

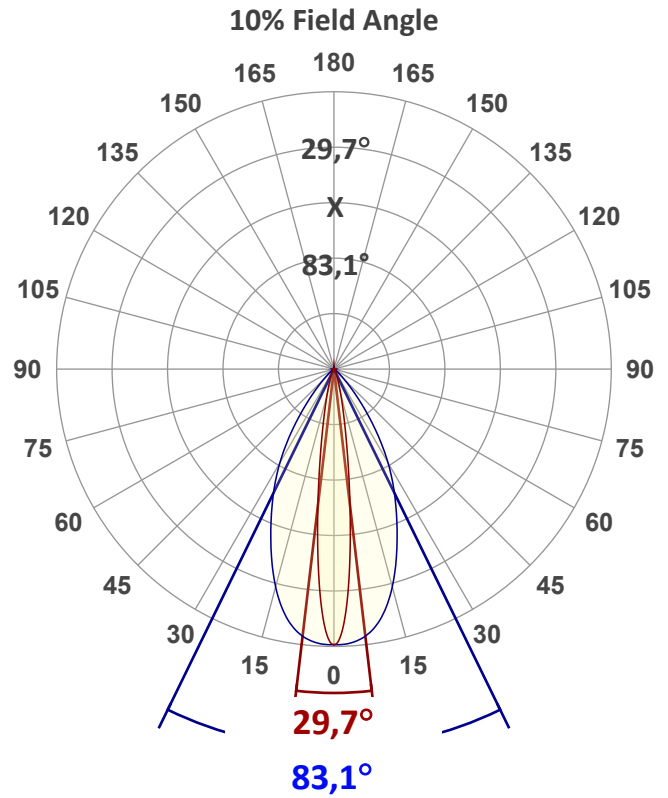
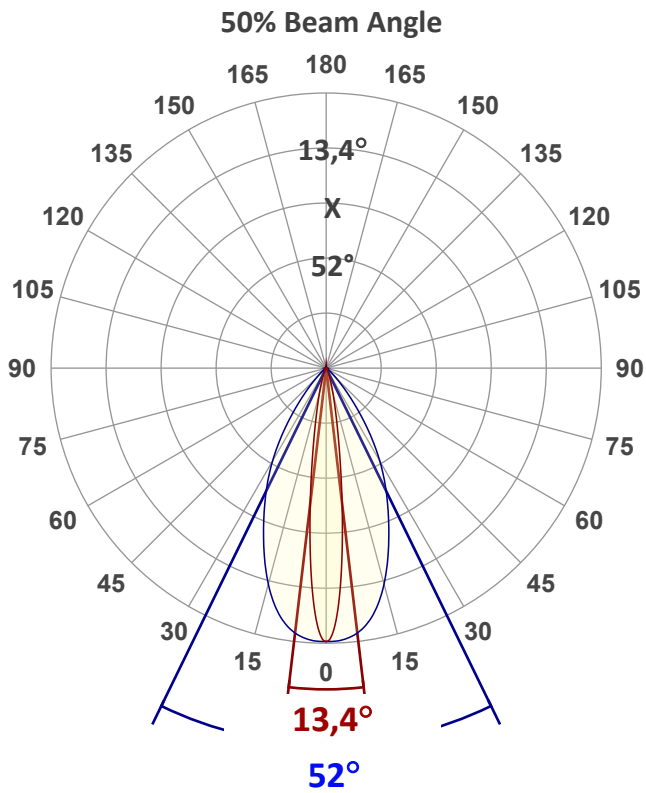
Report Summary



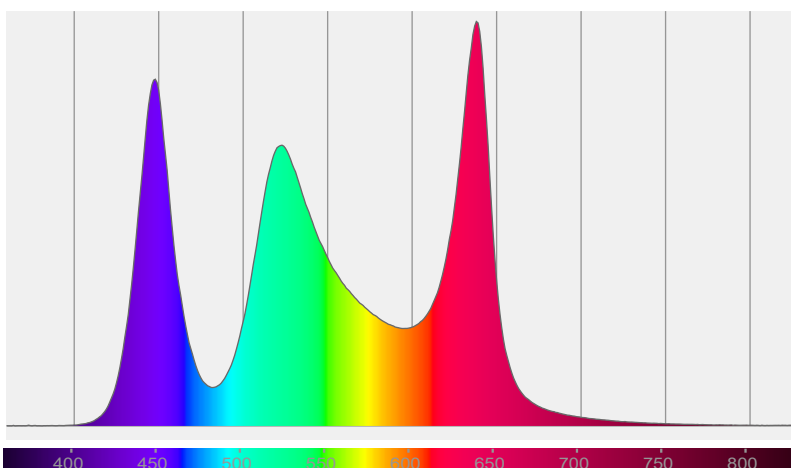
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 30814 lm / 69676 cd	Beam Angle (50%): 13,4°x52°	AC Supply: 223 V / 50 Hz
Fixture Efficiency: 59 lm/W	Field Angle (10%): 29,7°x83,1°	Power: 525,2 W
Intensity @ 5m: 2786 lx	Cutoff Angle (2,5%): 46,8°x 98,4°	Current: 2,42 A
Color Temperature: 5882 K		Power Factor: 0,98
CRI: 76,0		
CRI R9 Value: -6,9		
CQS: 85,9		
TLCI: 65		
TM-30 Rf: 81,9		
TM-30 Rg: 114,5		

Details



Spectral Distribution



CIE 1931

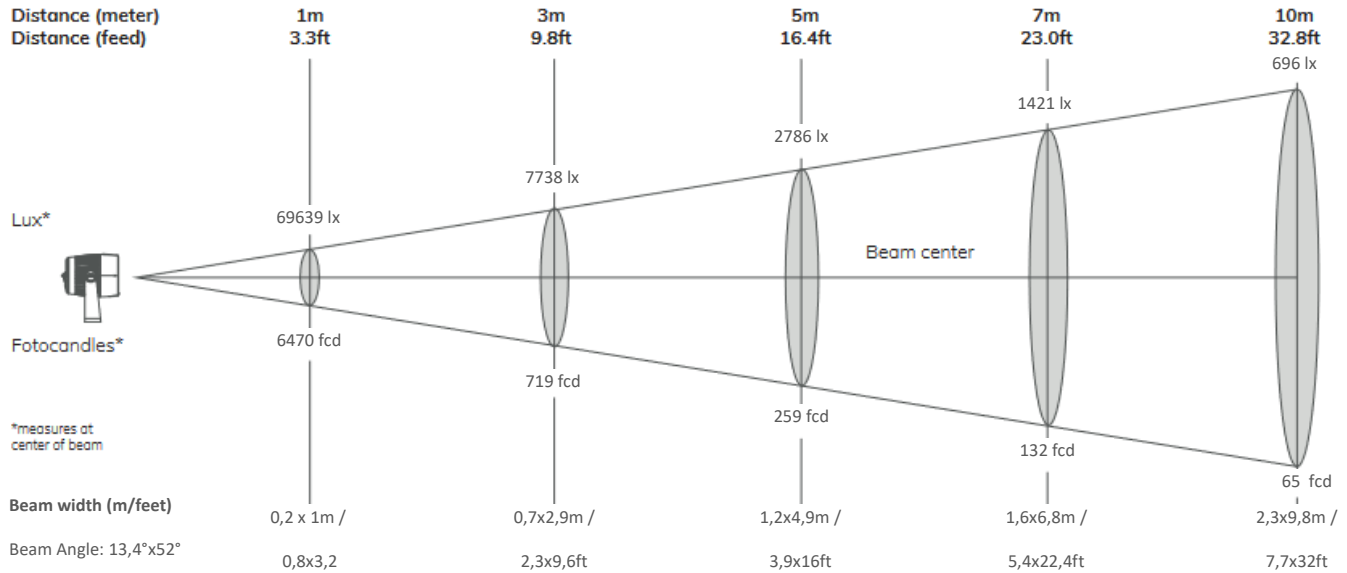
x: 0,324 y: 0,344

Light Quality

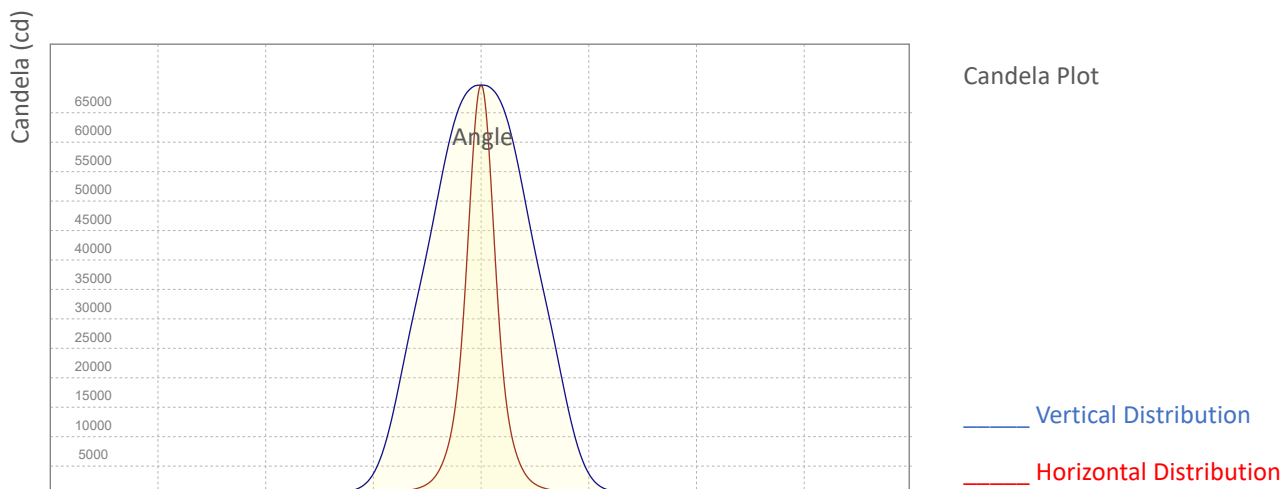
CRI: 76,0

Color Temperature

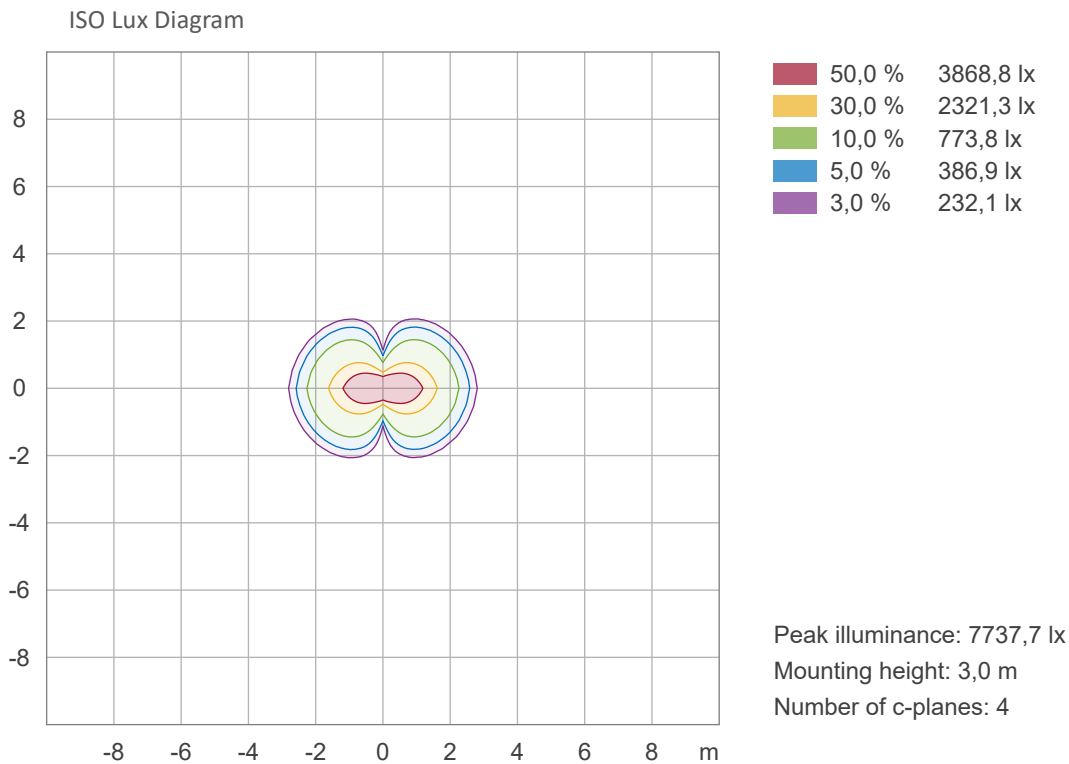
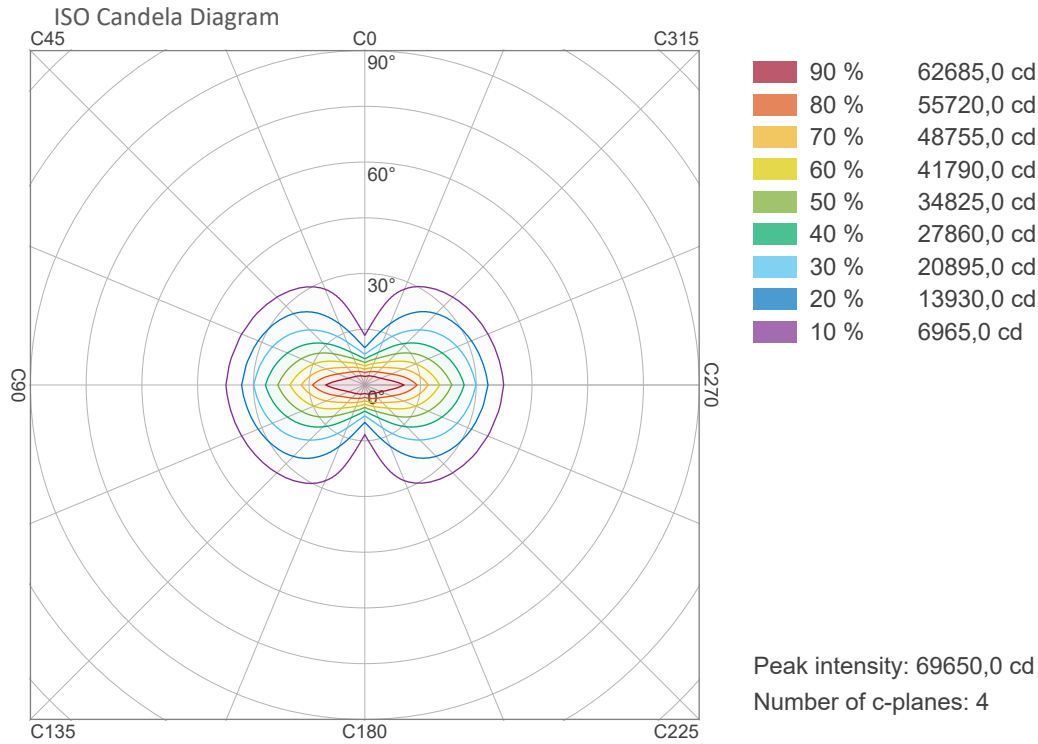
5882 K



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: 13,4°x52°	69639/ 6470	0,2x1/ 0,8x3,2	7738/ 719	0,7x2,9/ 2,3x9,6	2786/ 259	1,2x4,9/ 3,9x16	1421/ 132	1,6x6,8/ 5,4x22,4	696/ 65	2,3x9,8/ 7,7x32

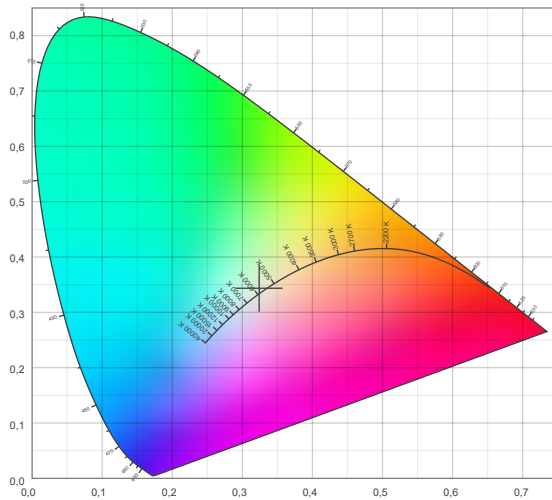


ISO Diagrams

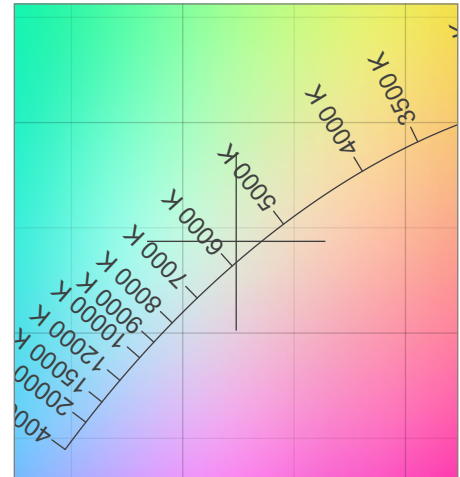


Chromaticity

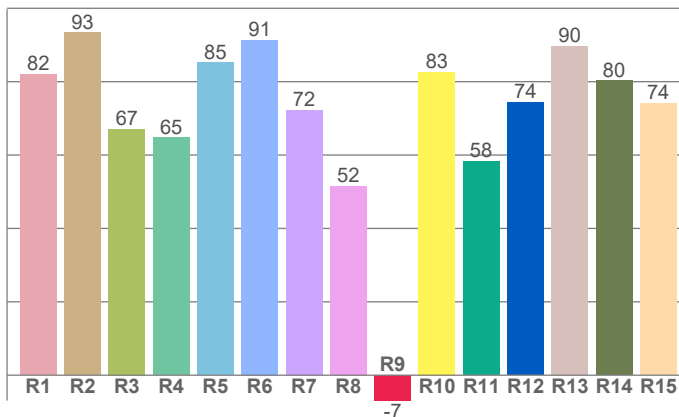
CIE 1931



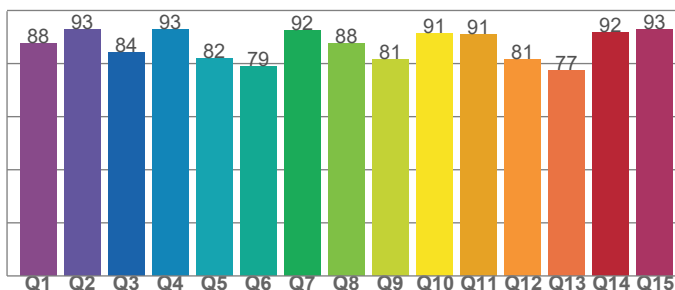
CIE 1931 - Zoom



CRI: 76,0 (R1-R8)



CQS: 85,9



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5882K	0,324	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0051	0,200	0,318

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
76,0	-6,9	85,9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
65	81,9	114,5

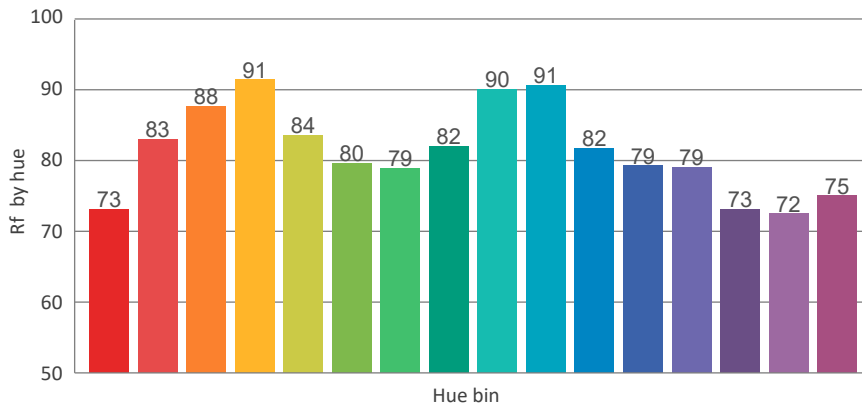
TM30 Details

Rf 81,9

Fidelity Index Rf

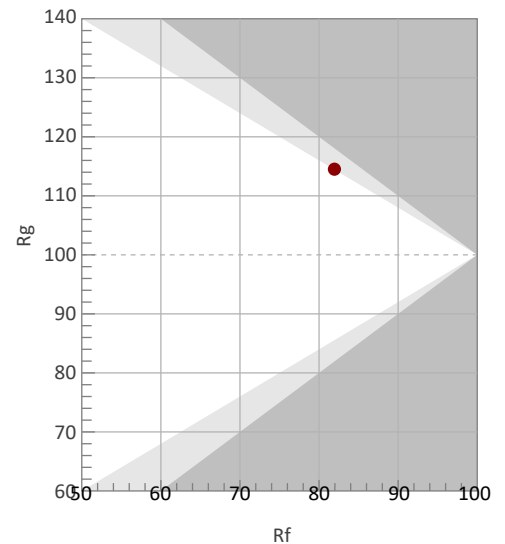
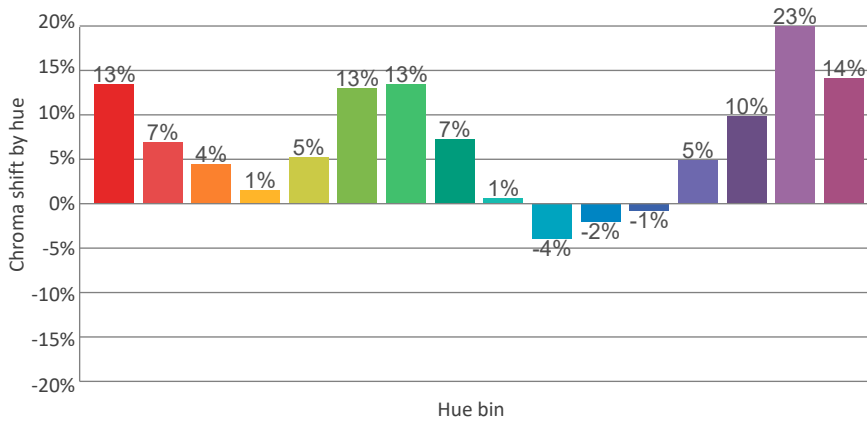
Rg 114,5

Gamut Index Rg

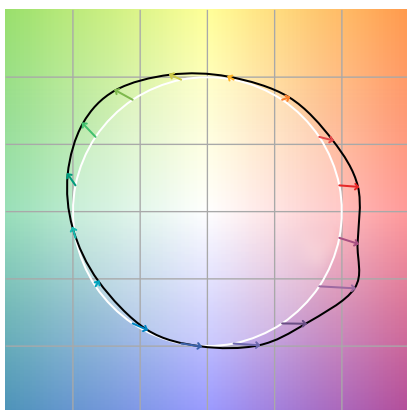


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

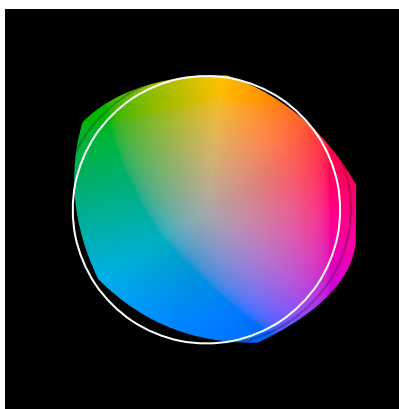
TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

