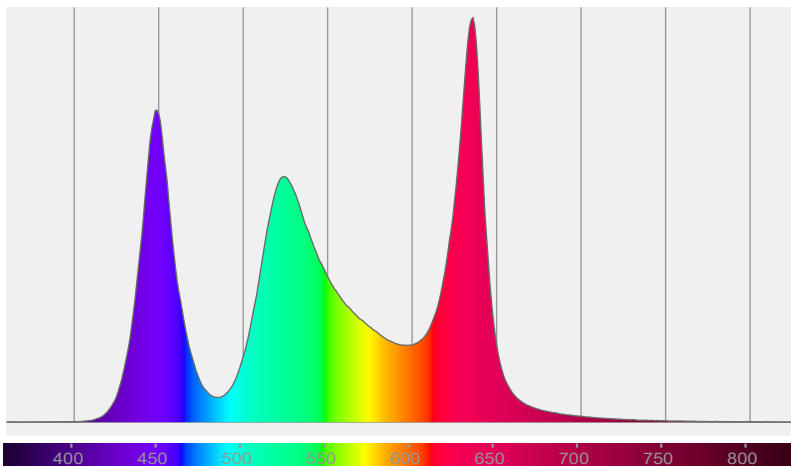
## Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 3292 lm / 3417 cd	Beam Angle (50%): 59,4°	AC Supply: 225 V / 50 Hz
Fixture Efficiency: 38 lm/W	Field Angle (10%): 89°	Power: 85,7 W
Intensity @ 5m: 137 lx	Cutoff Angle (2,5%): 103,7°	Current: 0,460 A
Color Temperature: 5683 K		Power Factor: 0,83
CRI: 73,9		
CRI R9 Value: -15,7		
CQS: 85,1		
TLCI: 62		
TM-30 Rf: 80,6		
TM-30 Rg: 115,6		

## Details



## Spectral Distribution



CIE 1931

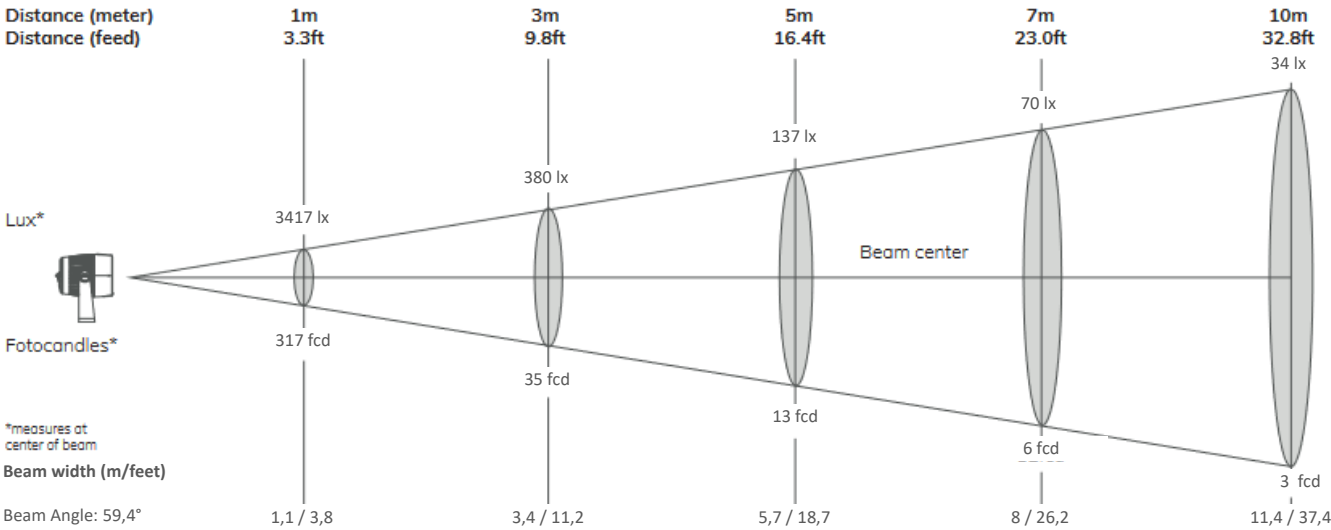
x: 0,328 y: 0,344

Light Quality

CRI: 73,9

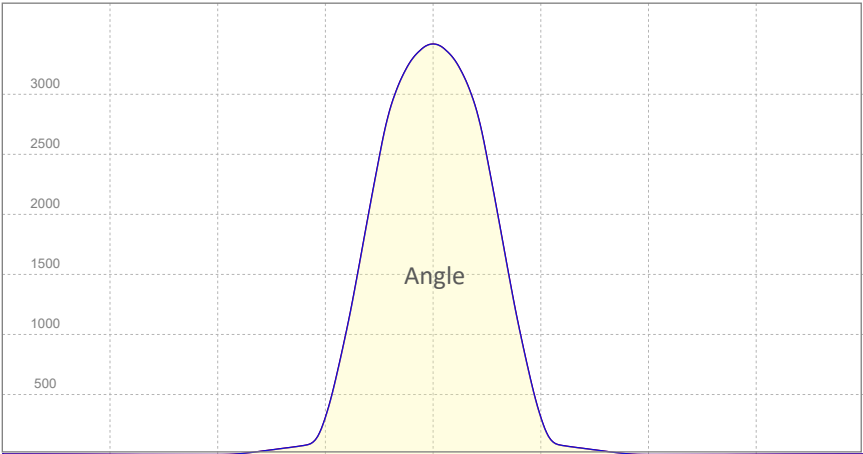
Color Temperature

5683 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: 59,4°	3417/ 317	1,1/3,8	380/ 35	3,4/11,2	137/ 13	5,7/18,7	70/ 6	8/26,2	34/ 3	11,4/37,4

Candela (cd)

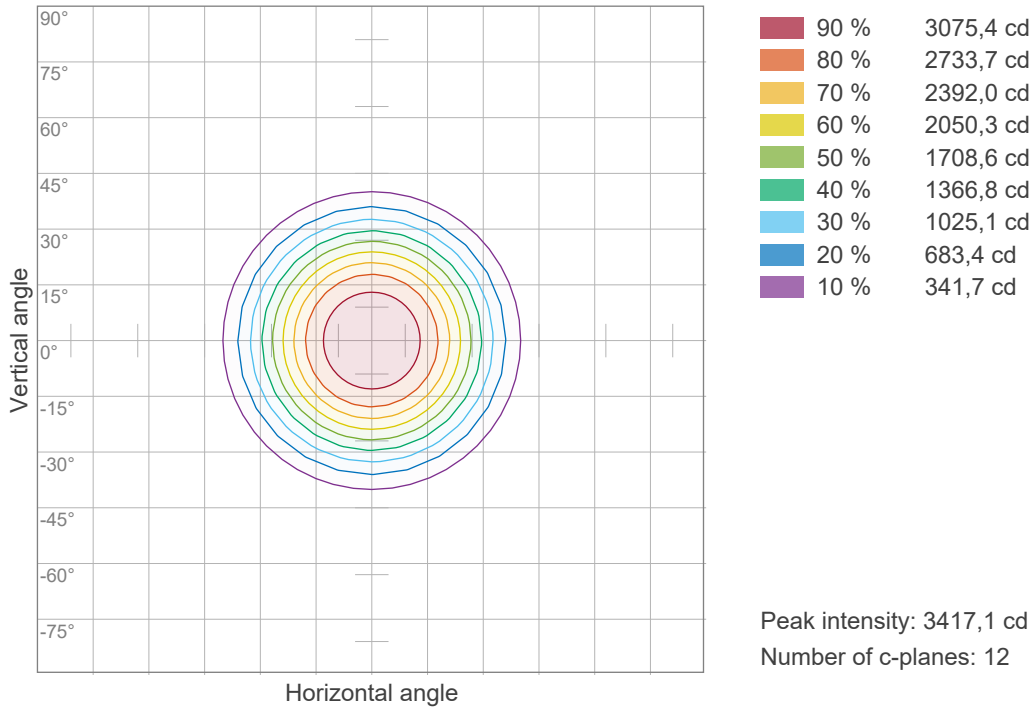


Candela Plot

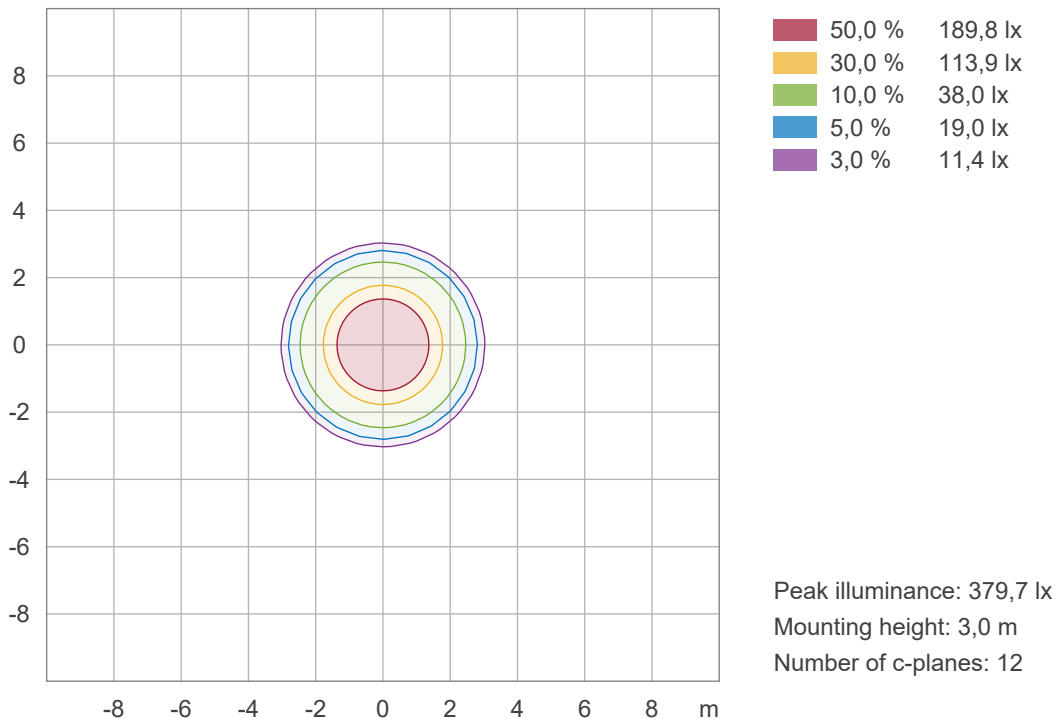
Vertical Distribution  
Horizontal Distribution

## ISO Diagrams

ISO Candela Diagram

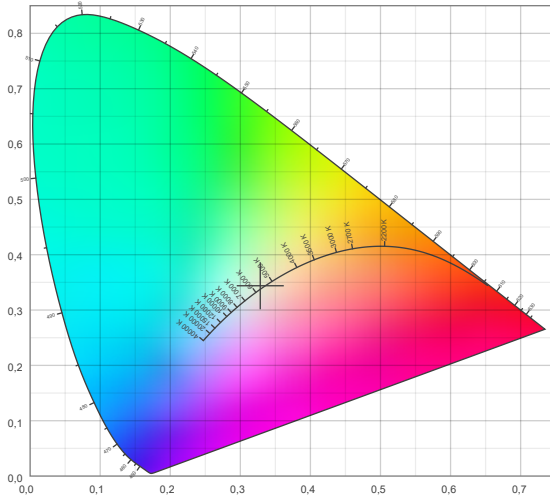


ISO Lux Diagram

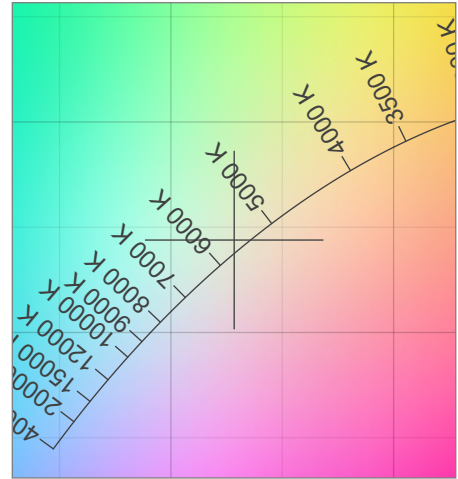


## Chromaticity

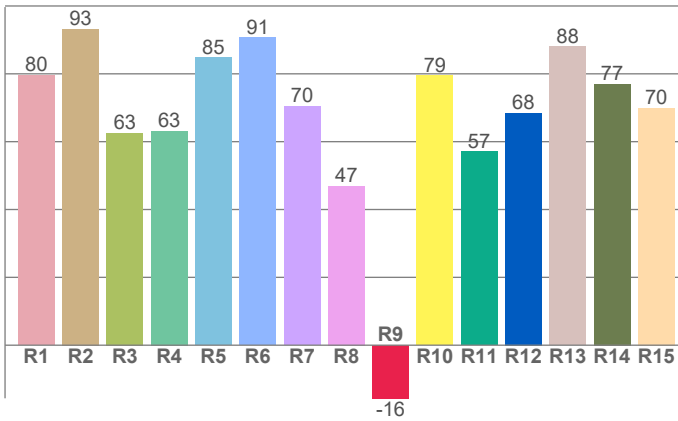
CIE 1931



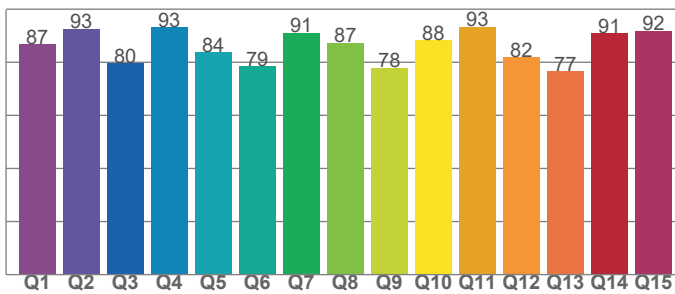
CIE 1931 - Zoom



CRI: 73,9 (R1-R8)



CQS: 85,1



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5683K	0,328	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	u	v
0,0000	0,203	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
73,9	-15,7	85,1

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

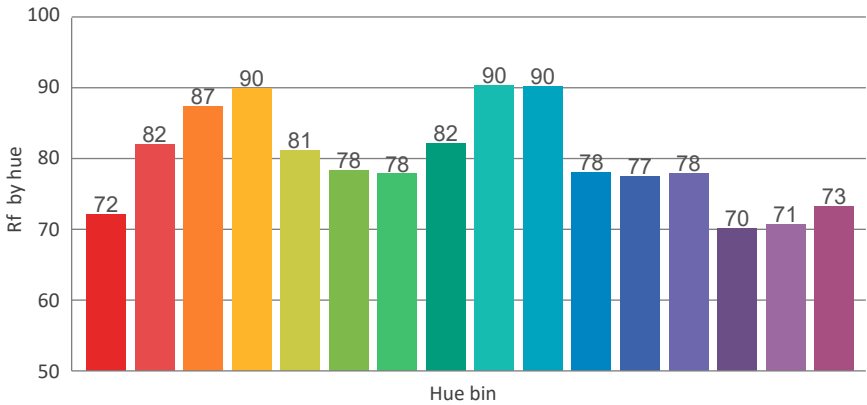
TM30 Details

Rf 80,6

Fidelity Index Rf

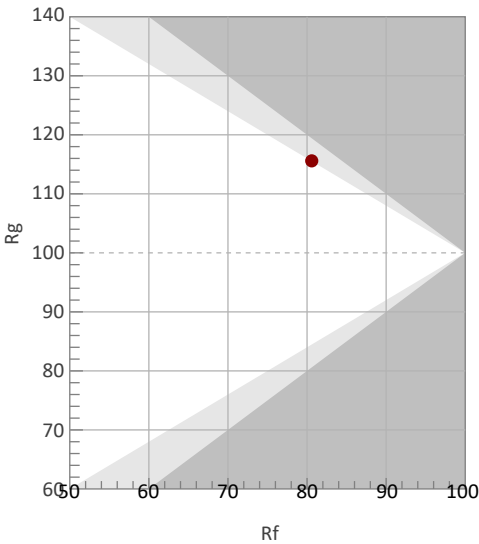
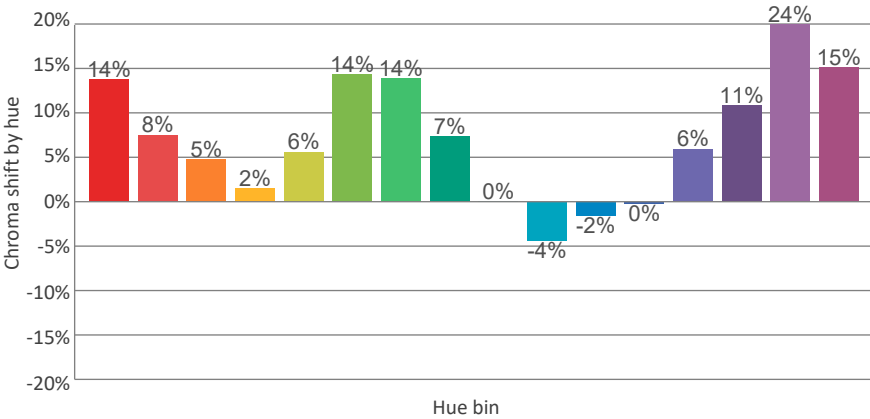
Rg 115,6

Gamut Index Rg

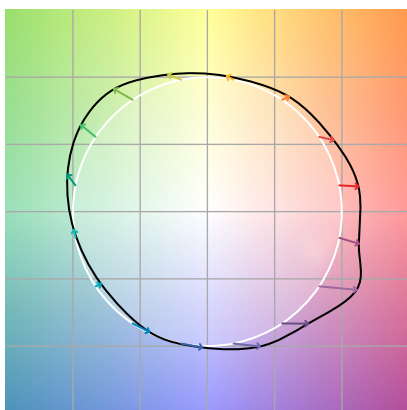


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

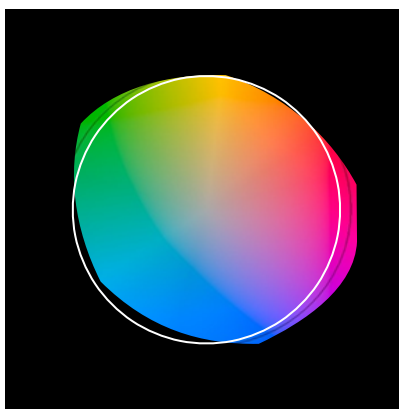
TM30\_BIN\_VALUES\_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

