

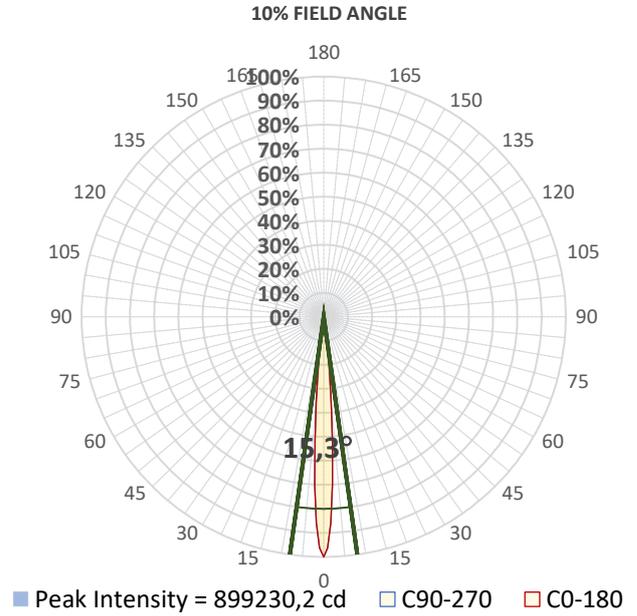
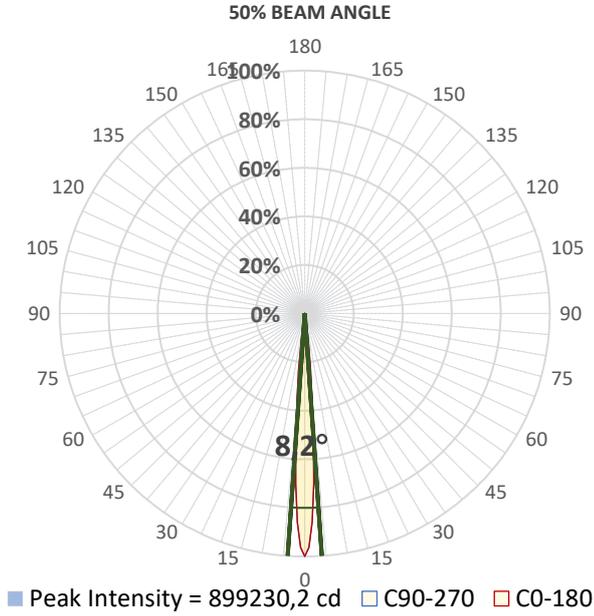
Report Summary



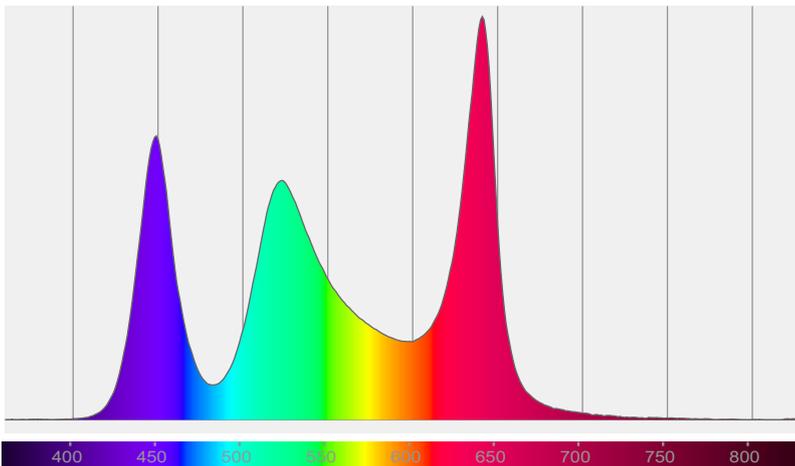
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 25565 lm / 899466 cd	Beam Angle (50%): 8,2°	AC Supply: 223 V / 50 Hz
Fixture Efficiency: 36 lm/W	Field Angle (10%): 15,3°	Power: 715,8 W
Intensity @ 5m: 35969 lx	Cutoff Angle (2,5%): 21,3°	Current: 3,30 A
Color Temperature: 5706 K		Power Factor: 0,97
CRI: 72,7		
CRI R9 Value: -39,0		
CQS: 84,3		
TLCI: 57		
TM-30 Rf: 80,4		
TM-30 Rg: 116,1		

Details



Spectral Distribution



CIE 1931

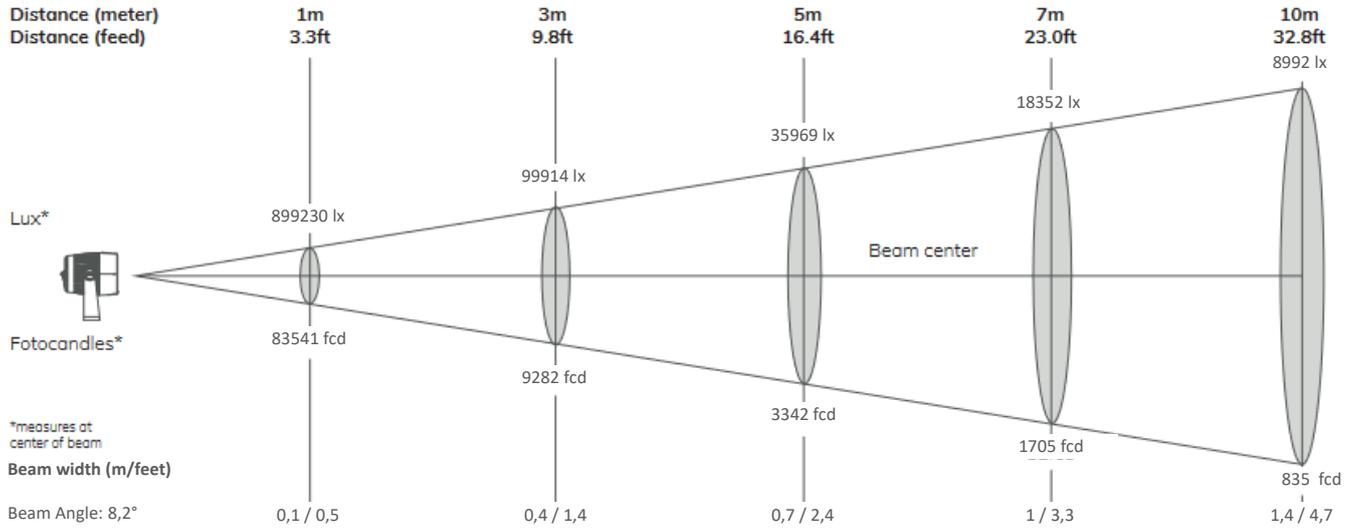
x: 0,328 y: 0,344

Light Quality

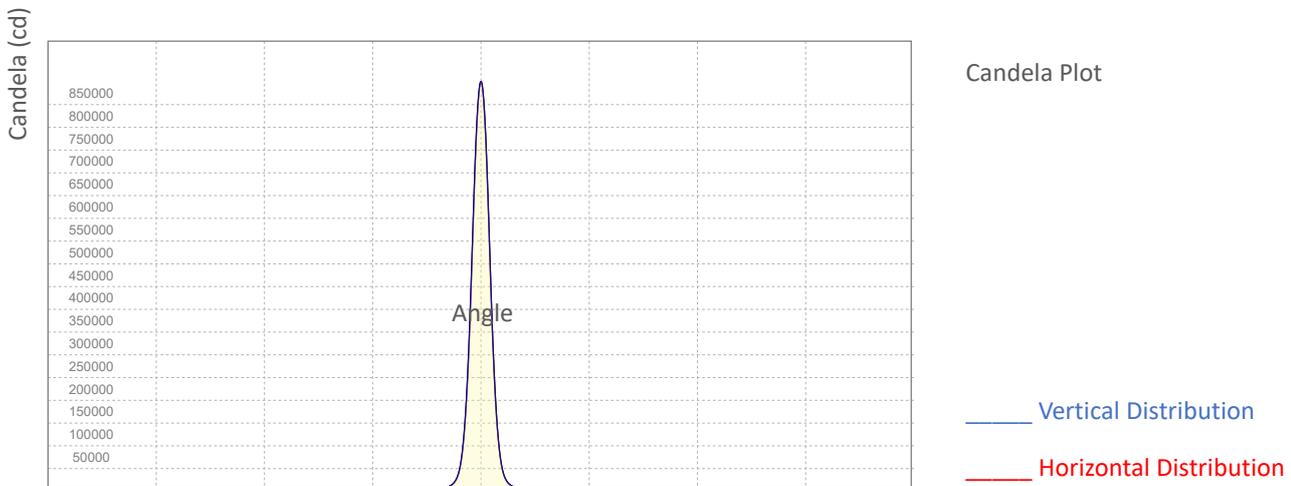
CRI: 72,7

Color Temperature

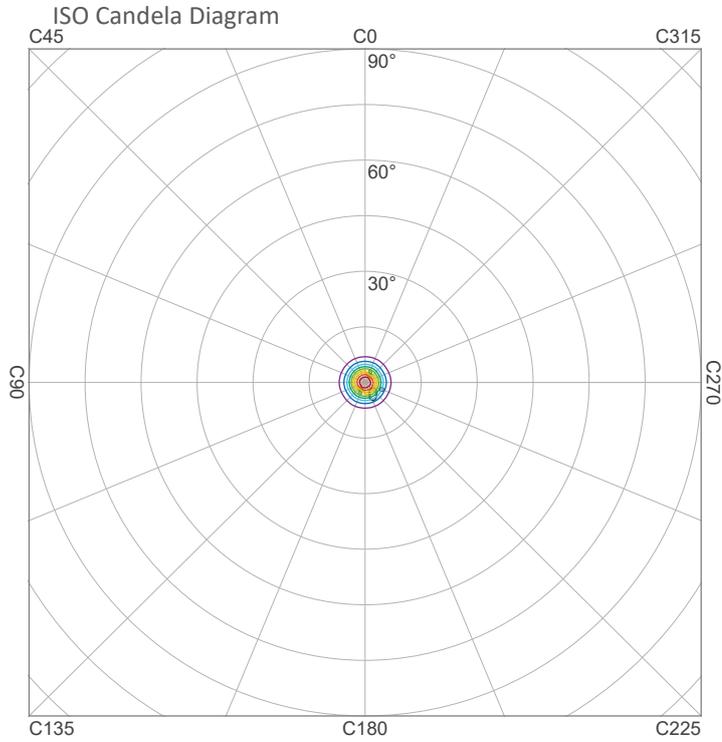
5706 K



Angle	Distance									
	1m / 3.3ft		3m / 9.8ft		5m / 16.4ft		7m / 23ft		10m / 32.8ft	
	Lux Center lx/fcd	Diameter m/feet								
Beam Angle: 8,2°	899230/ 83541	0,1/0,5	99914/ 9282	0,4/1,4	35969/ 3342	0,7/2,4	18352/ 1705	1/3,3	8992/ 835	1,4/4,7



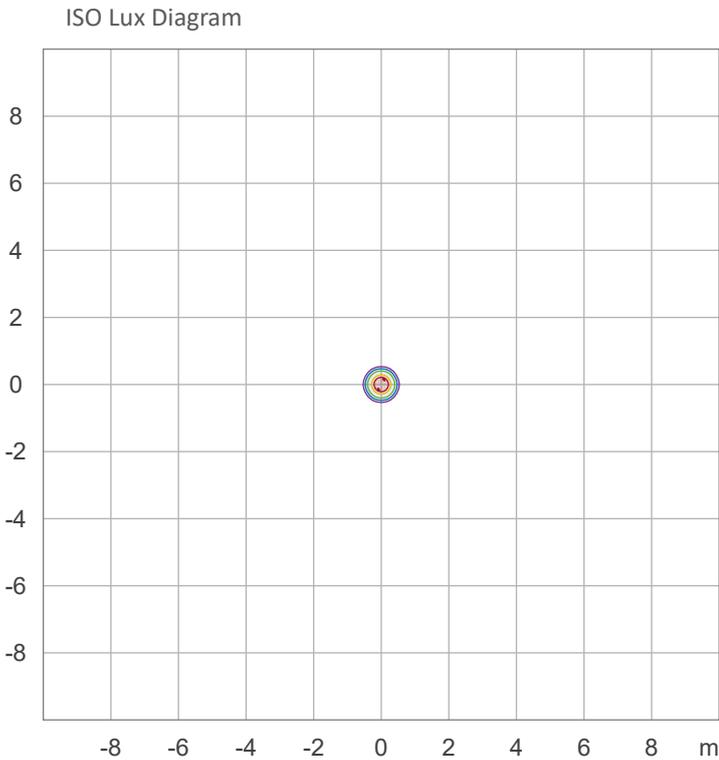
ISO Diagrams



90 %	809307,1 cd
80 %	719384,2 cd
70 %	629461,1 cd
60 %	539538,1 cd
50 %	449615,1 cd
40 %	359692,1 cd
30 %	269769,1 cd
20 %	179846,0 cd
10 %	89923,0 cd

Peak intensity: 899230,2 cd

Number of c-planes: 12



50,0 %	49957,2 lx
30,0 %	29974,3 lx
10,0 %	9991,4 lx
5,0 %	4995,7 lx
3,0 %	2997,4 lx

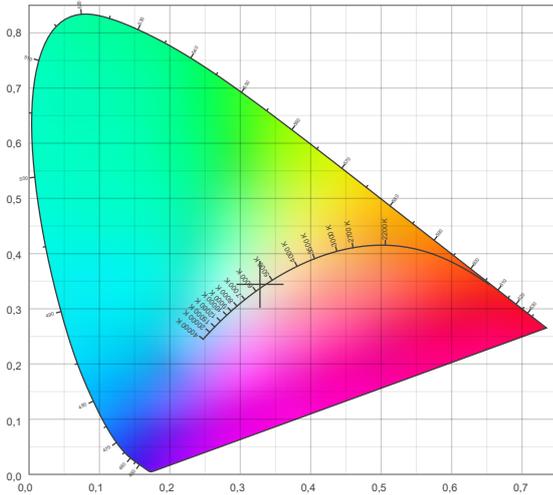
Peak illuminance: 99914,5 lx

Mounting height: 3,0 m

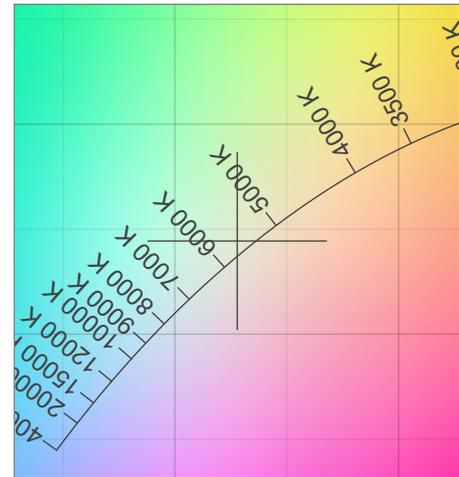
Number of c-planes: 12

Chromaticity

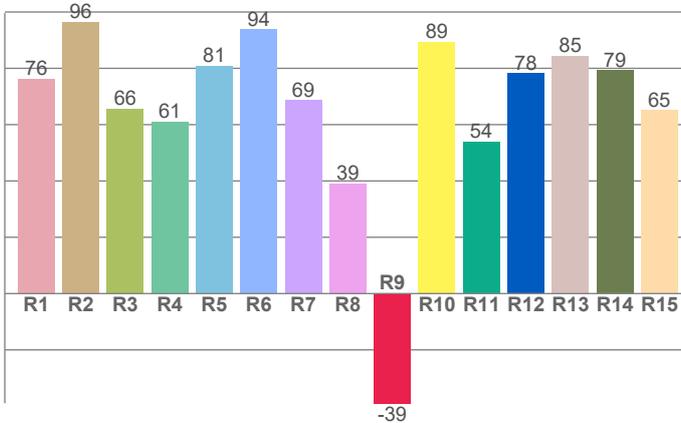
CIE 1931



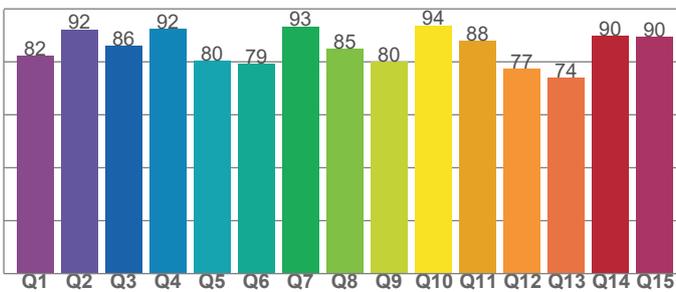
CIE 1931 - Zoom



CRI: 72,7 (R1-R8)



CQS: 84,3



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5706K	0,328	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0037	0,203	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
72,7	-39,0	84,3

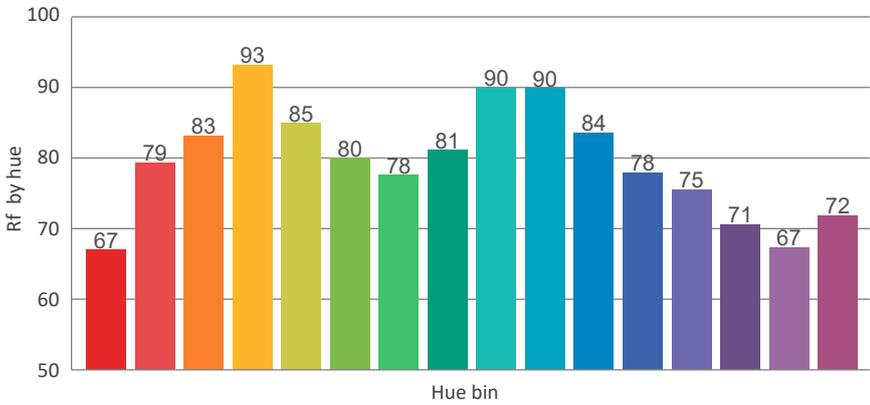
Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 - Rg
57	80,4	116,1

TM30 Details

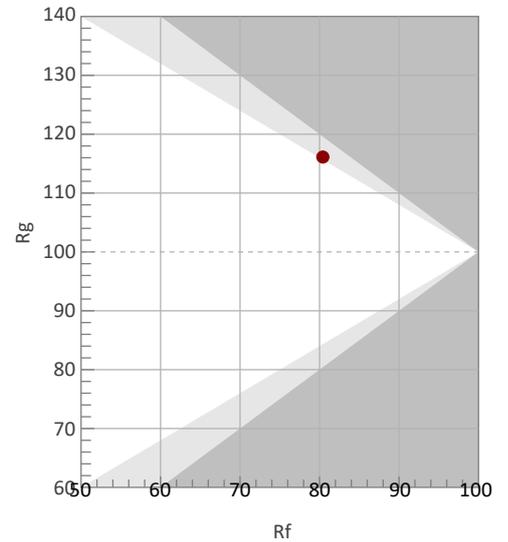
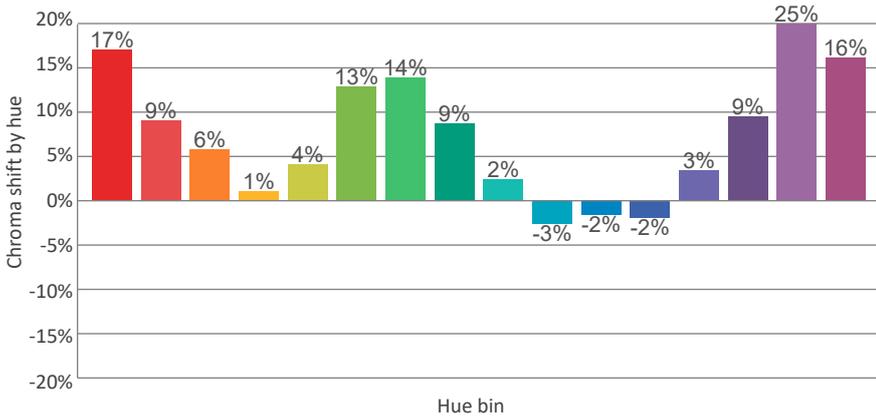
Rf 80,4
Fidelity Index Rf

Rg 116,1
Gamut Index Rg

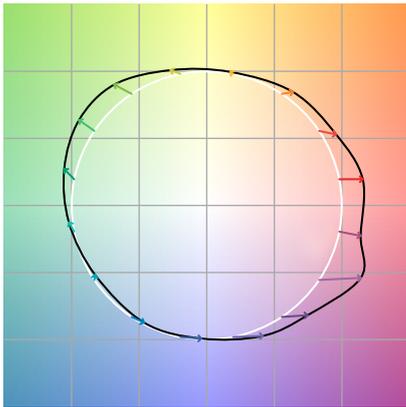
		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%



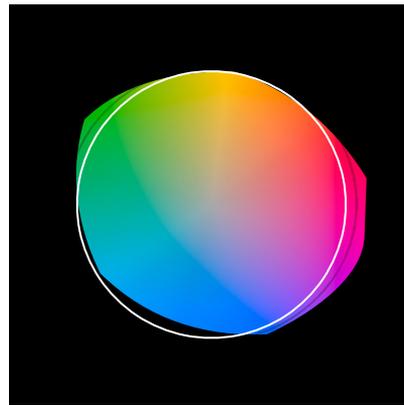
TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

