

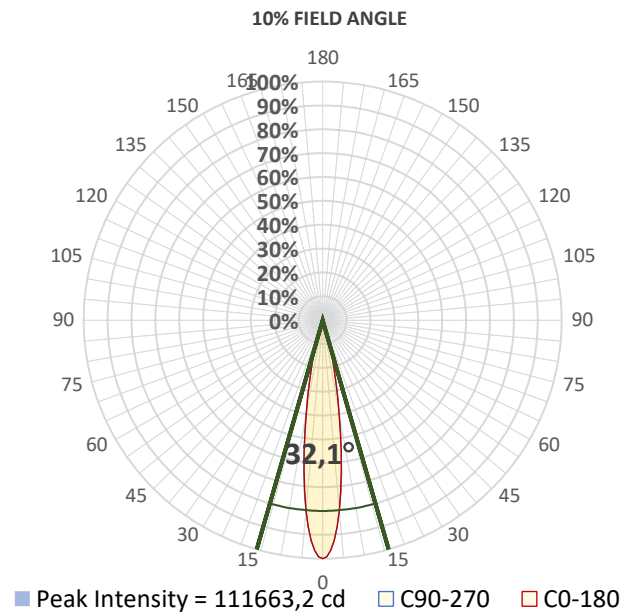
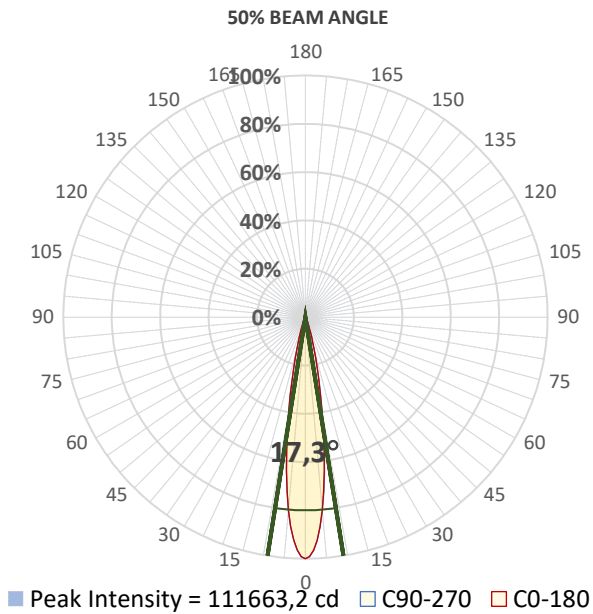
Report Summary



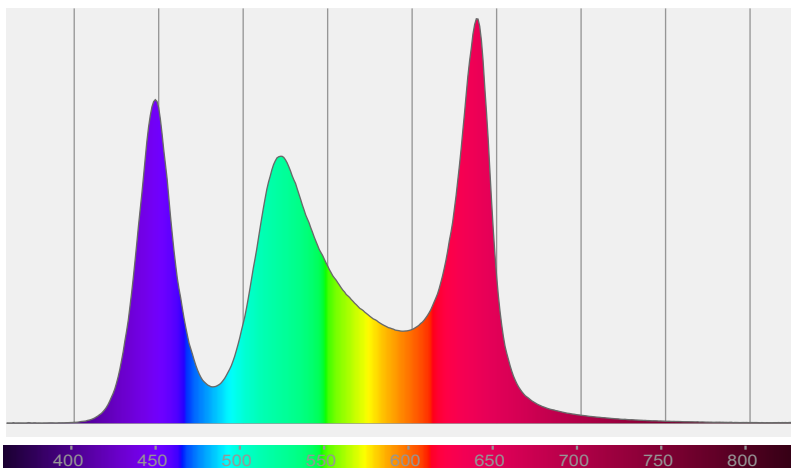
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 13489 lm / 111951 cd	Beam Angle (50%): 17,3°	AC Supply: 224 V / 50 Hz
Fixture Efficiency: 34 lm/W	Field Angle (10%): 32,1°	Power: 392,1 W
Intensity @ 5m: 4467 lx	Cutoff Angle (2,5%): 45,5°	Current: 1,82 A
Color Temperature: 5738 K		Power Factor: 0,96
CRI: 74,7		
CRI R9 Value: -17,8		
CQS: 85,4		
TLCI: 62		
TM-30 Rf: 81,4		
TM-30 Rg: 115,5		

Details



Spectral Distribution



CIE 1931

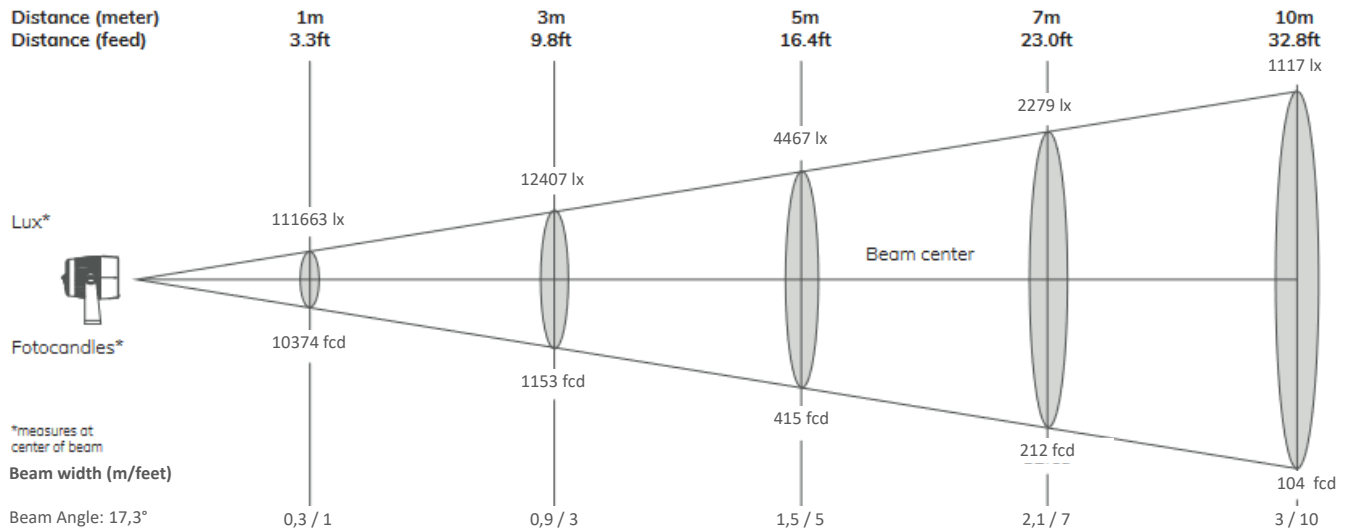
x: 0,327 y: 0,344

Light Quality

CRI: 74,7

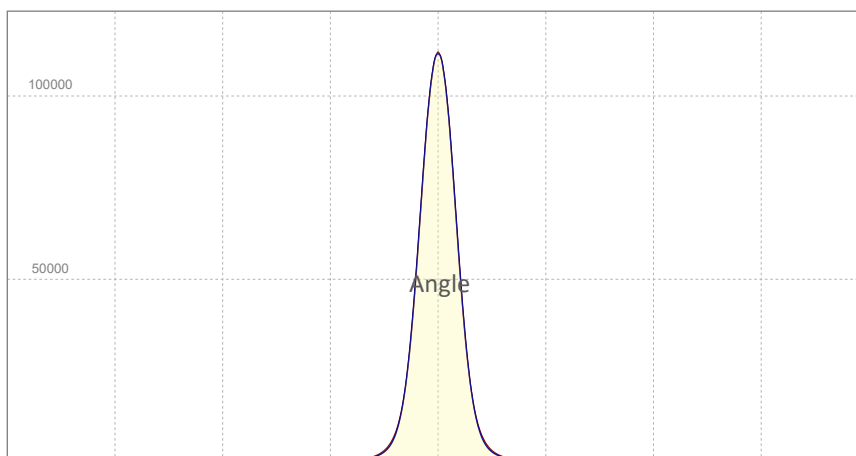
Color Temperature

5738 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: 17,3°	111663/ 10374	0,3/1	12407/ 1153	0,9/3	4467/ 415	1,5/5	2279/ 212	2,1/7	1117/ 104	3/10

Candela (cd)

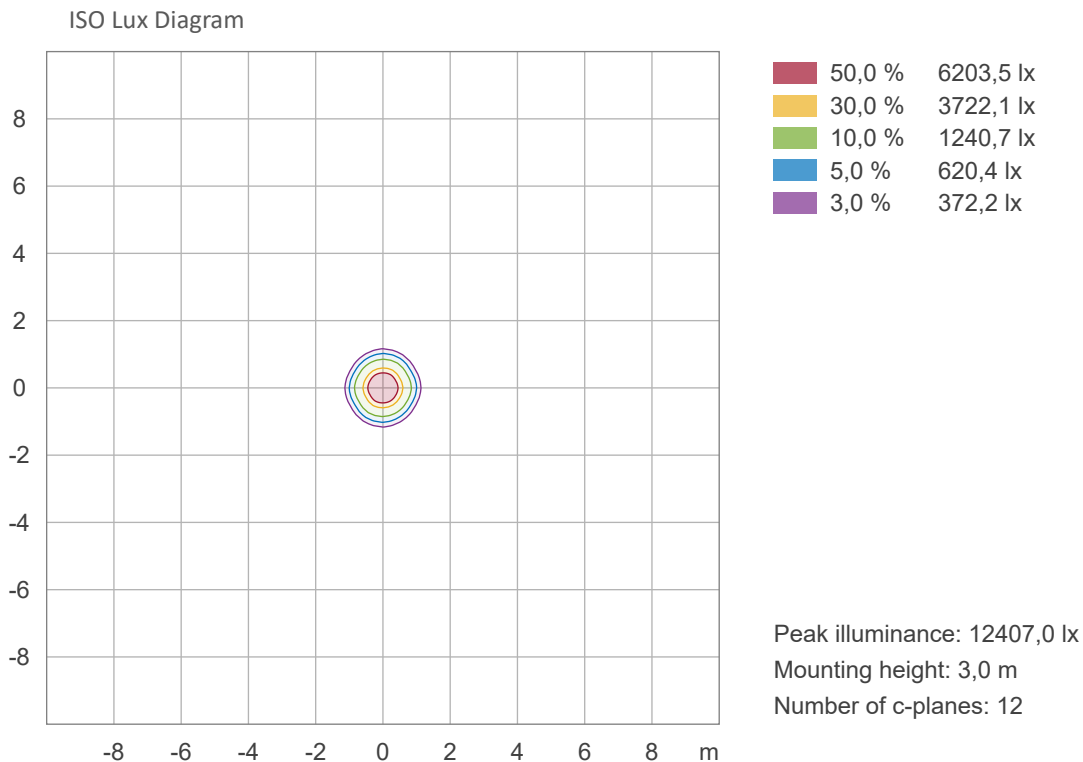
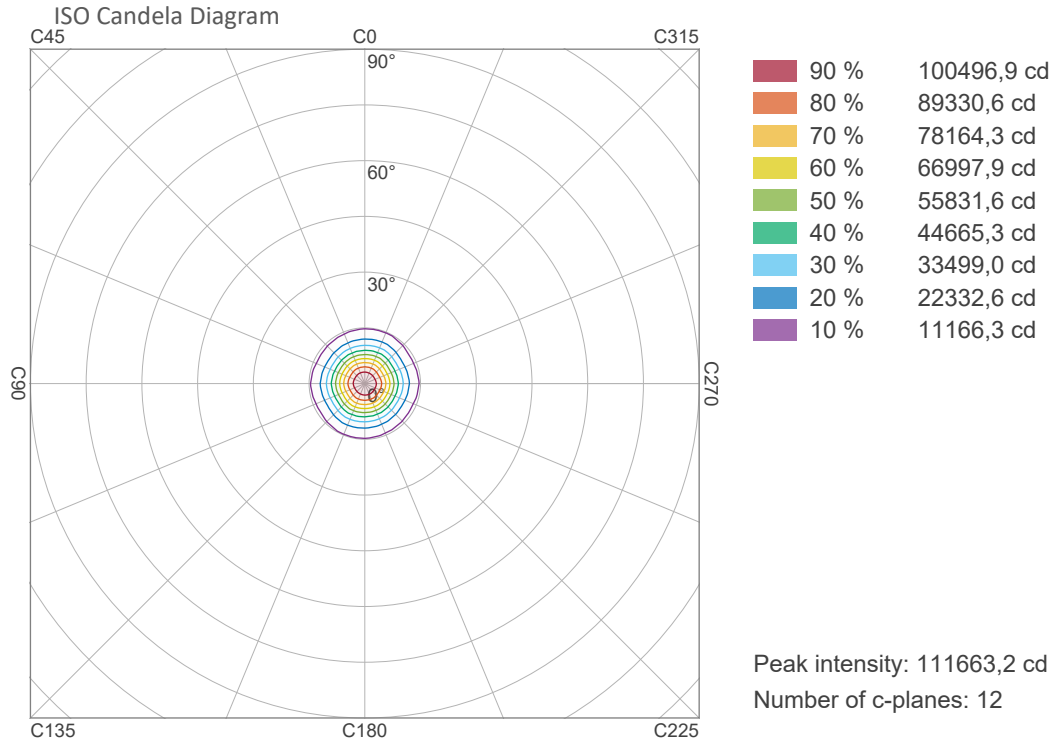


Candela Plot

Vertical Distribution

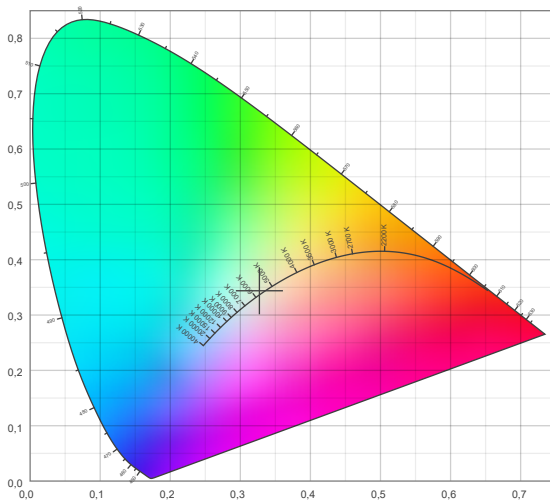
Horizontal Distribution

ISO Diagrams

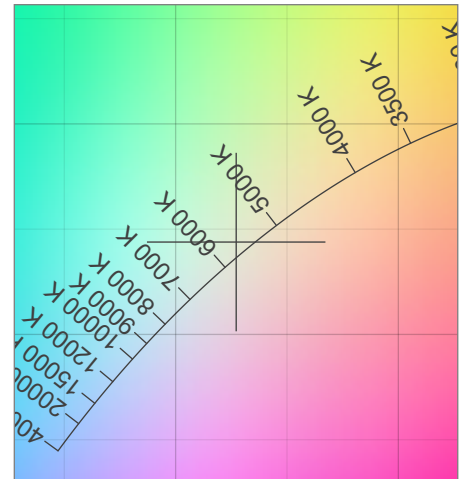


Chromaticity

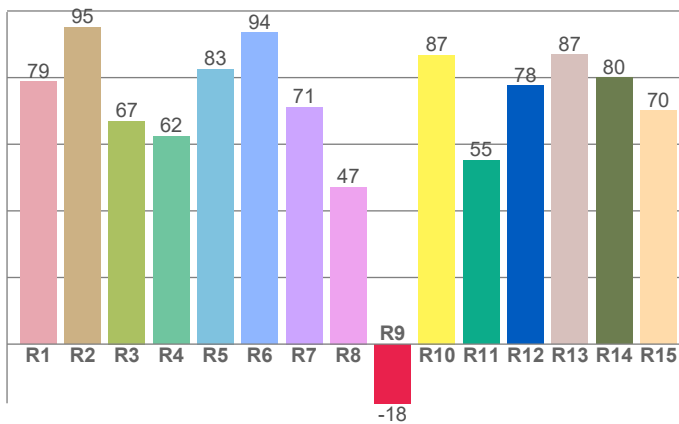
CIE 1931



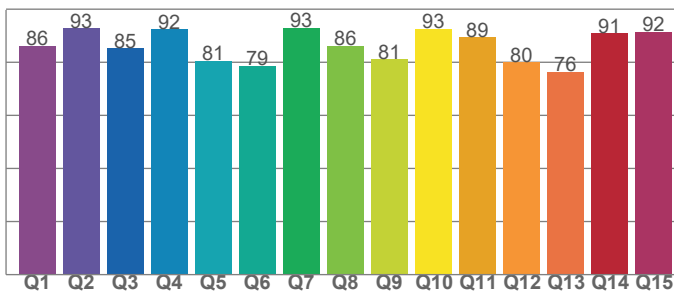
CIE 1931 - Zoom



CRI: 74,7 (R1-R8)



CQS: 85,4



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5738K	0,327	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0038	0,202	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
74,7	-17,8	85,4

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
62	81,4	115,5

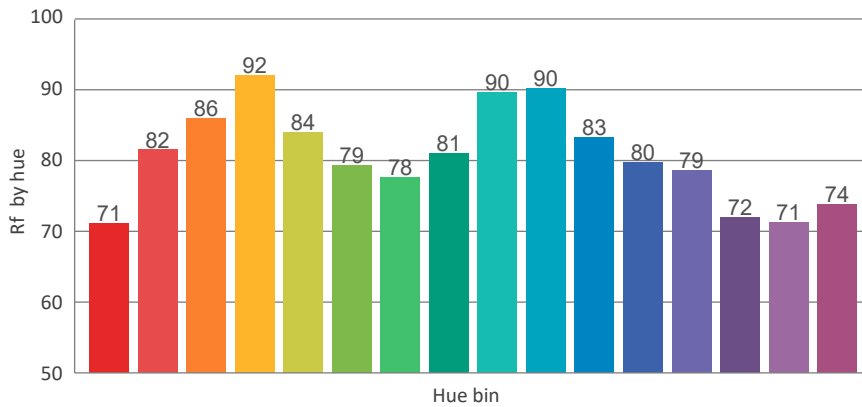
TM30 Details

Rf 81,4

Fidelity Index Rf

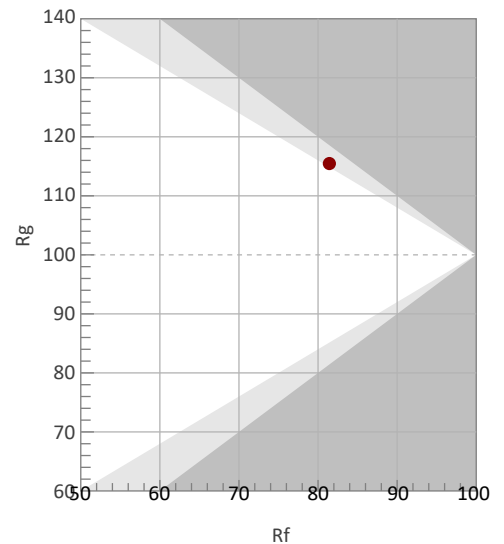
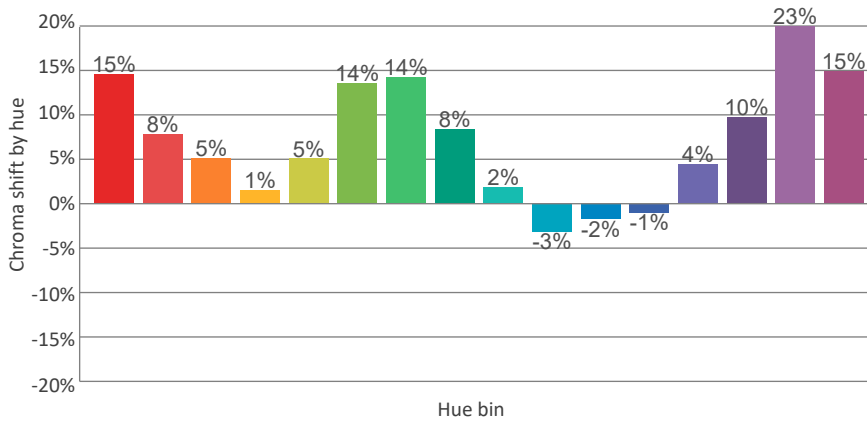
Rg 115,5

Gamut Index Rg

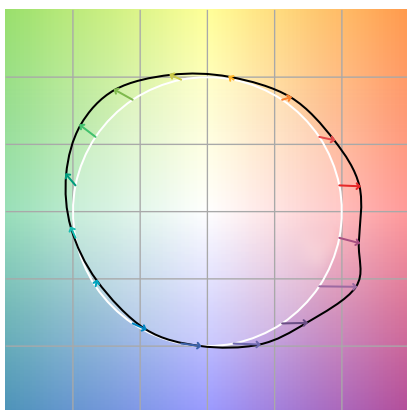


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

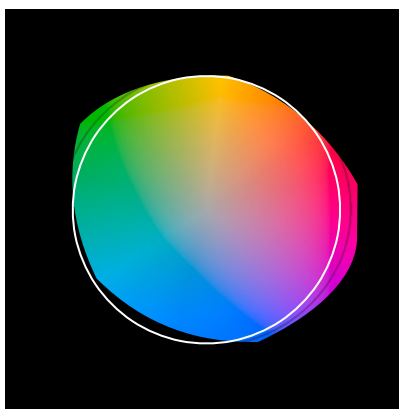
TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

