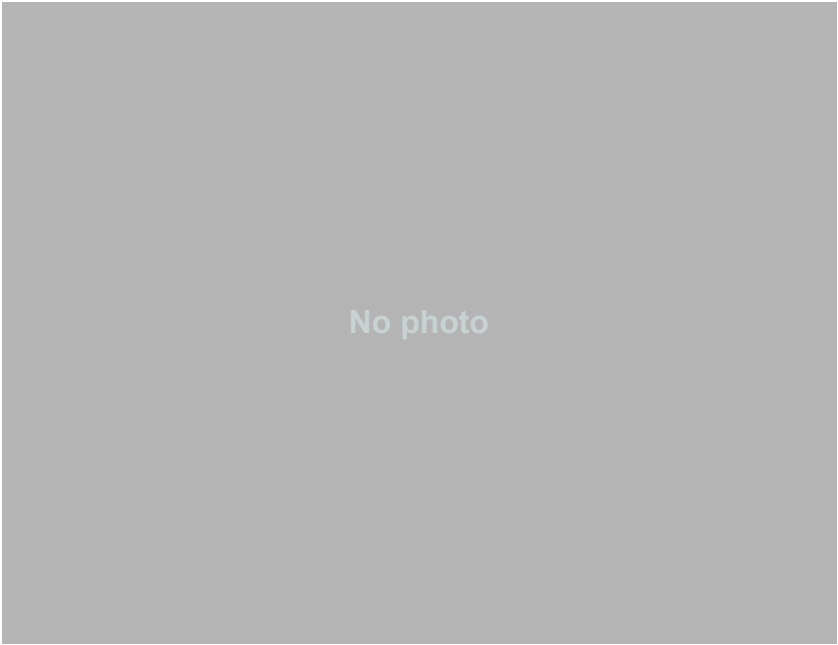


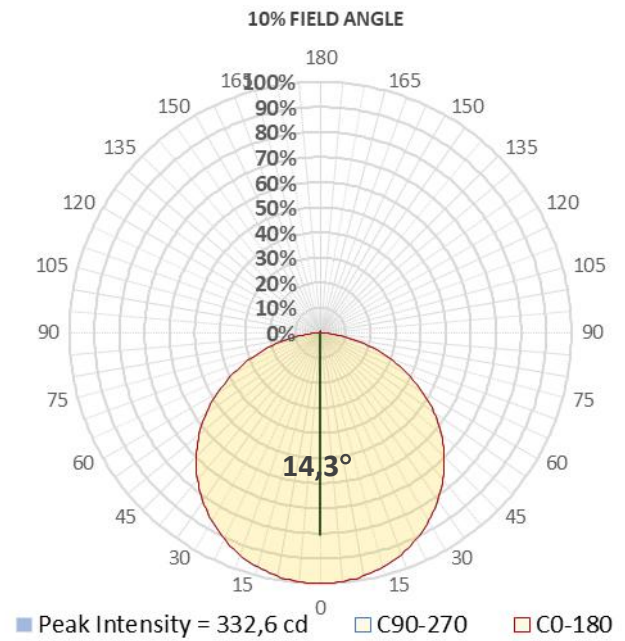
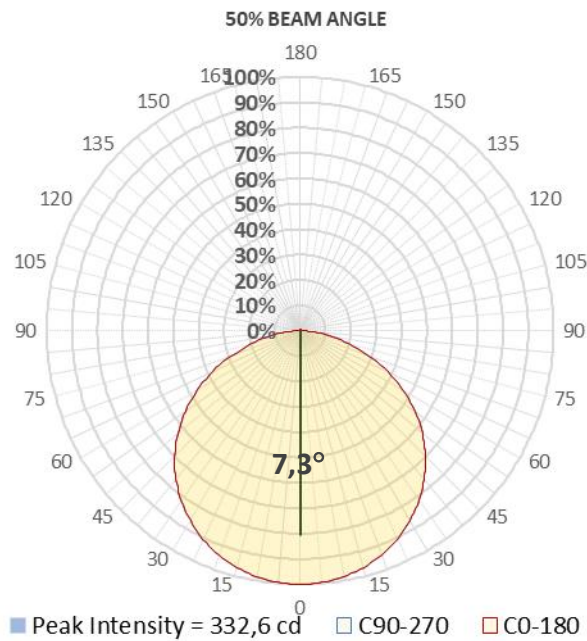
Report Summary



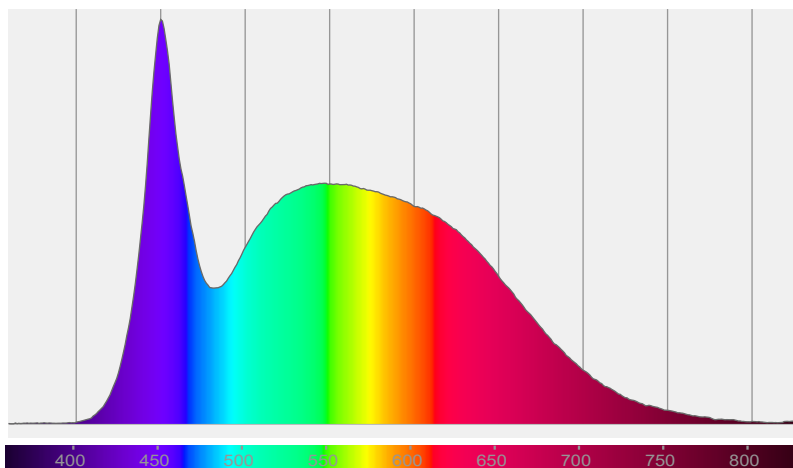
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 13737 lm / 340941 cd	Beam Angle (50%): 7,3°	AC Supply: 227 V / 50 Hz
Fixture Efficiency: 55 lm/W	Field Angle (10%): 14,3°	Power: 247,9 W
Intensity @ 5m: 11882 lx	Cutoff Angle (2,5%): 31,6°	Current: 1,14 A
Color Temperature: 5620 K		Power Factor: 0,96
CRI: 89,2		
CRI R9 Value: 48,8		
CQS: 87,4		
TLCI: 91		
TM-30 Rf: 88,5		
TM-30 Rg: 98,2		

Details



Spectral Distribution



CIE 1931

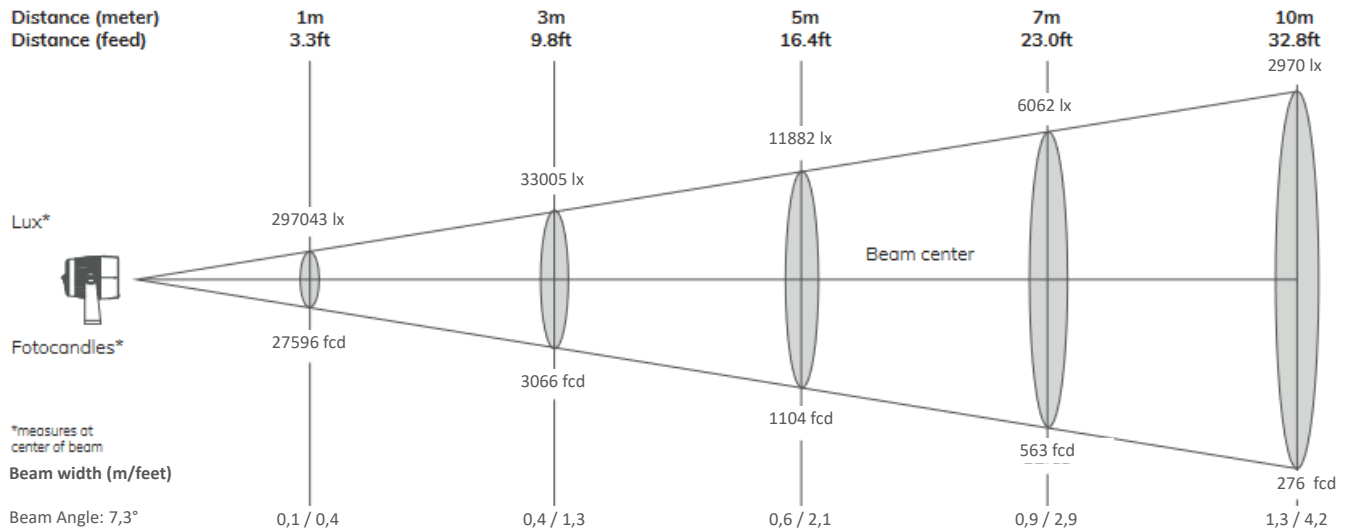
x: 0,330 y: 0,344

Light Quality

CRI: 89,2

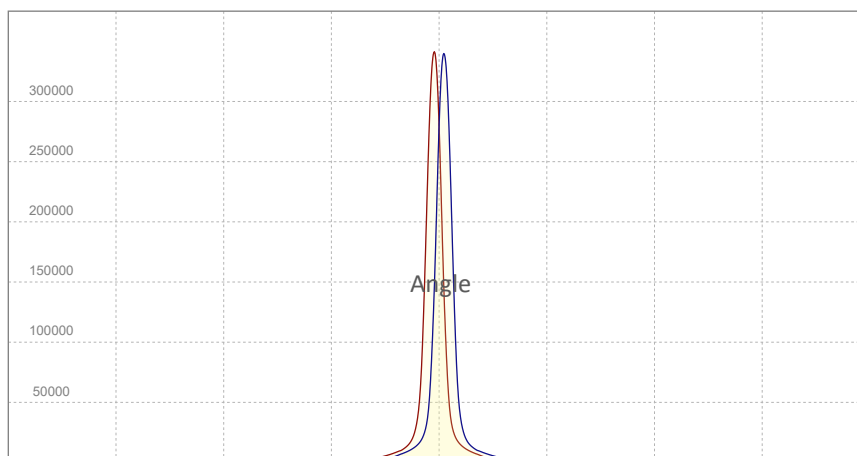
Color Temperature

5620 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: 7,3°	297043/ 27596	0,1/0,4	33005/ 3066	0,4/1,3	11882/ 1104	0,6/2,1	6062/ 563	0,9/2,9	2970/ 276	1,3/4,2

Candela (cd)

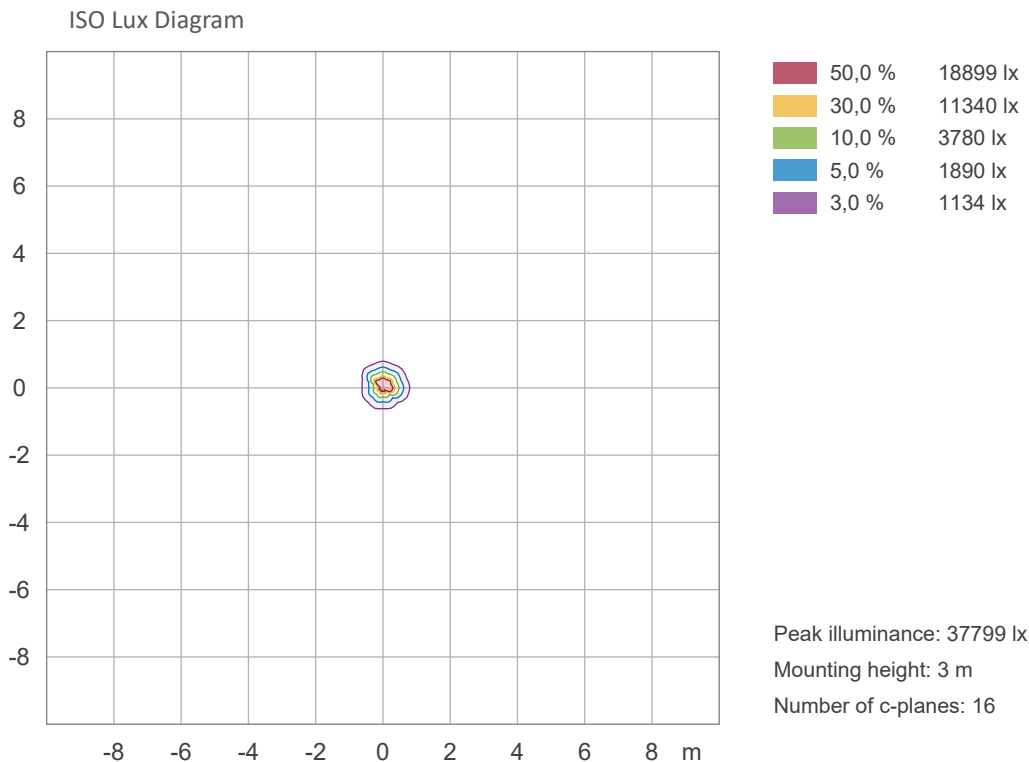
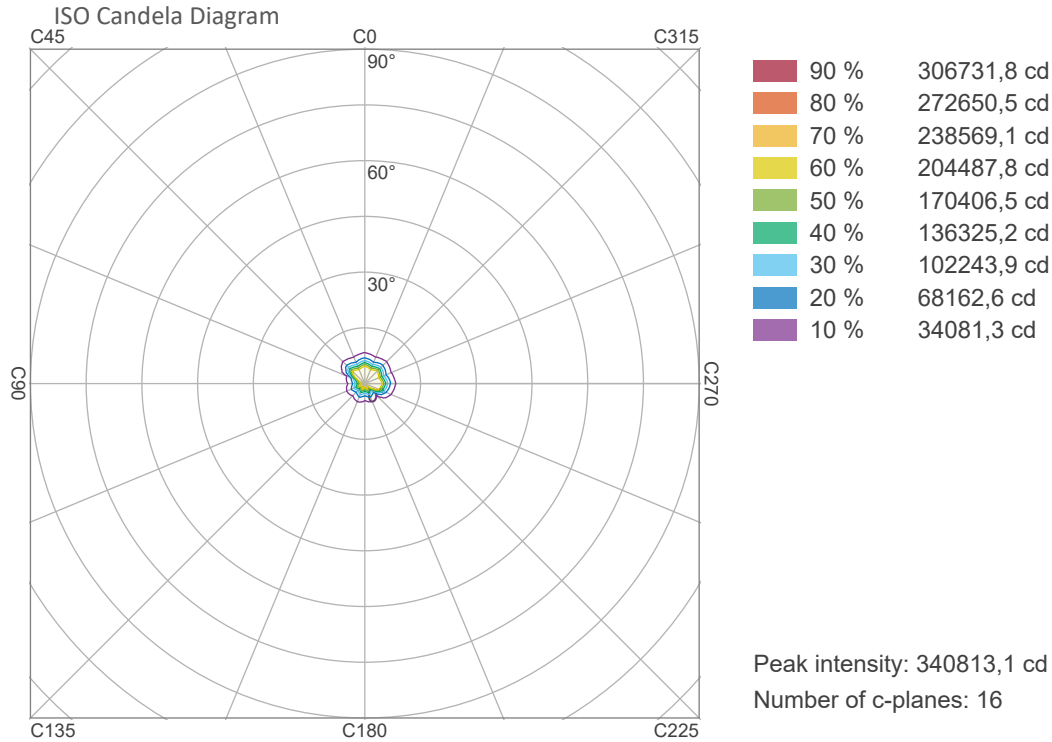


Candela Plot

Vertical Distribution

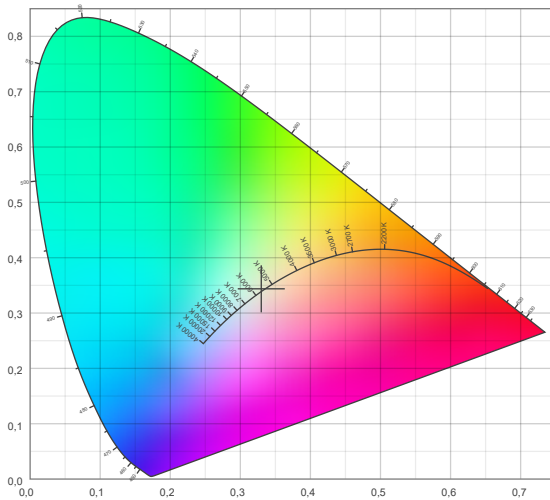
Horizontal Distribution

ISO Diagrams

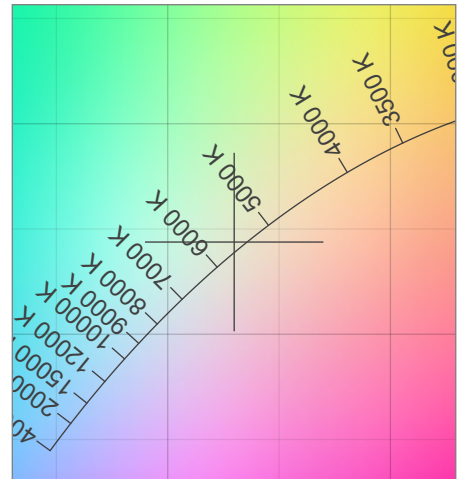


Chromaticity

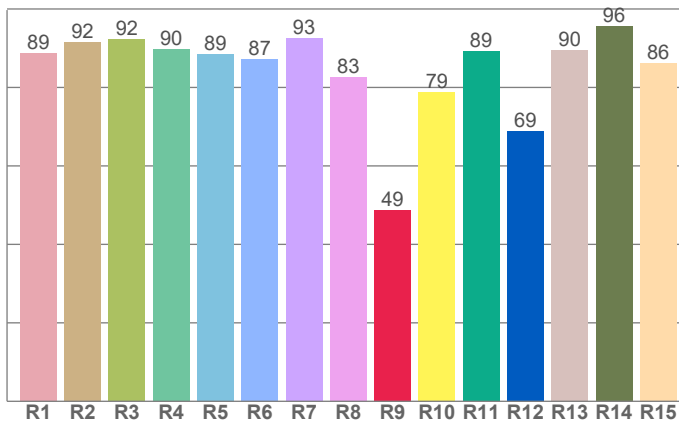
CIE 1931



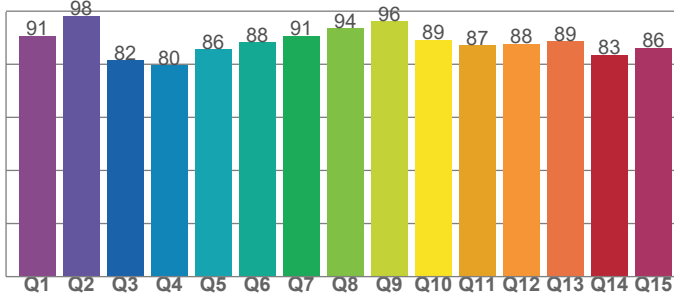
CIE 1931 - Zoom



CRI: 89,2 (R1-R8)



CQS: 87,4



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5620K	0,330	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0026	0,204	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
89,2	48,8	87,4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
91	88,5	98,2

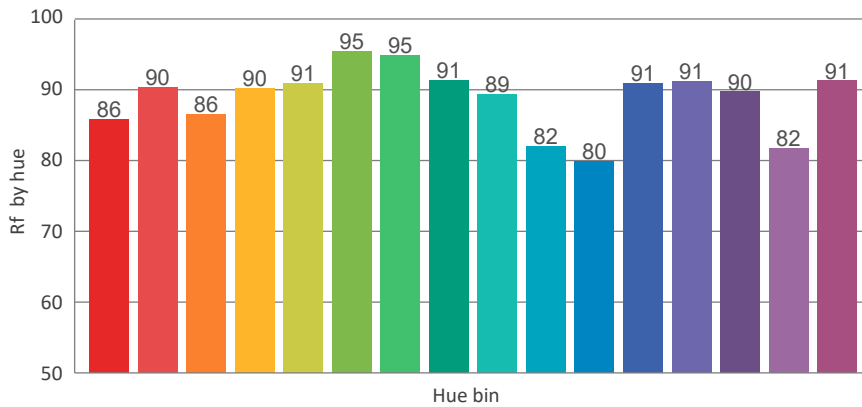
TM30 Details

Rf 88,5

Fidelity Index Rf

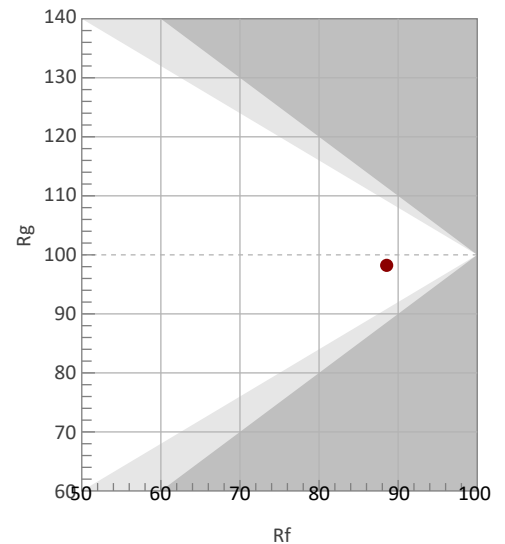
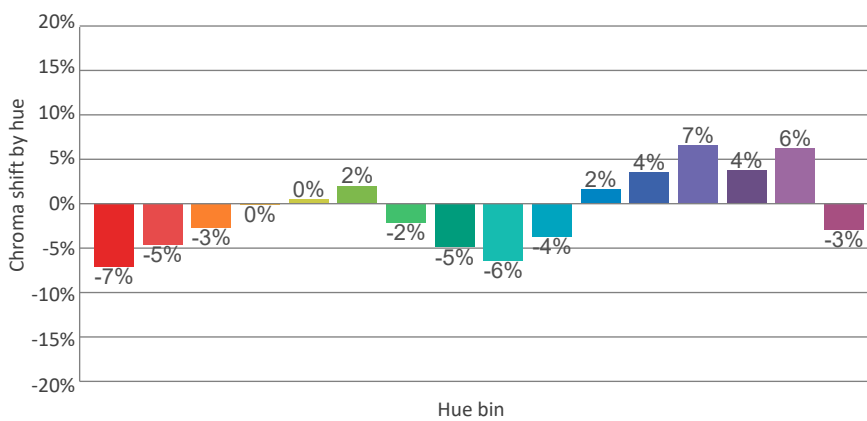
Rg 98,2

Gamut Index Rg

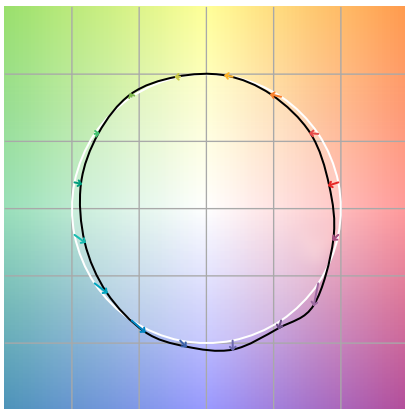


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

