

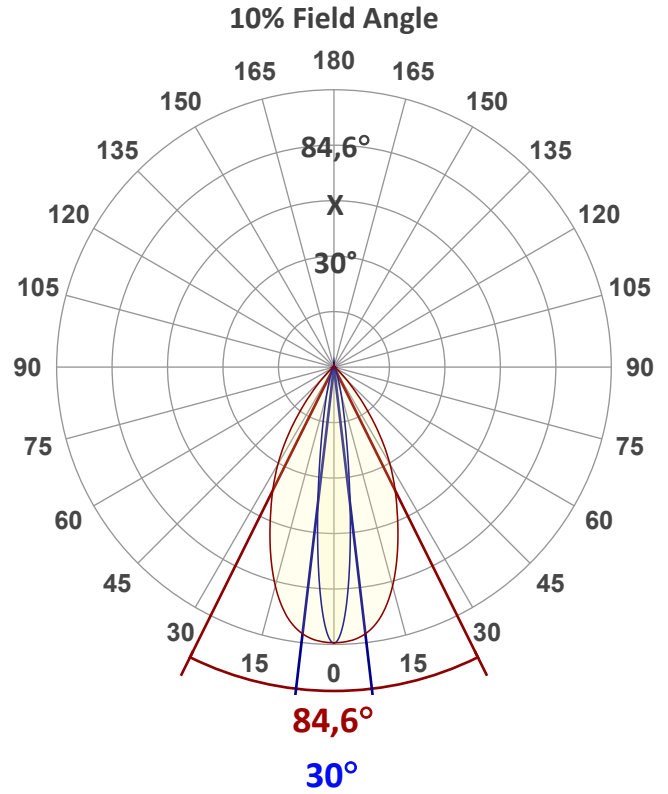
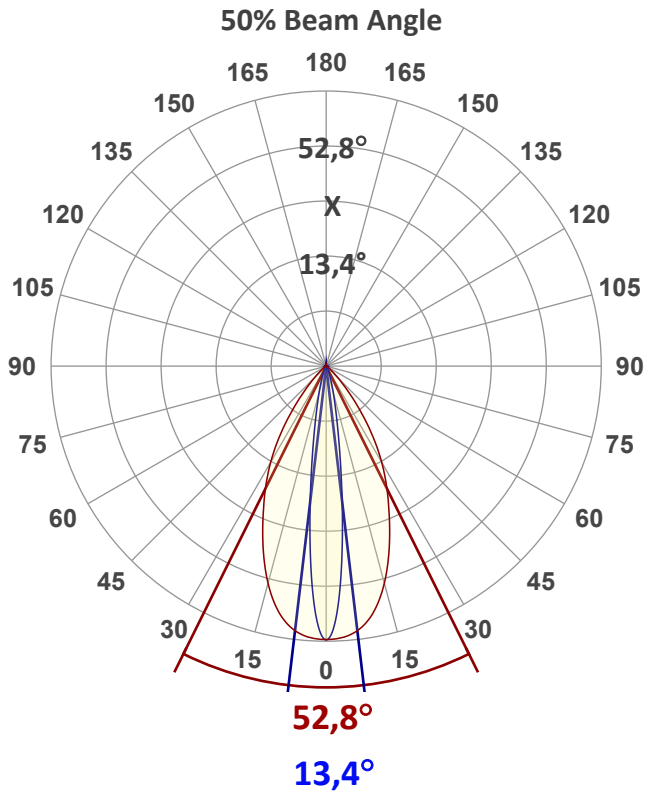
Report Summary



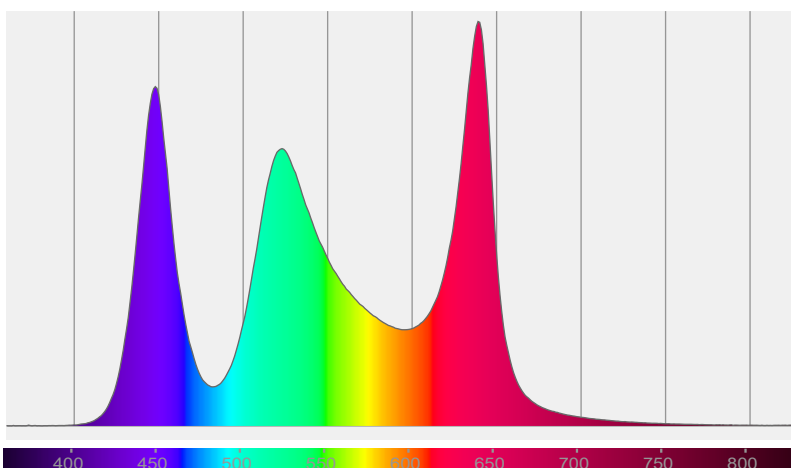
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 31003 lm / 67520 cd	Beam Angle (50%): 52,8°x13,4°	AC Supply: 223 V / 50 Hz
Fixture Efficiency: 59 lm/W	Field Angle (10%): 84,6°x30°	Power: 524,5 W
Intensity @ 5m: 2700 lx	Cutoff Angle (2,5%): 100,7°x 47,8°	Current: 2,42 A
Color Temperature: 5872 K		Power Factor: 0,98
CRI: 75,7		
CRI R9 Value: -10,5		
CQS: 85,9		
TLCI: 64		
TM-30 Rf: 81,8		
TM-30 Rg: 114,5		

Details



Spectral Distribution



CIE 1931

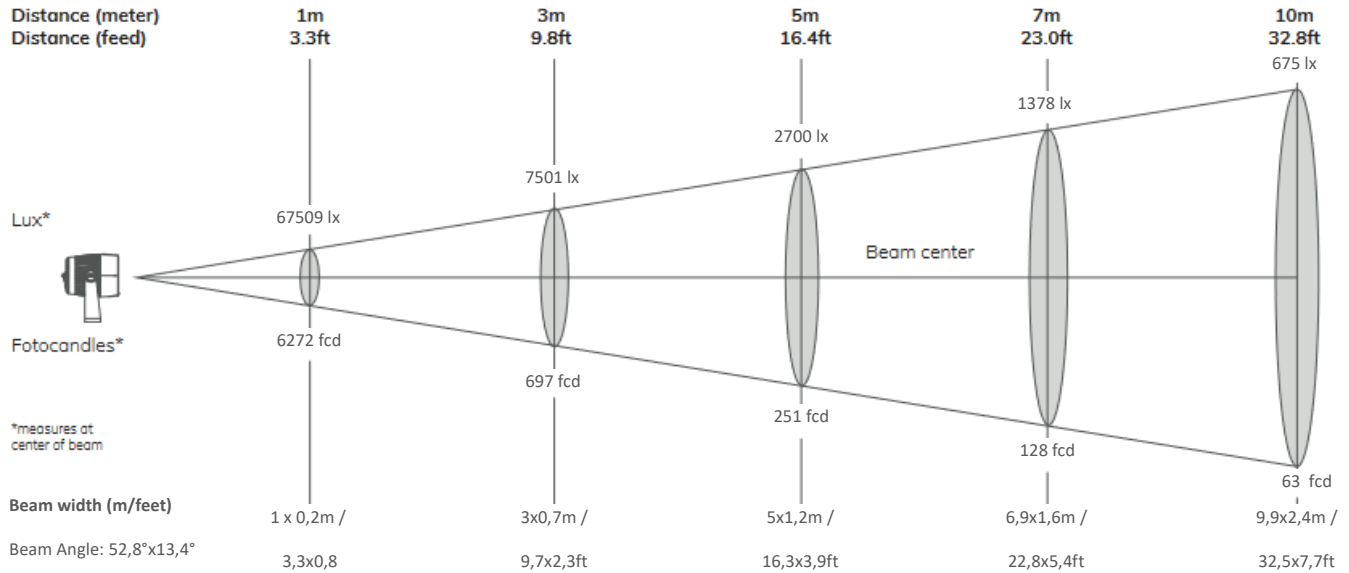
x: 0,324 y: 0,344

Light Quality

CRI: 75,7

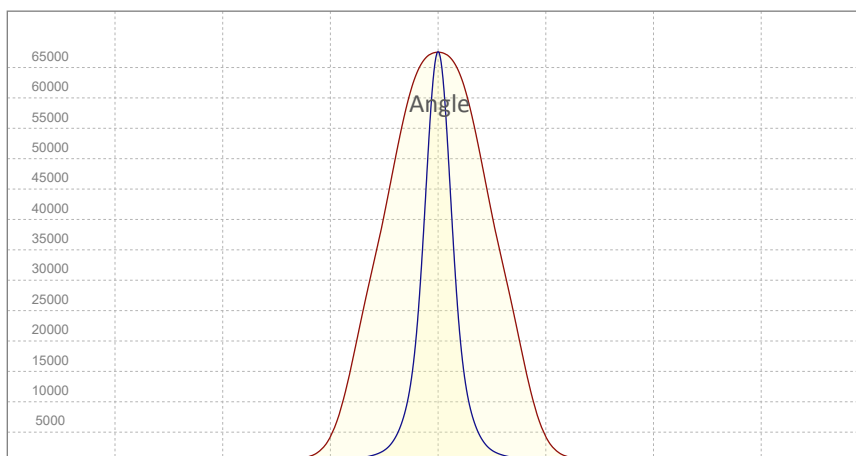
Color Temperature

5872 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: 52,8°x13,4°	67509/ 6272	1x0,2/ 3,3x0,8	7501/ 697	3x0,7/ 9,7x2,3	2700/ 251	5x1,2/ 16,3x3,9	1378/ 128	6,9x1,6/ 22,8x5,4	675/ 63	9,9x2,4/ 32,5x7,7

Candela (cd)

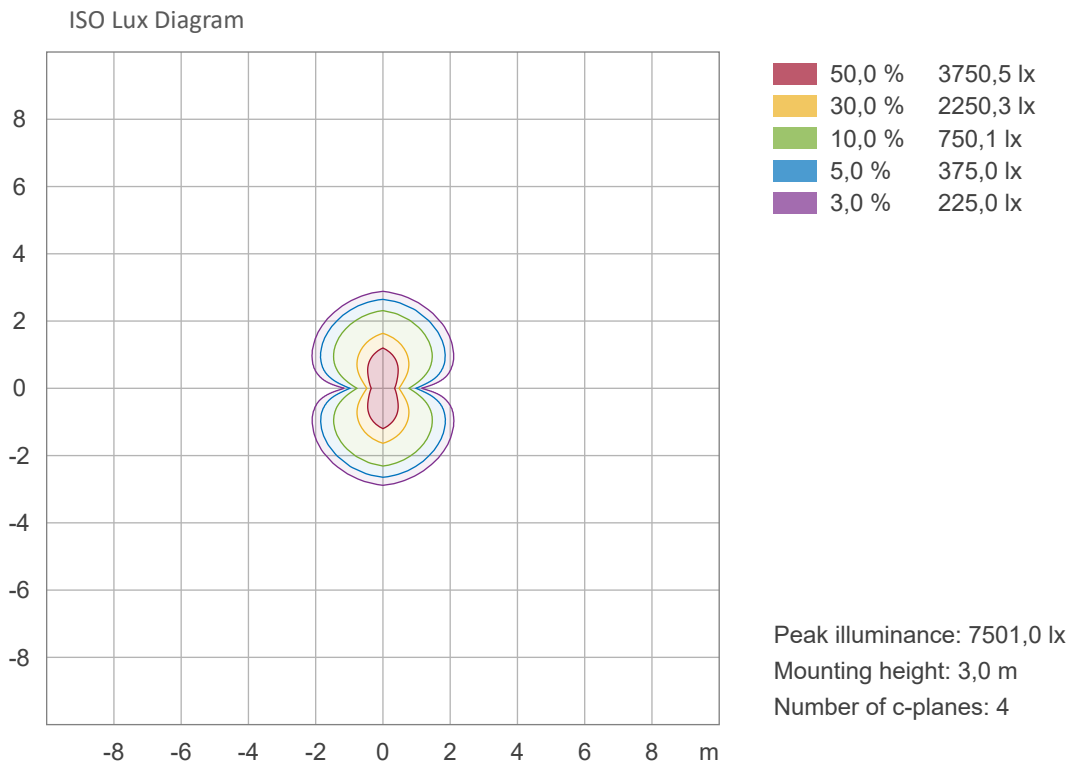
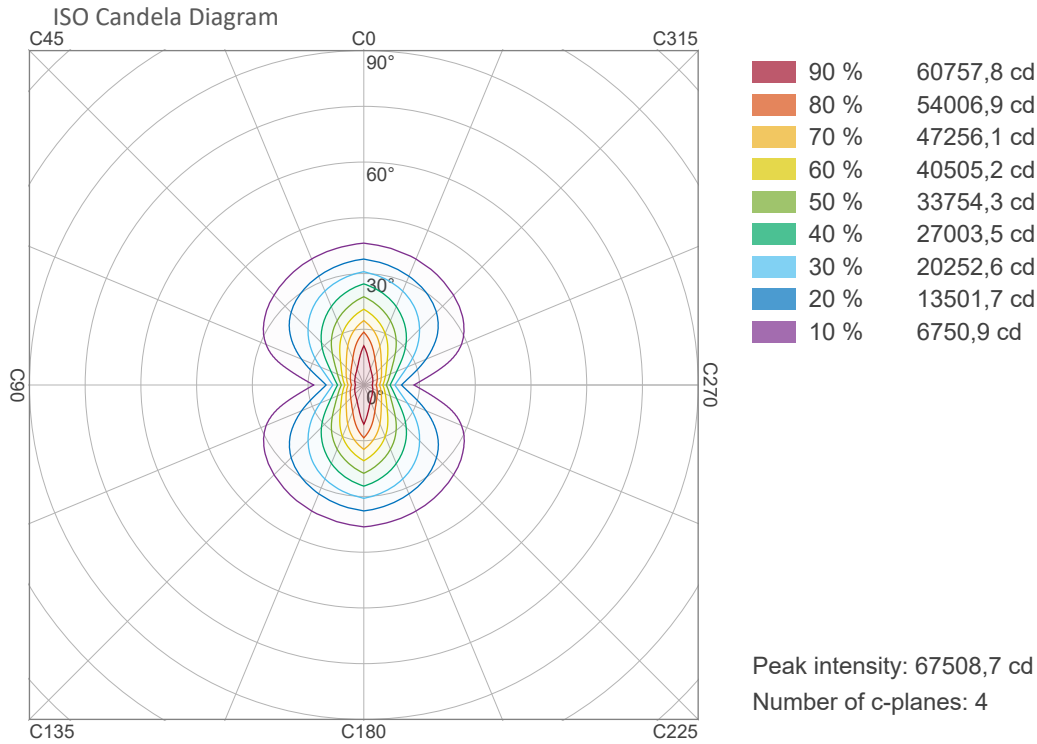


Candela Plot

Vertical Distribution

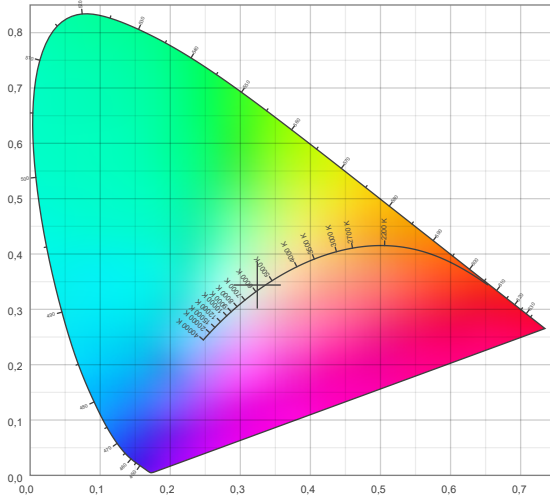
Horizontal Distribution

ISO Diagrams

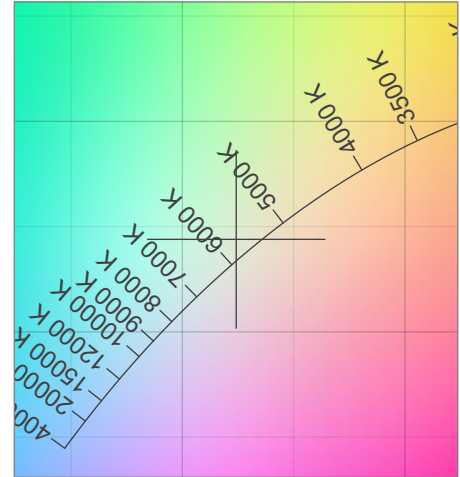


Chromaticity

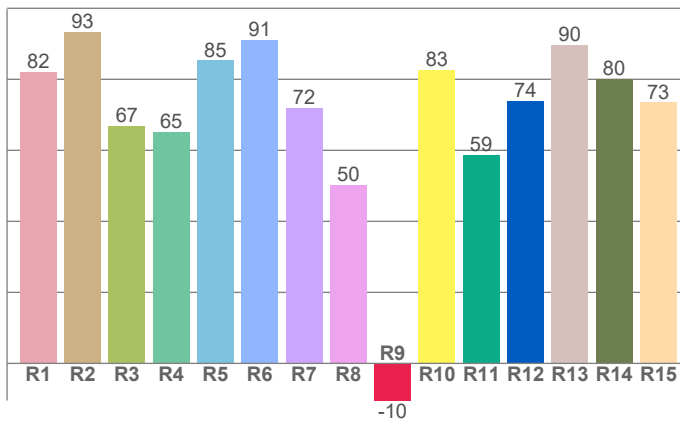
CIE 1931



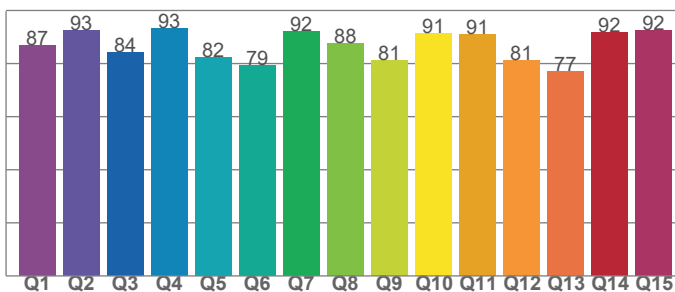
CIE 1931 - Zoom



CRI: 75,7 (R1-R8)



CQS: 85,9



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5872K	0,324	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0052	0,200	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
75,7	-10,5	85,9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
64	81,8	114,5

TM30 Details

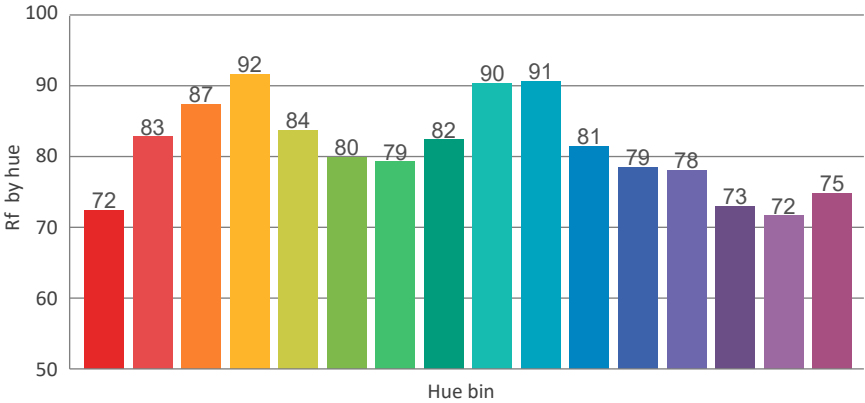
Rf 81,8

Fidelity Index Rf

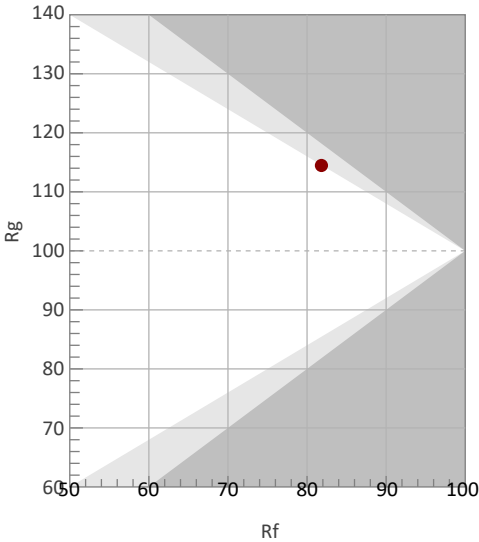
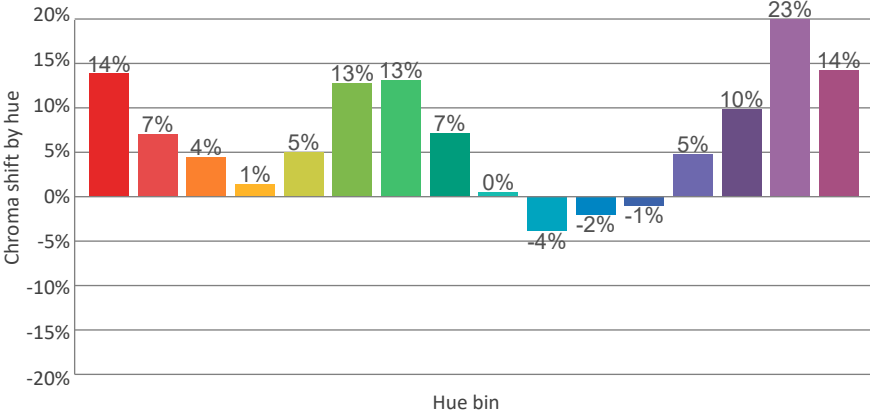
Rg 114,5

Gamut Index Rg

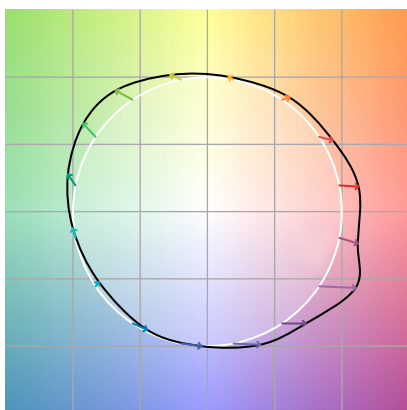
		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%



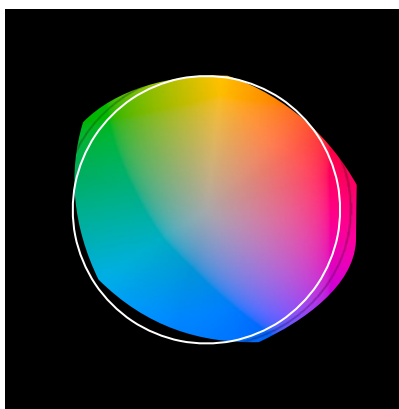
TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

