

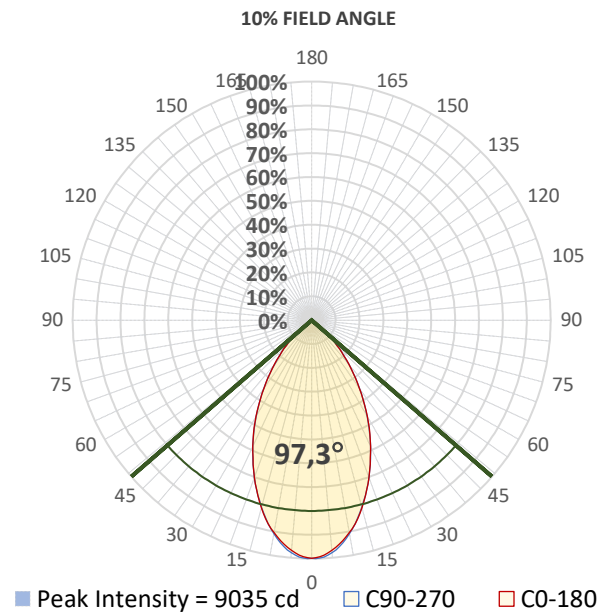
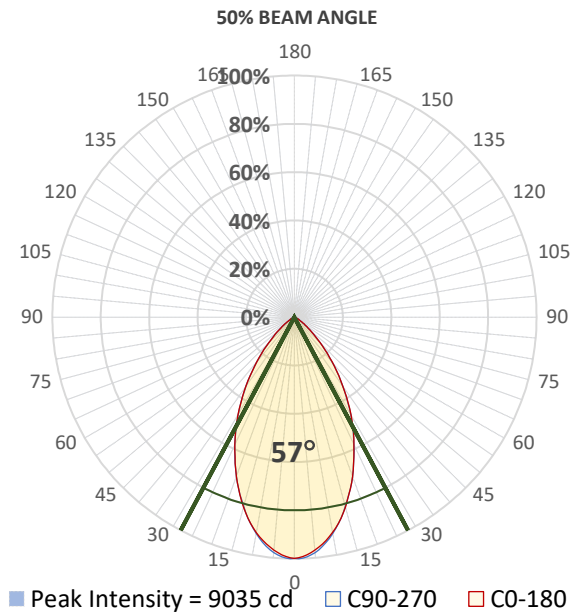
Report Summary



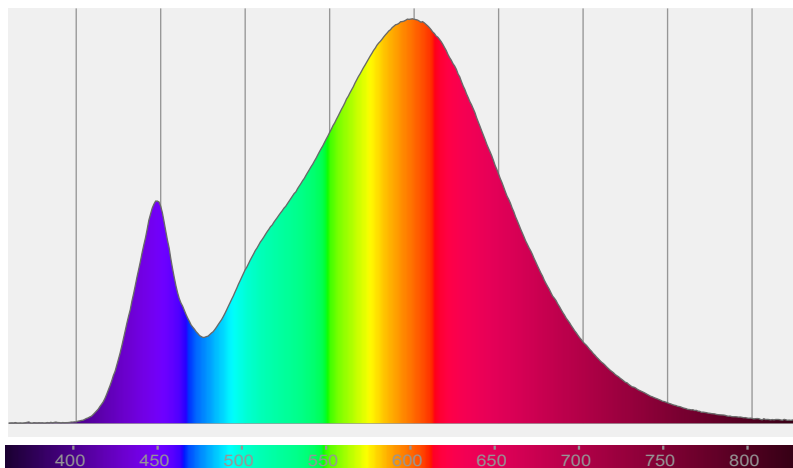
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 8867 lm / 9087 cd	Beam Angle (50%): 57°	AC Supply: 227 V / 50 Hz
Fixture Efficiency: 37 lm/W	Field Angle (10%): 97,3°	Power: 238,3 W
Intensity @ 5m: 361 lx	Cutoff Angle (2,5%): 117,6°	Current: 1,15 A
Color Temperature: 3276 K		Power Factor: 0,91
CRI: 81,5		
CRI R9 Value: 8,5		
CQS: 81,2		
TLCI: 69		
TM-30 Rf: 84,0		
TM-30 Rg: 97,0		

Details



Spectral Distribution



CIE 1931

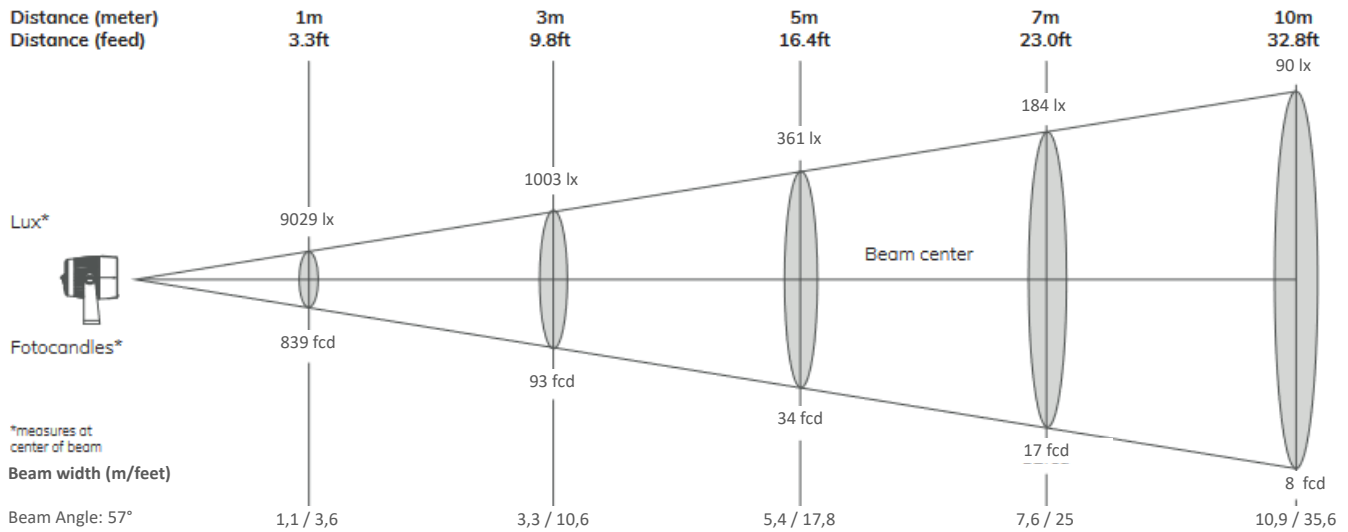
x: 0,420 y: 0,399

Light Quality

CRI: 81,5

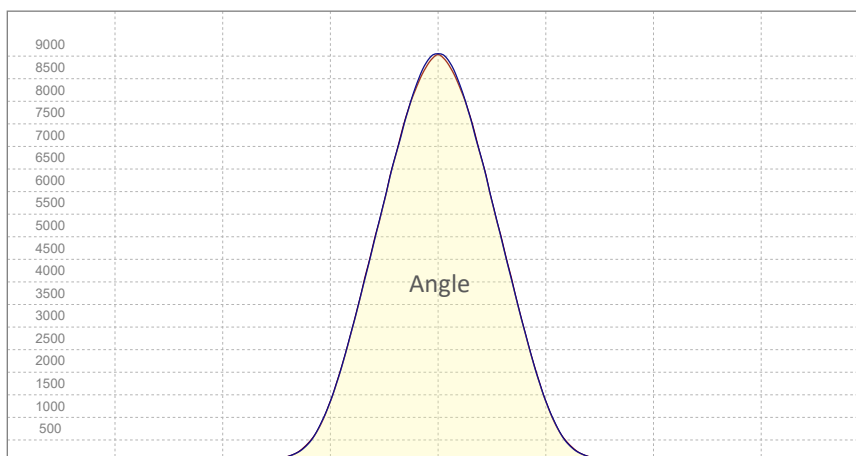
Color Temperature

3276 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: 57°	9029/ 839	1,1/3,6	1003/ 93	3,3/10,6	361/ 34	5,4/17,8	184/ 17	7,6/25	90/ 8	10,9/35,6

Candela (cd)

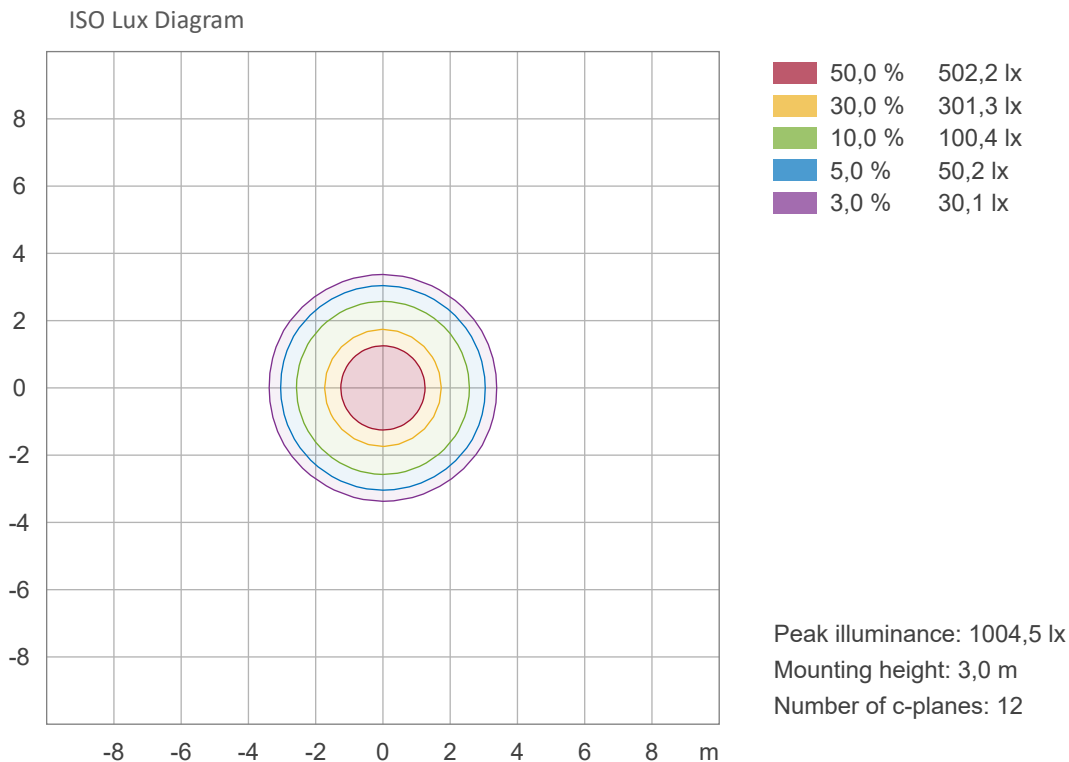
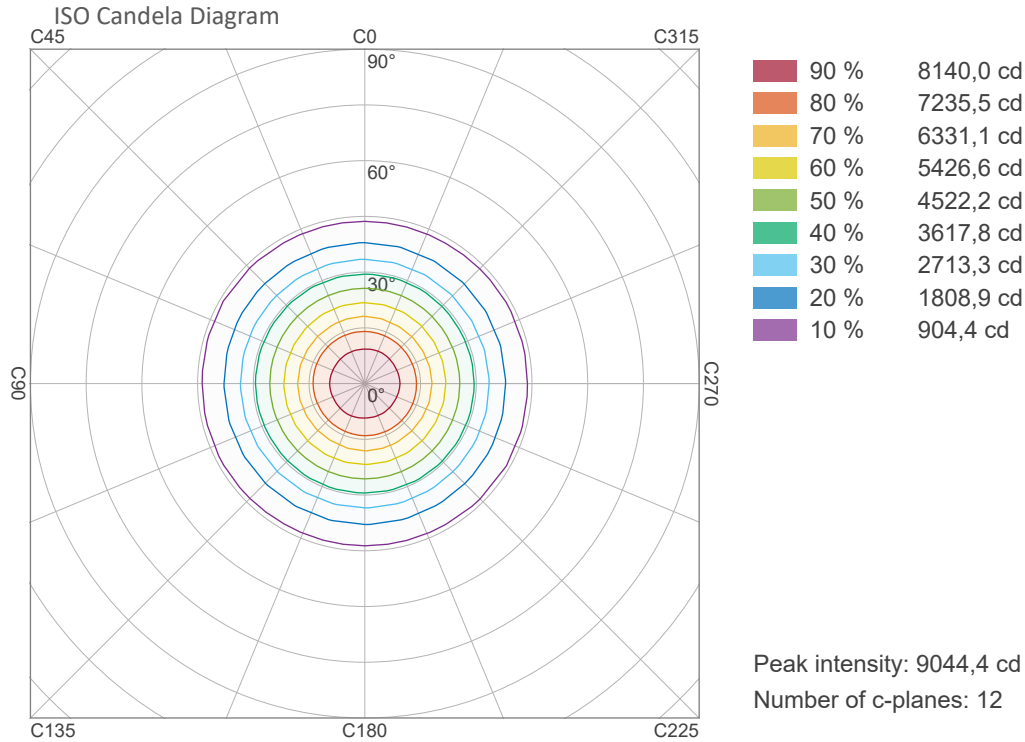


Candela Plot

Vertical Distribution

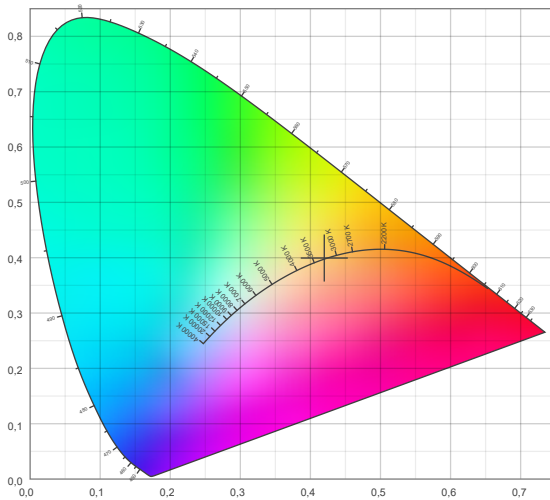
Horizontal Distribution

ISO Diagrams

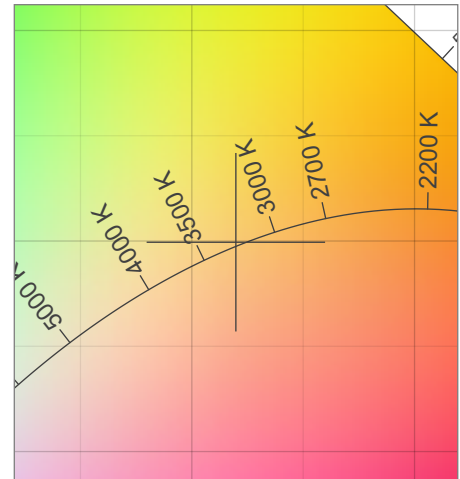


Chromaticity

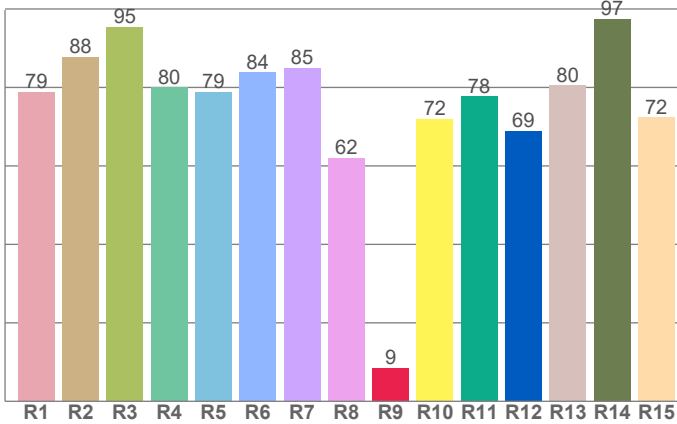
CIE 1931



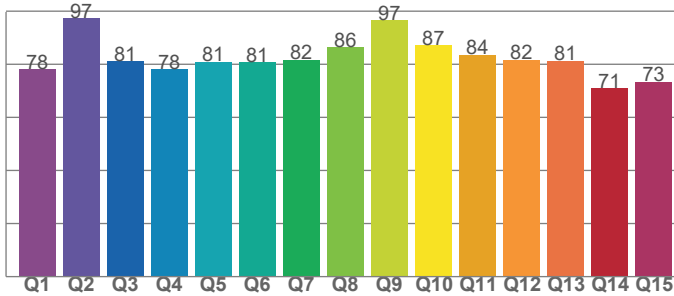
CIE 1931 - Zoom



CRI: 81,5 (R1-R8)



CQS: 81,2



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3276K	0,420	0,399

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0008	0,241	0,345

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
81,5	8,5	81,2

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
69	84,0	97,0

TM30 Details

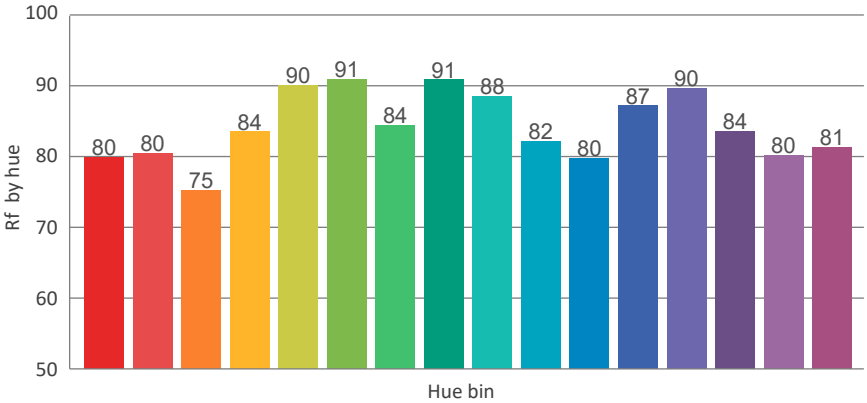
Rf 84,0

Fidelity Index Rf

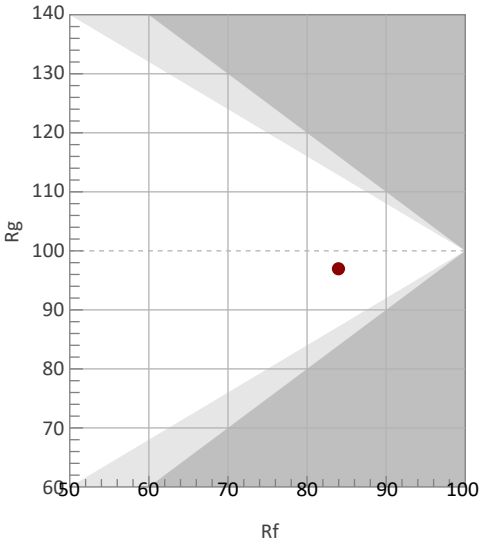
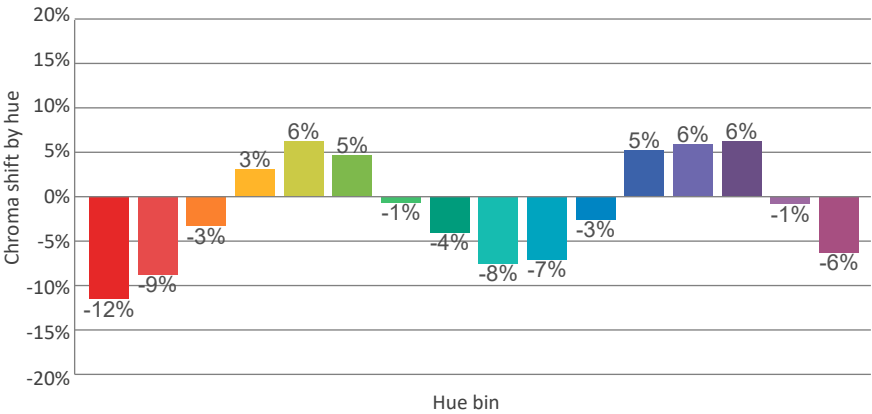
Rg 97,0

Gamut Index Rg

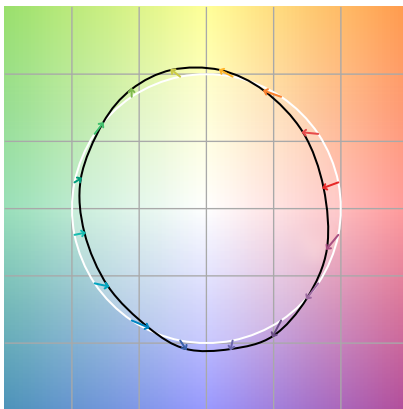
		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%



TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

