

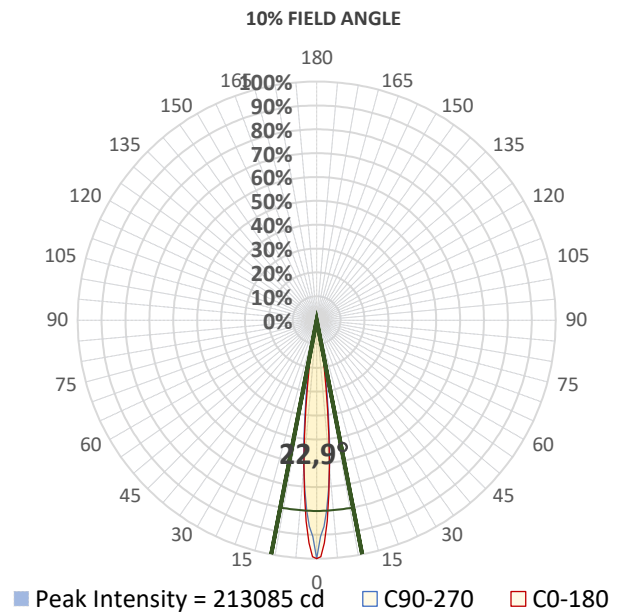
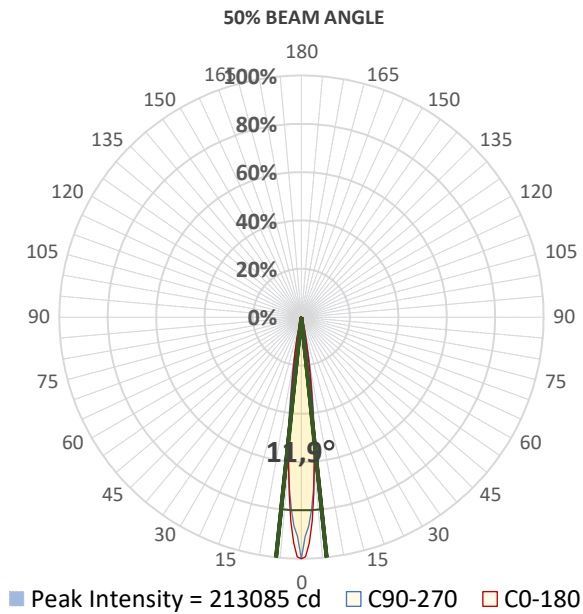
Report Summary



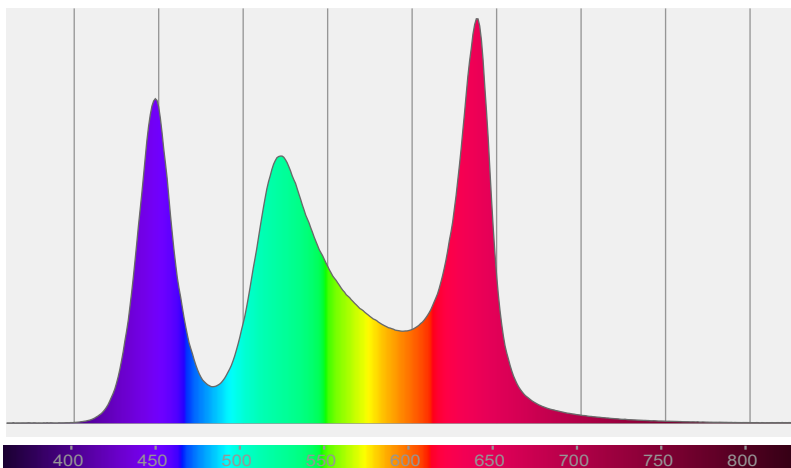
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 13293 lm / 218618 cd	Beam Angle (50%): 11,9°	AC Supply: 225 V / 50 Hz
Fixture Efficiency: 35 lm/W	Field Angle (10%): 22,9°	Power: 377,3 W
Intensity @ 5m: 8523 lx	Cutoff Angle (2,5%): 33,6°	Current: 1,75 A
Color Temperature: 5746 K		Power Factor: 0,96
CRI: 74,7		
CRI R9 Value: -18,4		
CQS: 85,3		
TLCI: 62		
TM-30 Rf: 81,4		
TM-30 Rg: 115,5		

Details



Spectral Distribution



CIE 1931

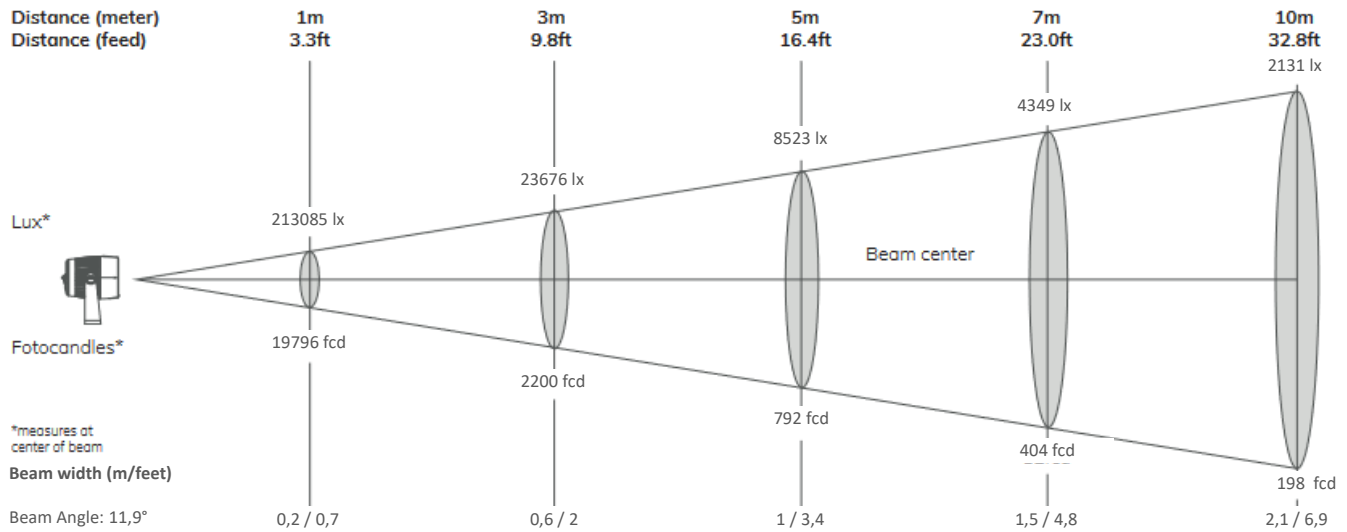
x: 0,327 y: 0,344

Light Quality

CRI: 74,7

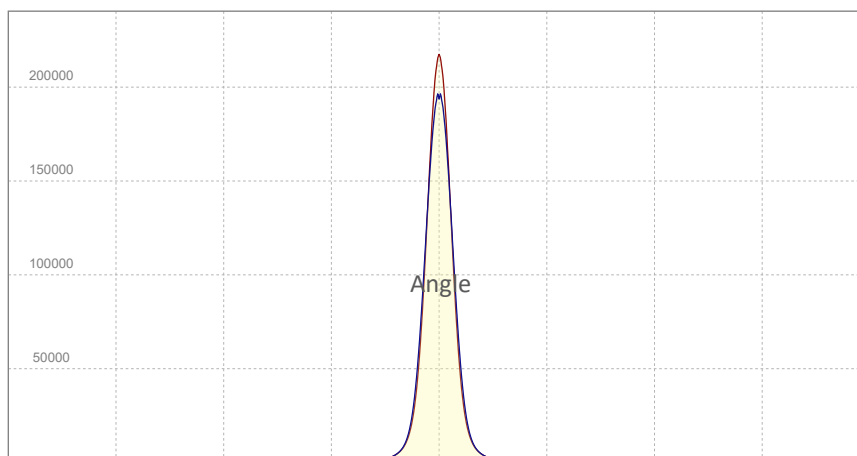
Color Temperature

5746 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: 11,9°	213085/ 19796	0,2/0,7	23676/ 2200	0,6/2	8523/ 792	1/3,4	4349/ 404	1,5/4,8	2131/ 198	2,1/6,9

Candela (cd)

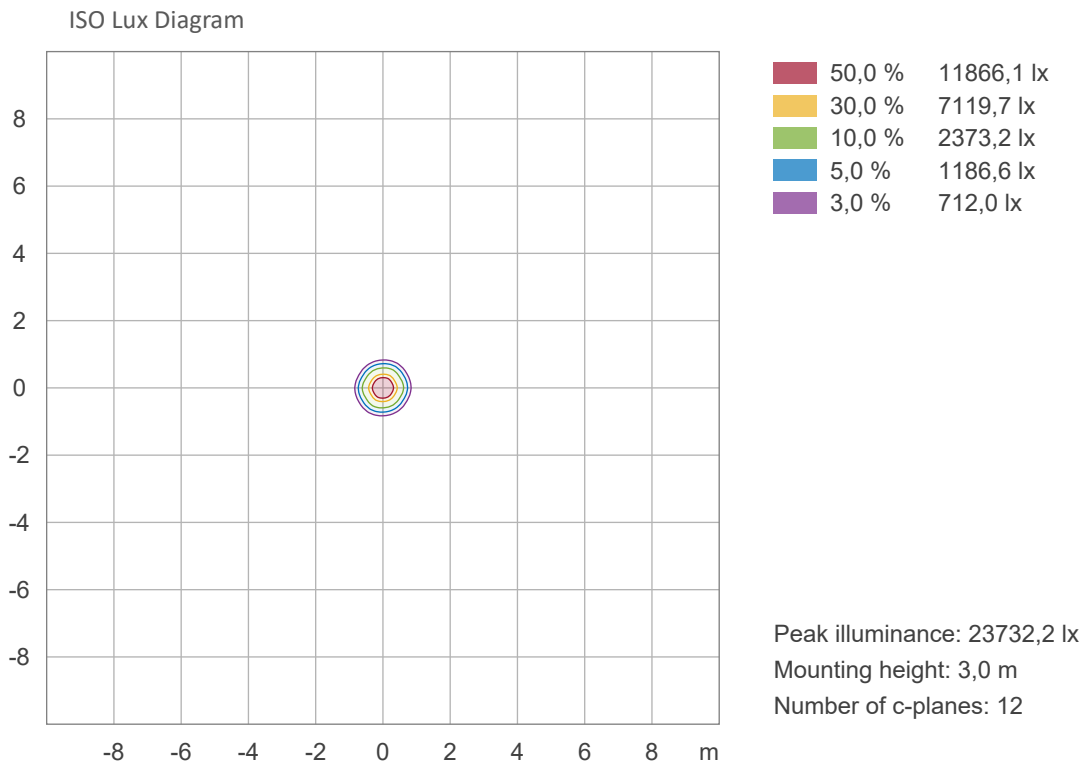
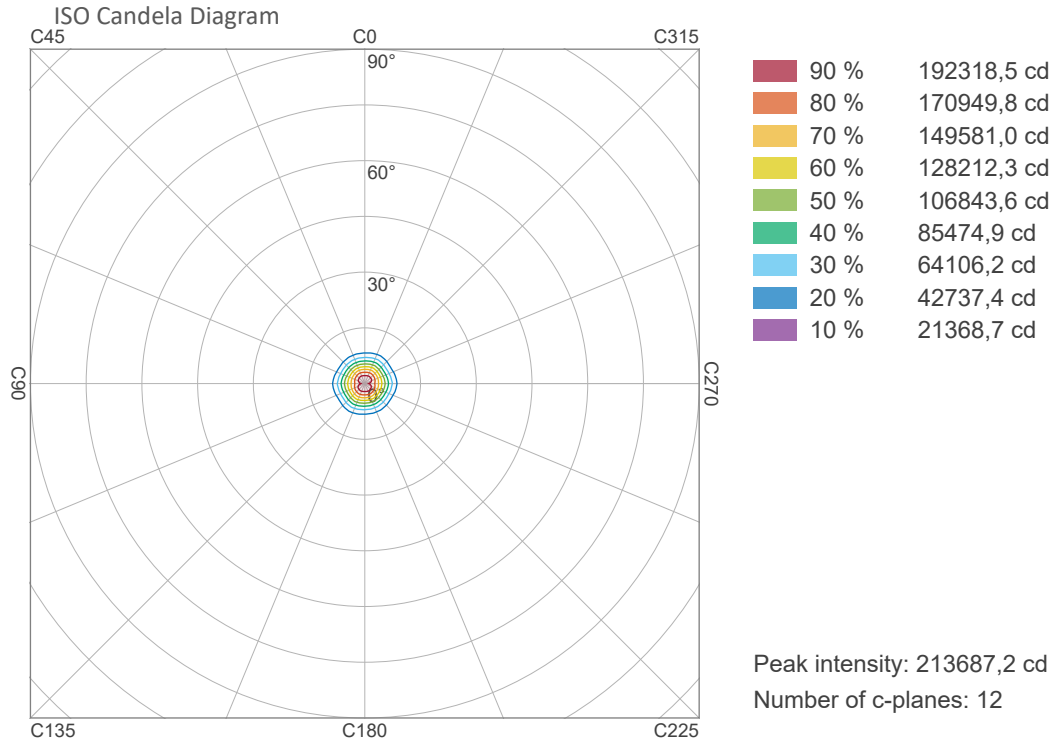


Candela Plot

Vertical Distribution

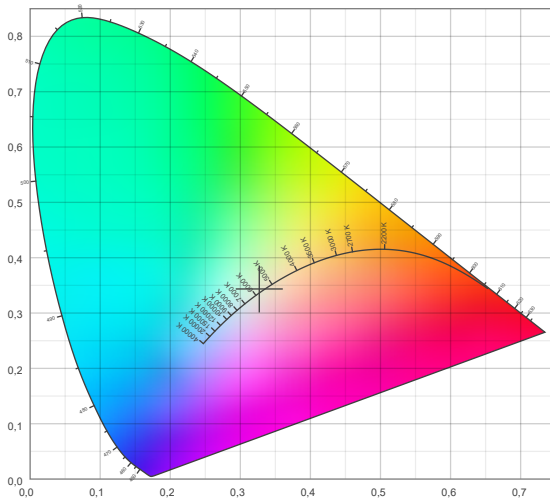
Horizontal Distribution

ISO Diagrams

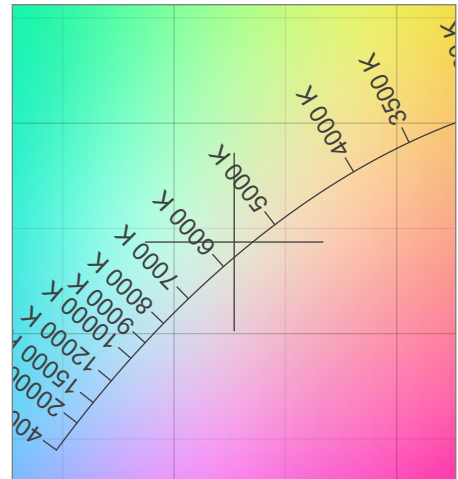


Chromaticity

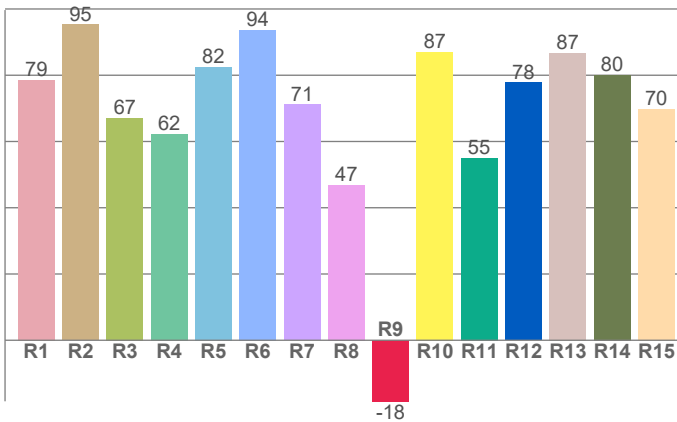
CIE 1931



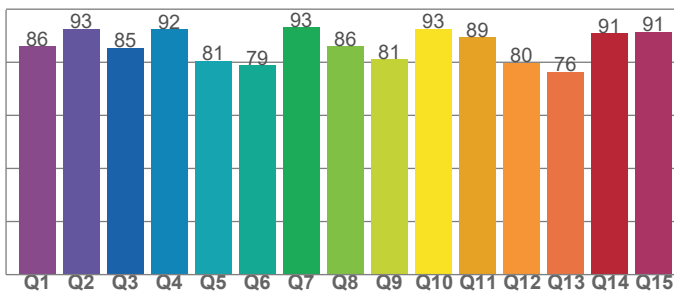
CIE 1931 - Zoom



CRI: 74,7 (R1-R8)



CQS: 85,3



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5746K	0,327	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0037	0,202	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
74,7	-18,4	85,3

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

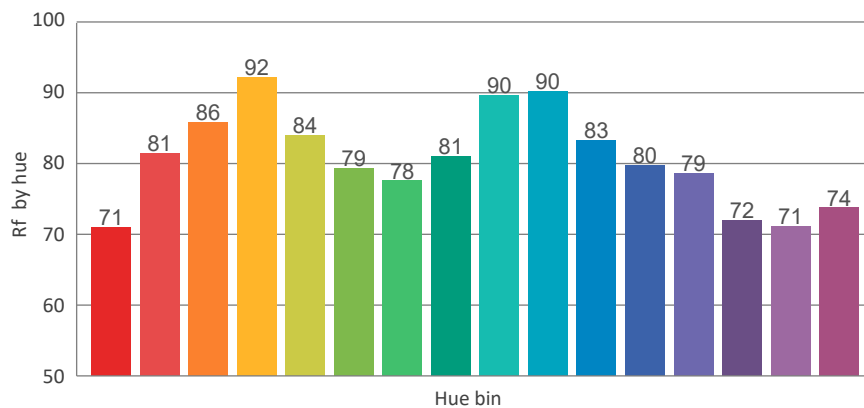
TM30 Details

Rf 81,4

Fidelity Index Rf

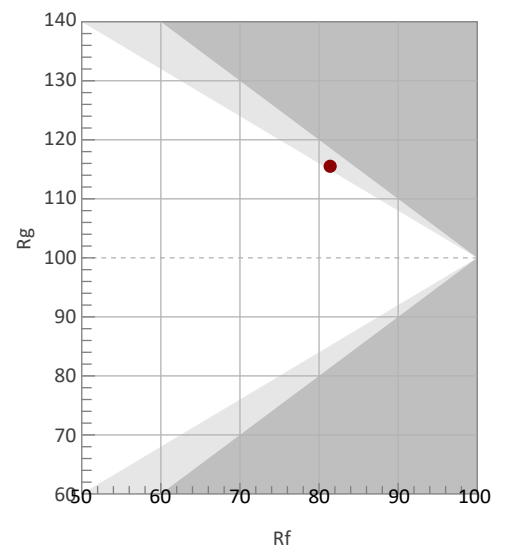
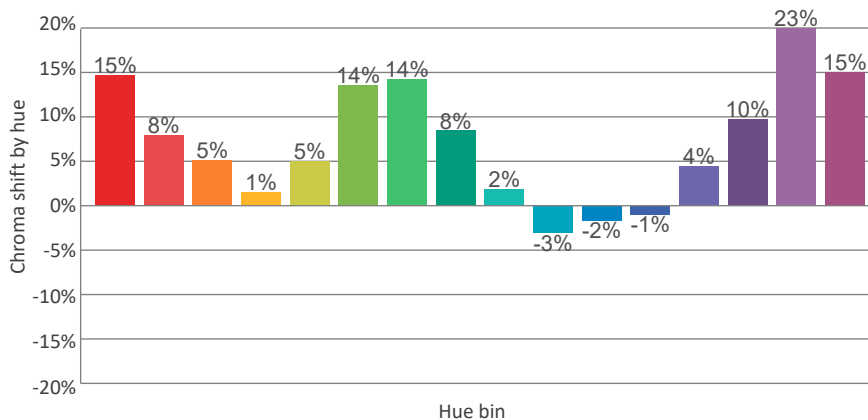
Rg 115,5

Gamut Index Rg

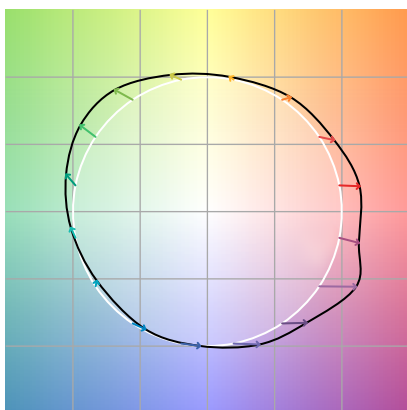


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

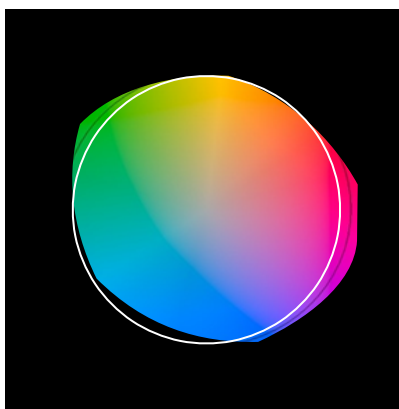
TM30_BIN_VALUES_END



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

