

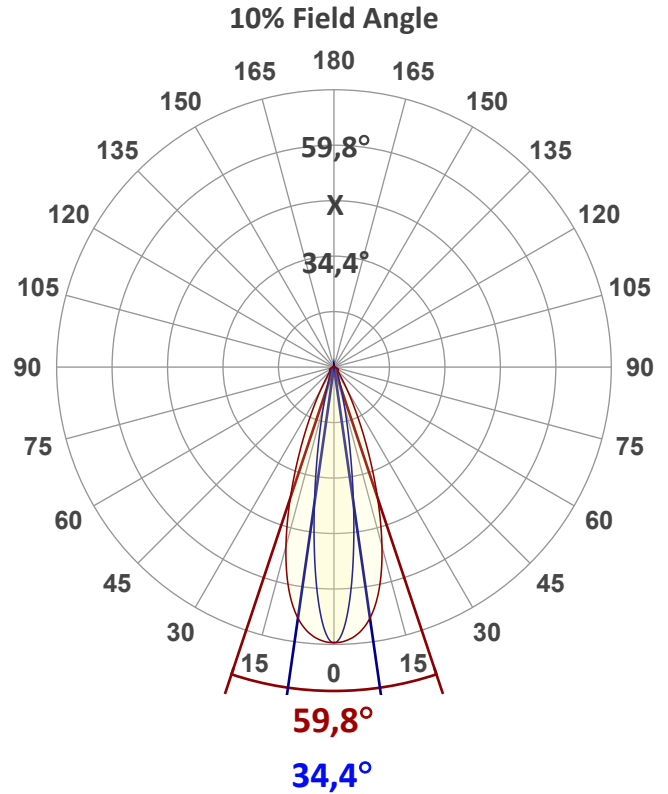
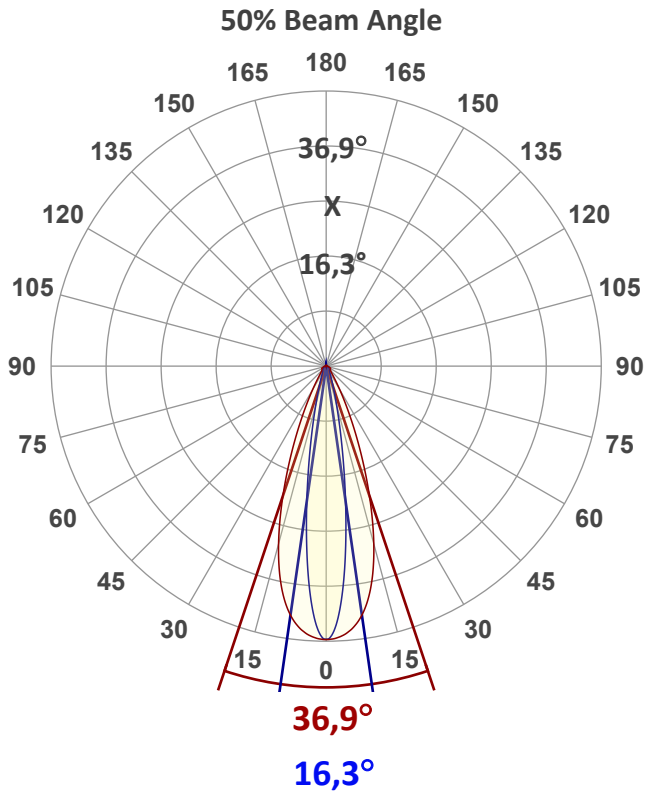
Report Summary



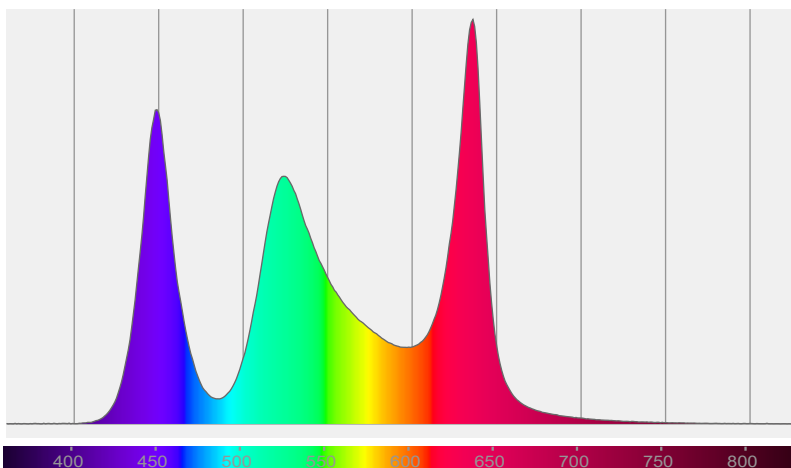
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 3268 lm / 11619 cd	Beam Angle (50%): 36,9°x16,3°	AC Supply: 224 V / 50 Hz
Fixture Efficiency: 38 lm/W	Field Angle (10%): 59,8°x34,4°	Power: 86,9 W
Intensity @ 5m: 465 lx	Cutoff Angle (2,5%): 84,9°x 63°	Current: 0,465 A
Color Temperature: 5731 K		Power Factor: 0,83
CRI: 73,9		
CRI R9 Value: -16,0		
CQS: 85,0		
TLCI: 62		
TM-30 Rf: 80,6		
TM-30 Rg: 115,5		

Details



Spectral Distribution



CIE 1931

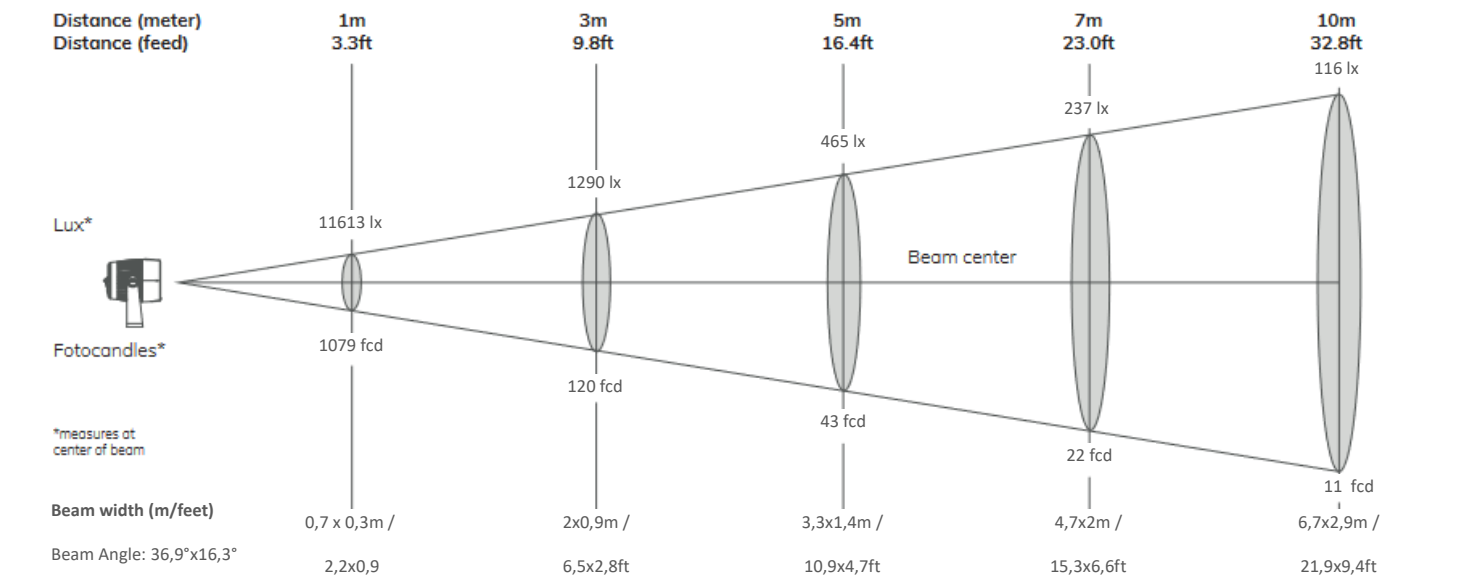
x: 0,327 y: 0,344

Light Quality

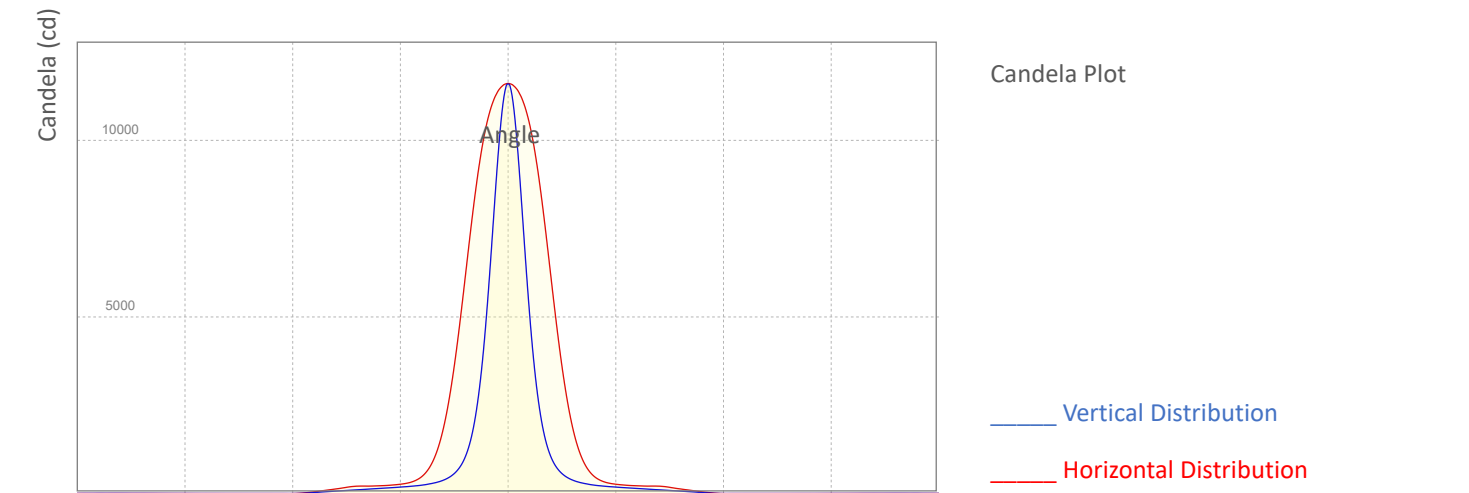
CRI: 73,9

Color Temperature

5731 K

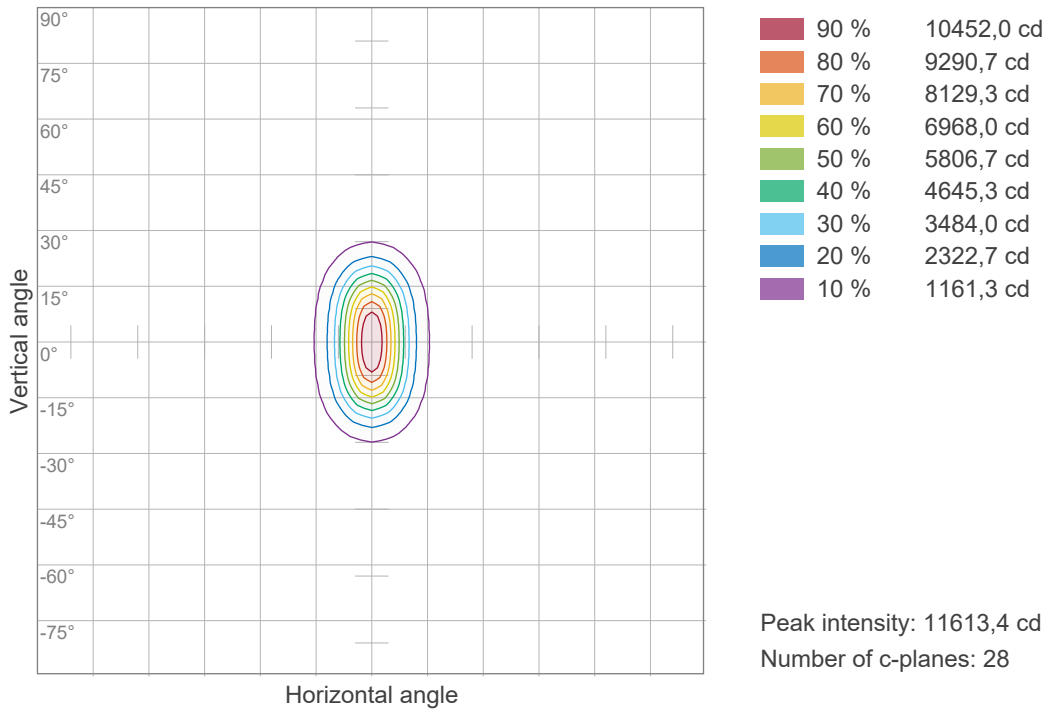


Angle	Distance									
	1m / 3.3ft		3m / 9.8ft		5m / 16.4ft		7m / 23ft		10m / 32.8ft	
	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet
Beam Angle: 36,9°x16,3°	11613/ 1079	0,7x0,3/ 2,2x0,9	1290/ 120	2x0,9/ 6,5x2,8	465/ 43	3,3x1,4/ 10,9x4,7	237/ 22	4,7x2/ 15,3x6,6	116/ 11	6,7x2,9/ 21,9x9,4

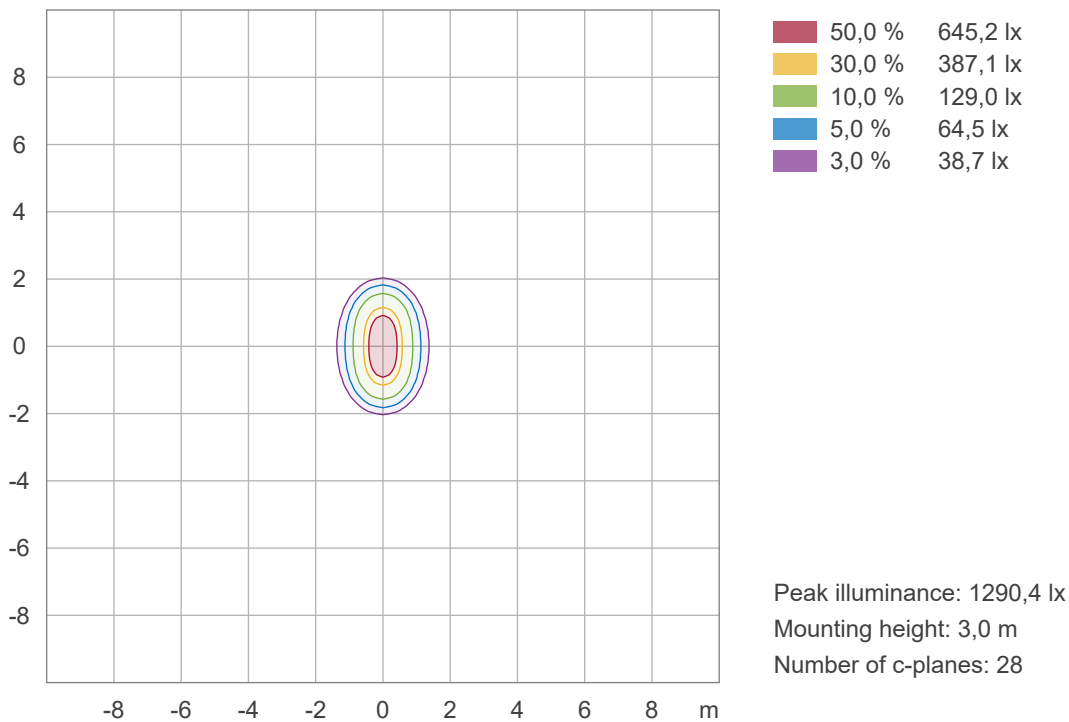


ISO Diagrams

ISO Candela Diagram

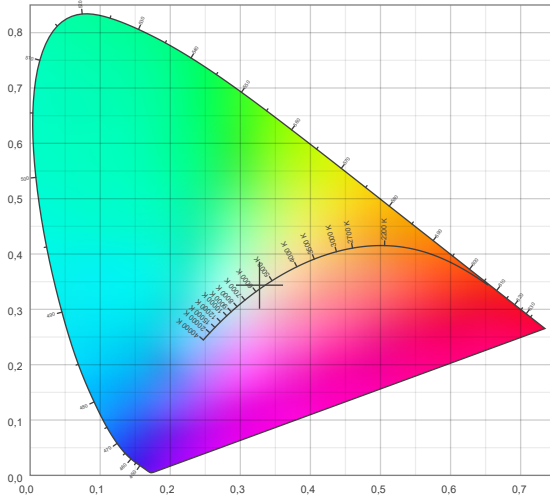


ISO Lux Diagram

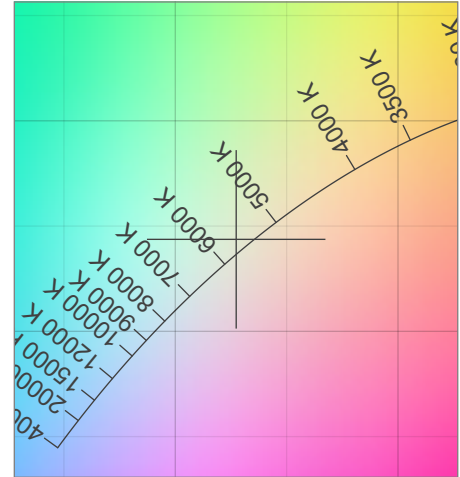


Chromaticity

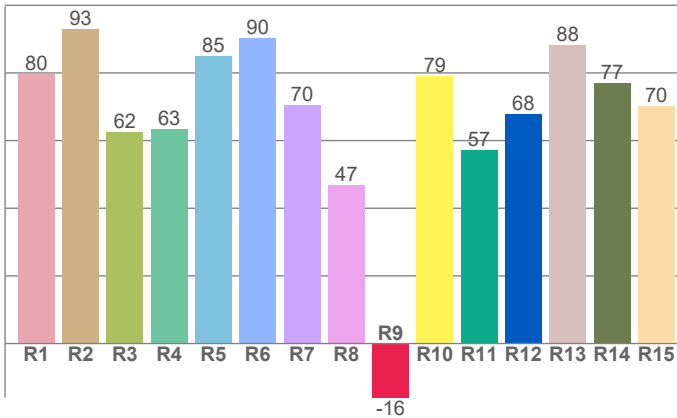
CIE 1931



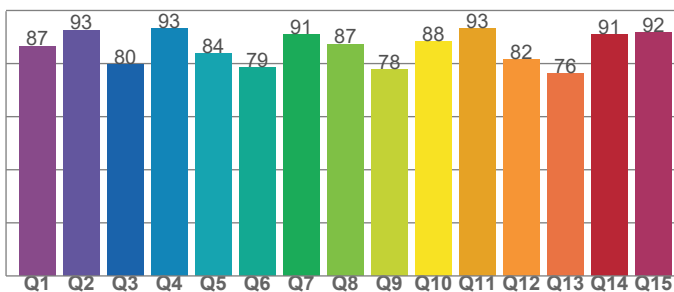
CIE 1931 - Zoom



CRI: 73,9 (R1-R8)



CQS: 85,0



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5731K	0,327	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0004	0,202	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
73,9	-16,0	85,0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
62	80,6	115,5

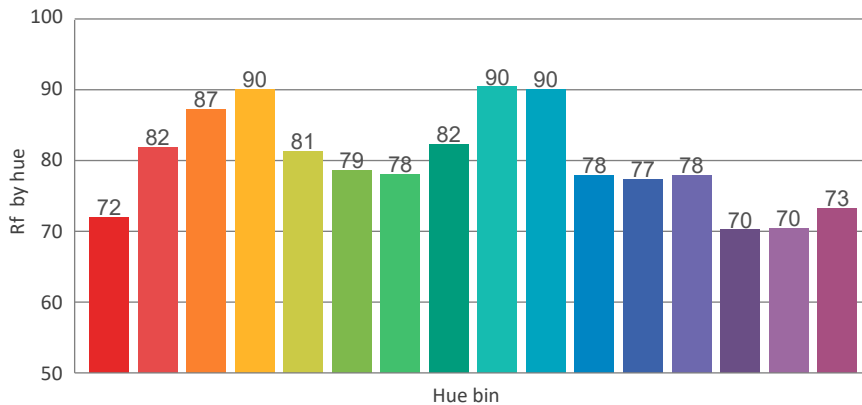
TM30 Details

Rf 80,6

Fidelity Index Rf

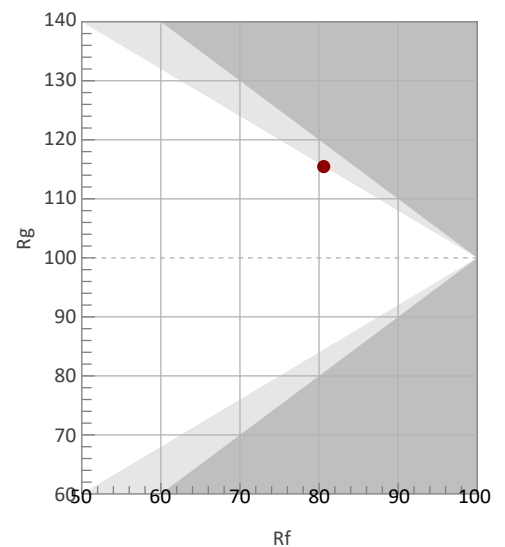
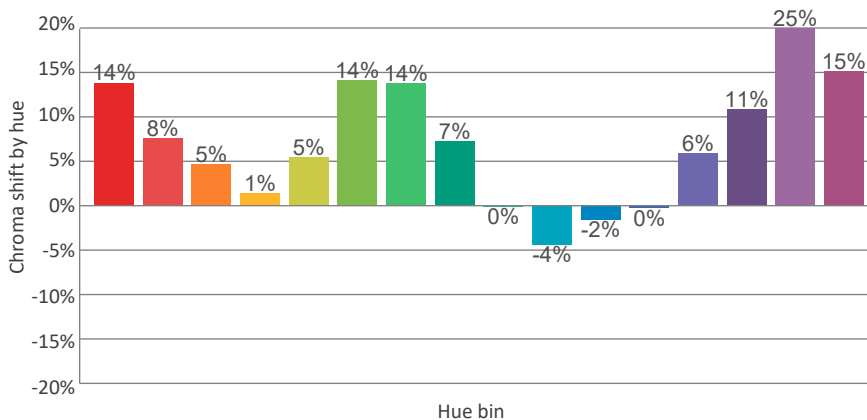
Rg 115,5

Gamut Index Rg

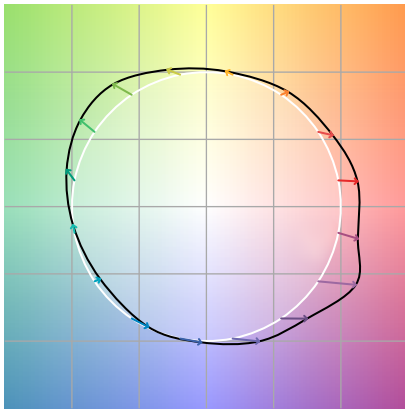


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

