

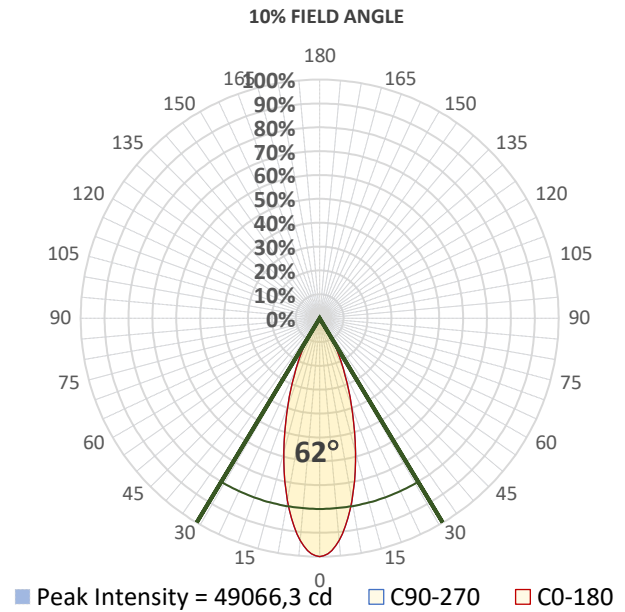
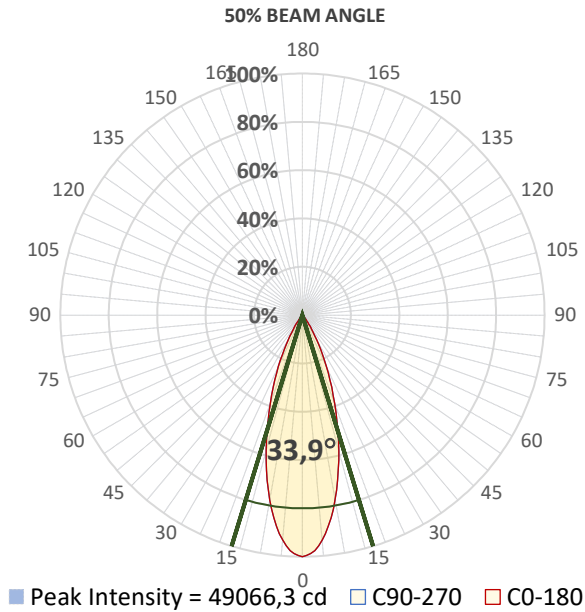
Report Summary



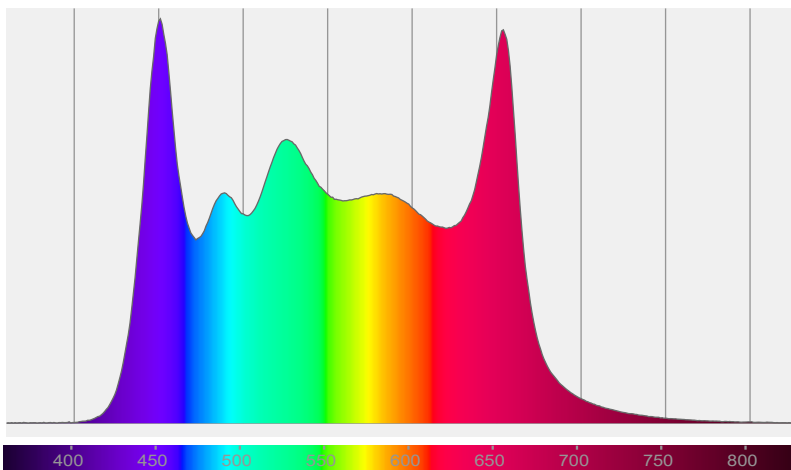
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 19792 lm / 49066 cd	Beam Angle (50%): 33,9°	AC Supply: 222 V / 50 Hz
Fixture Efficiency: 28 lm/W	Field Angle (10%): 62°	Power: 700,4 W
Intensity @ 5m: 1963 lx	Cutoff Angle (2,5%): 75,5°	Current: 3,21 A
Color Temperature: 5580 K		Power Factor: 0,98
CRI: 97,2		
CRI R9 Value: 81,8		
CQS: 97,1		
TLCI: 99		
TM-30 Rf: 94,4		
TM-30 Rg: 101,4		

Details



Spectral Distribution



CIE 1931

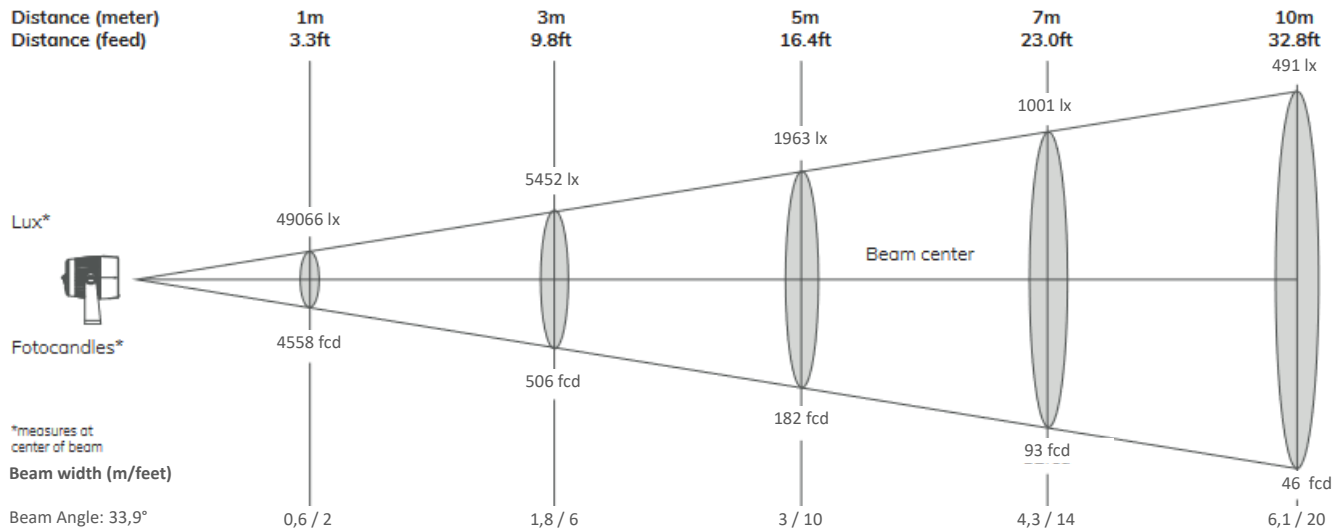
x: 0,331 y: 0,347

Light Quality

CRI: 97,2

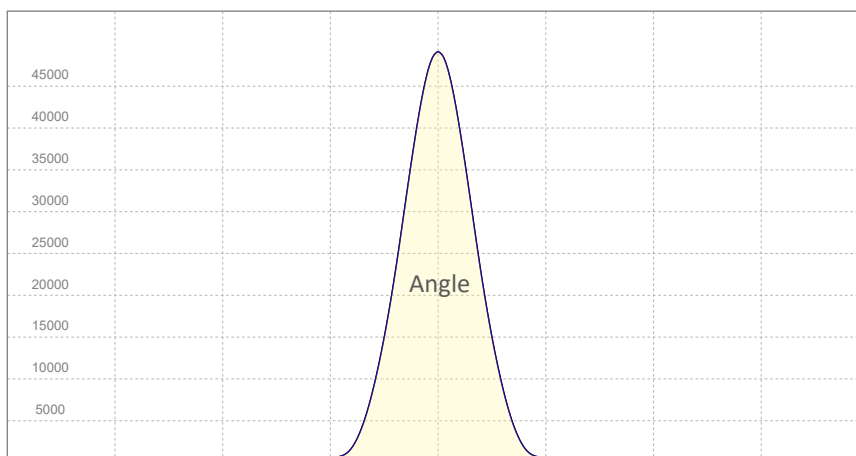
Color Temperature

5580 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: 33,9°	49066/ 4558	0,6/2	5452/ 506	1,8/6	1963/ 182	3/10	1001/ 93	4,3/14	491/ 46	6,1/20

Candela (cd)

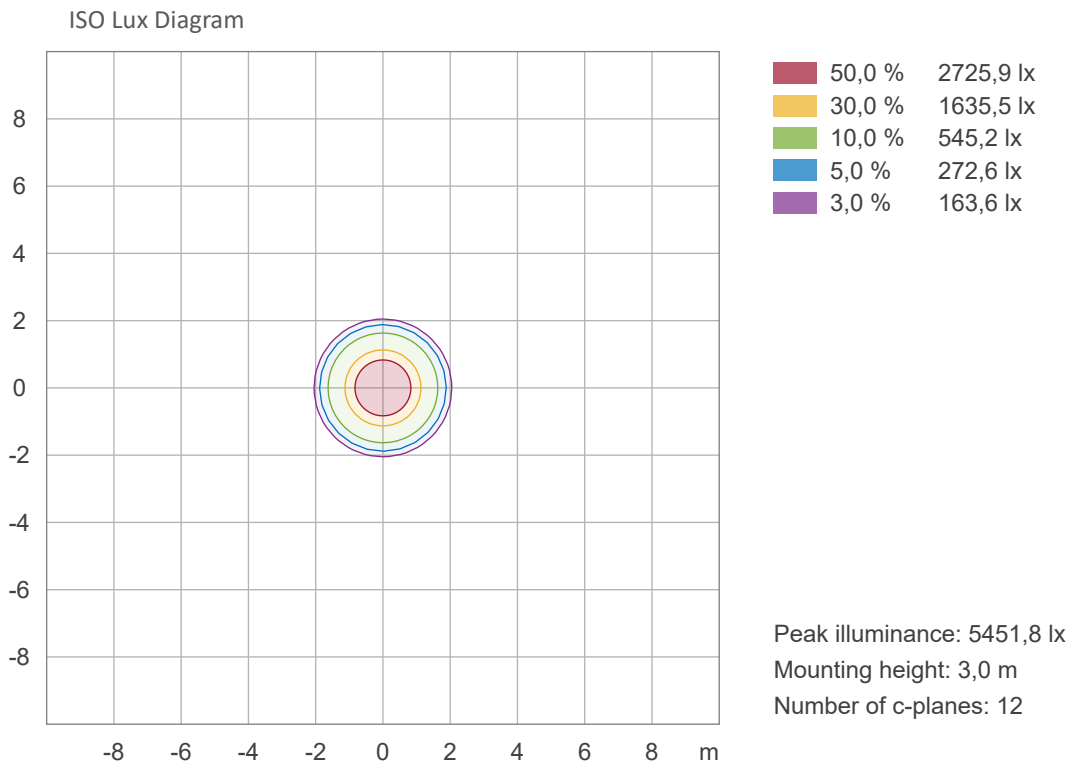
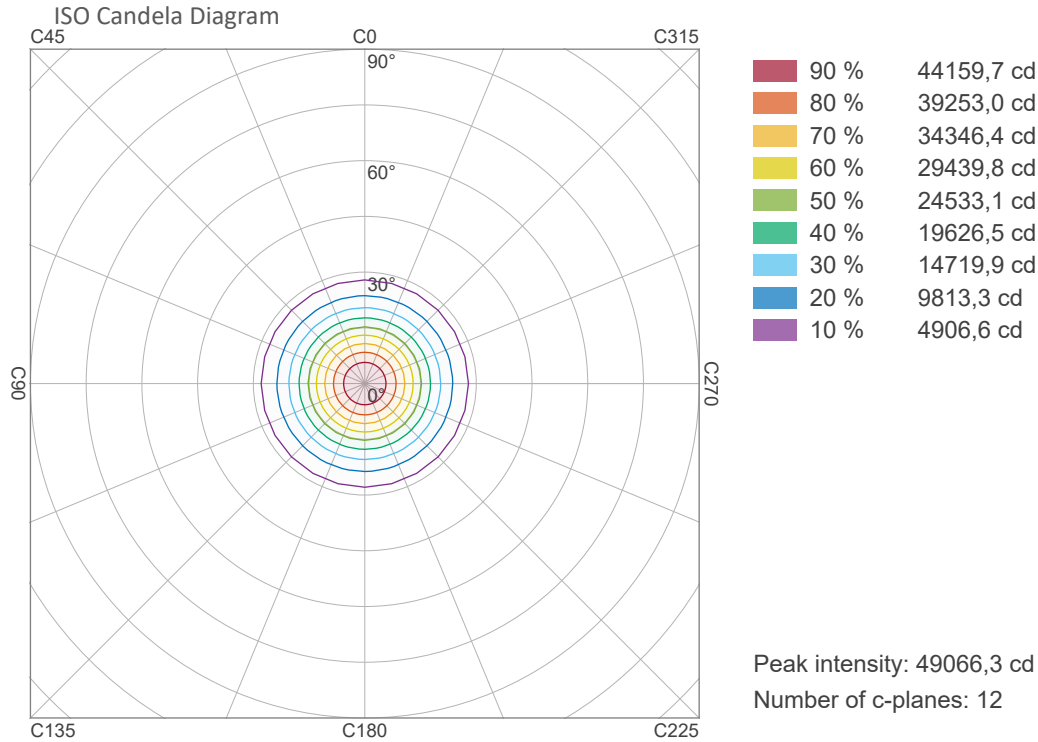


Candela Plot

Vertical Distribution

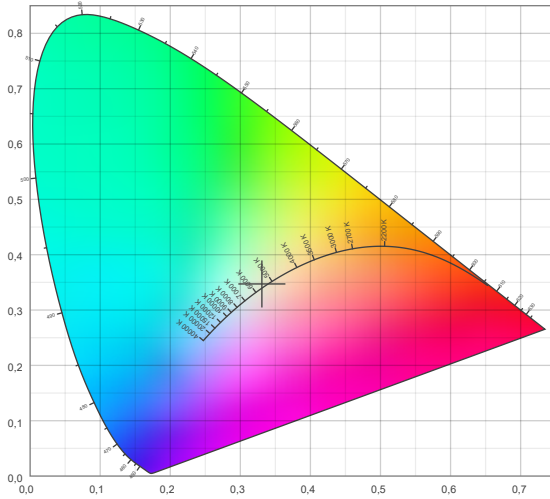
Horizontal Distribution

ISO Diagrams

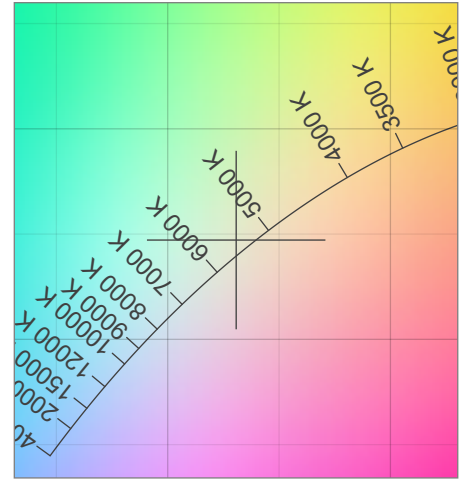


Chromaticity

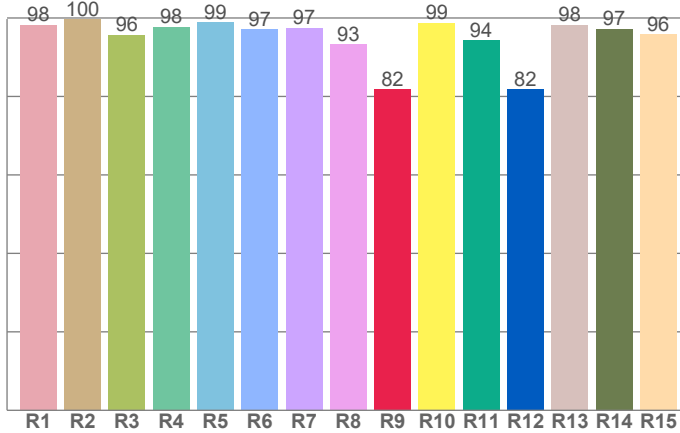
CIE 1931



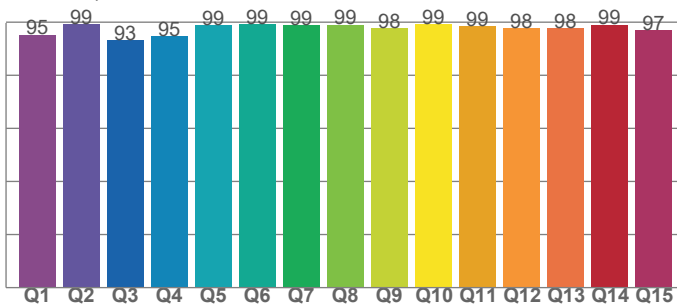
CIE 1931 - Zoom



CRI: 97,2 (R1-R8)



CQS: 97,1



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5580K	0,331	0,347

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0039	0,203	0,320

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
97,2	81,8	97,1

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

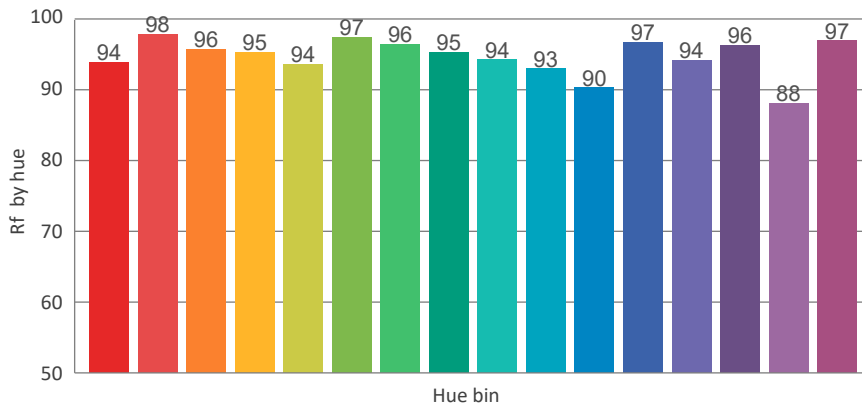
TM30 Details

Rf 94,4

Fidelity Index Rf

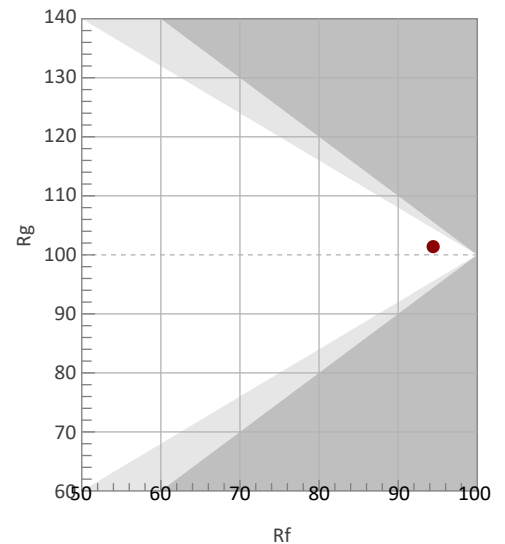
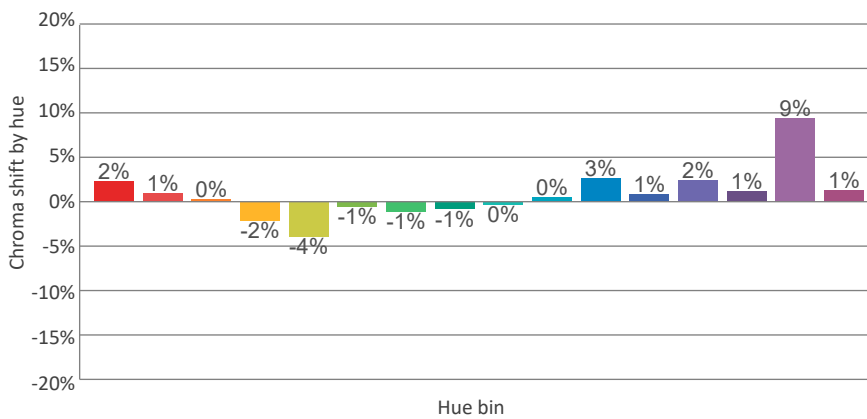
Rg 101,4

Gamut Index Rg

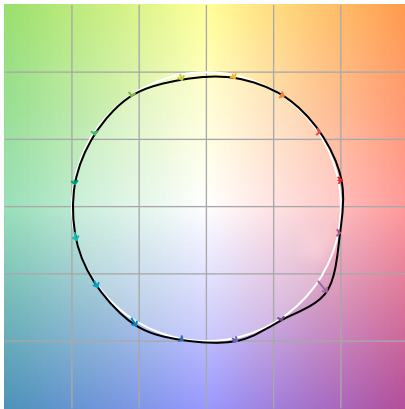


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

