

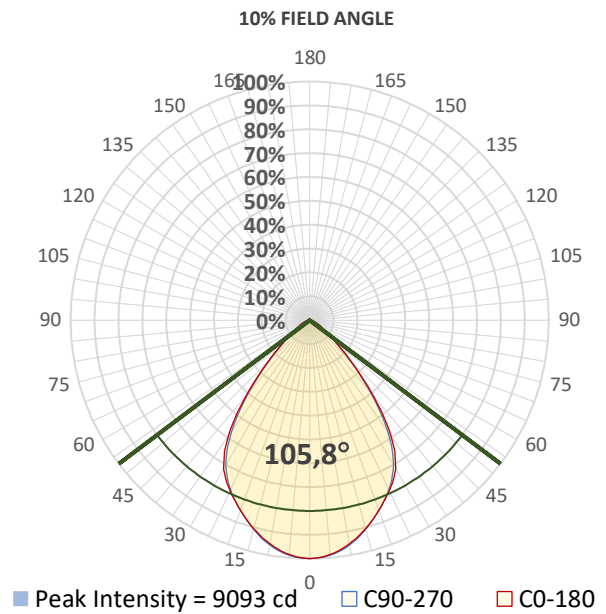
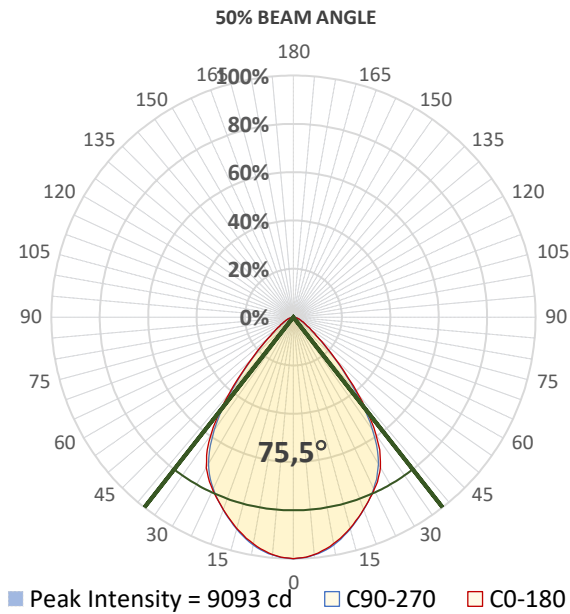
Report Summary



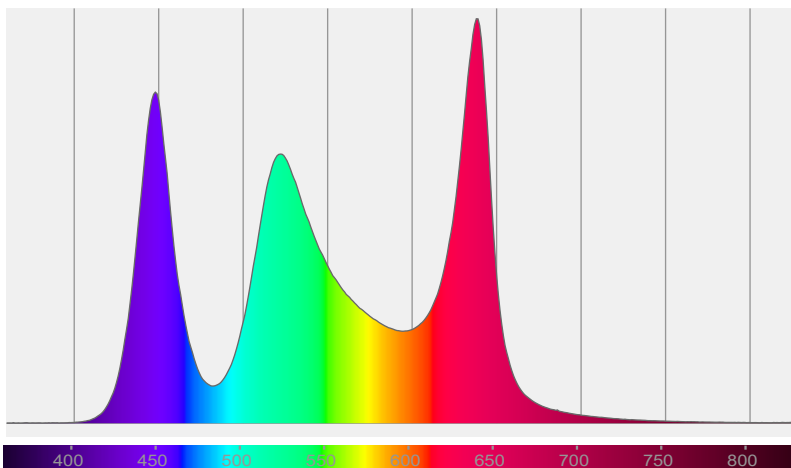
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 12829 lm / 9099 cd	Beam Angle (50%): 75,5°	AC Supply: 225 V / 50 Hz
Fixture Efficiency: 34 lm/W	Field Angle (10%): 105,8°	Power: 378,2 W
Intensity @ 5m: 364 lx	Cutoff Angle (2,5%): 139,5°	Current: 1,75 A
Color Temperature: 5825 K		Power Factor: 0,96
CRI: 74,6		
CRI R9 Value: -19,2		
CQS: 85,3		
TLCI: 62		
TM-30 Rf: 81,3		
TM-30 Rg: 115,6		

Details



Spectral Distribution



CIE 1931

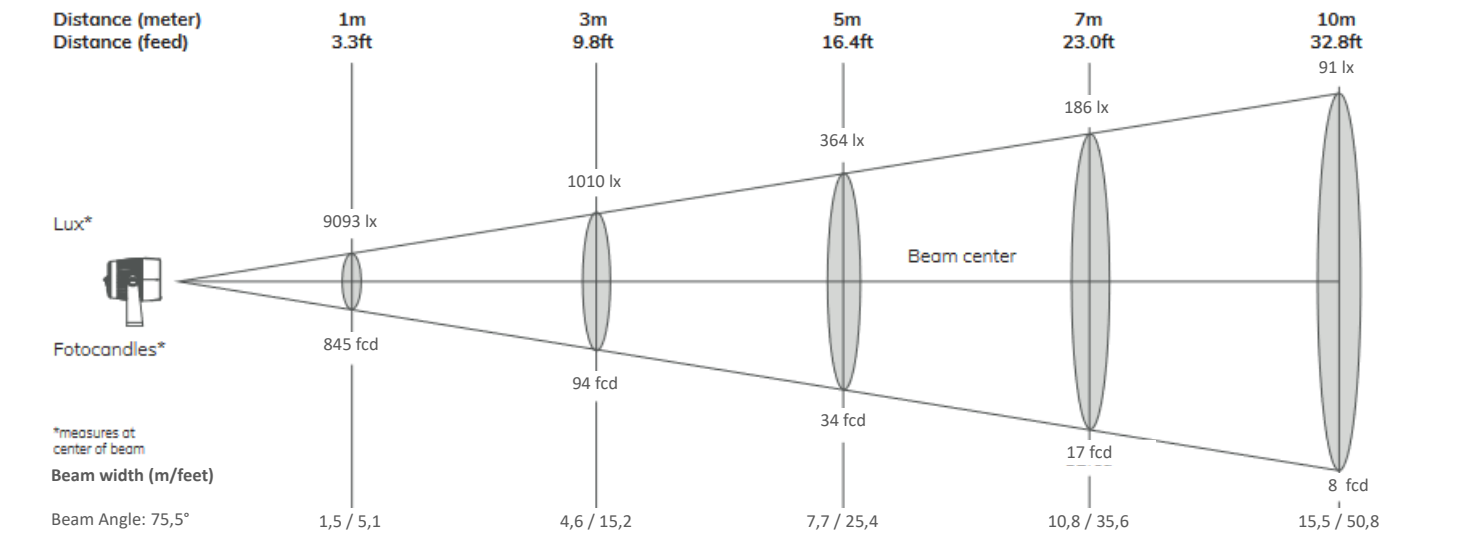
x: 0,325 y: 0,342

Light Quality

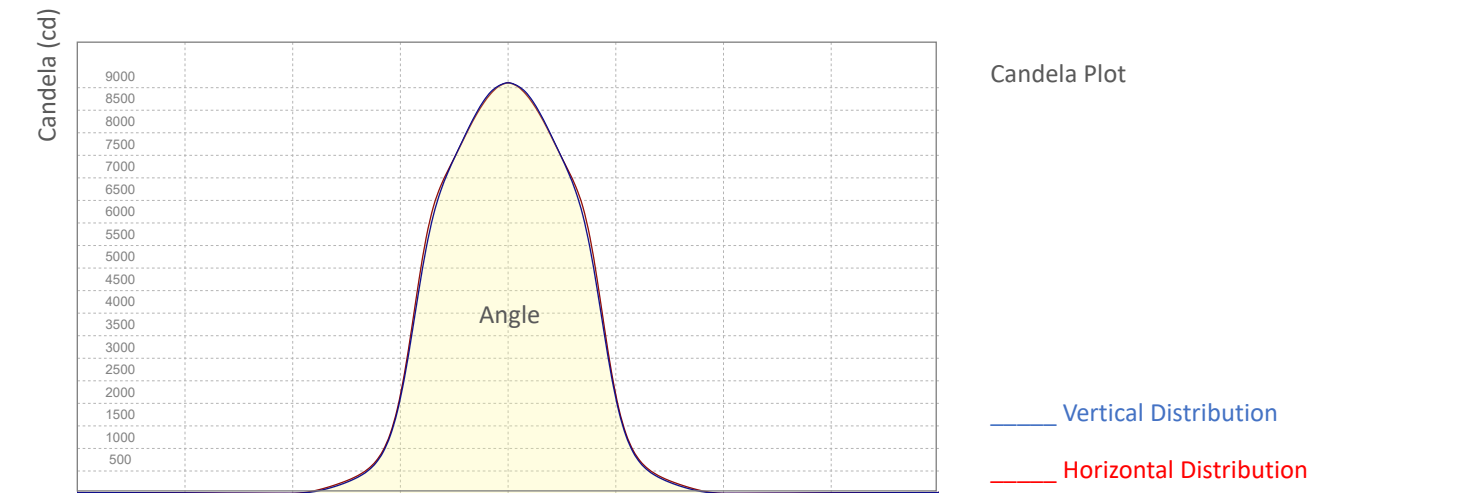
CRI: 74,6

Color Temperature

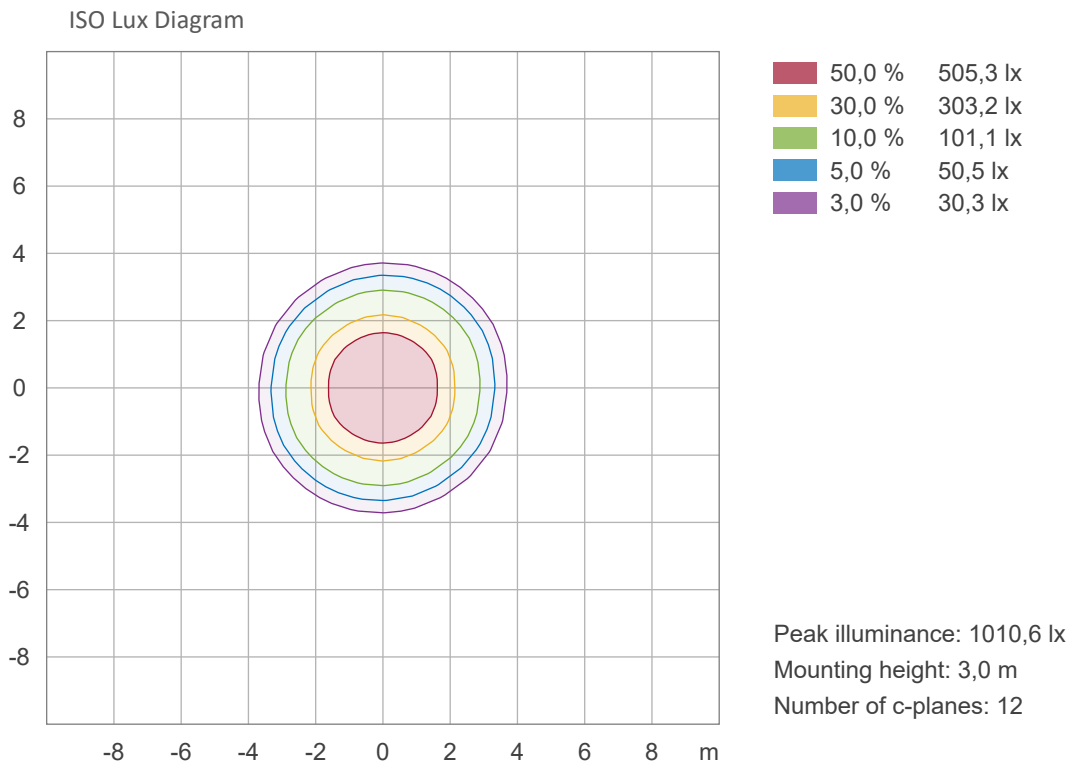
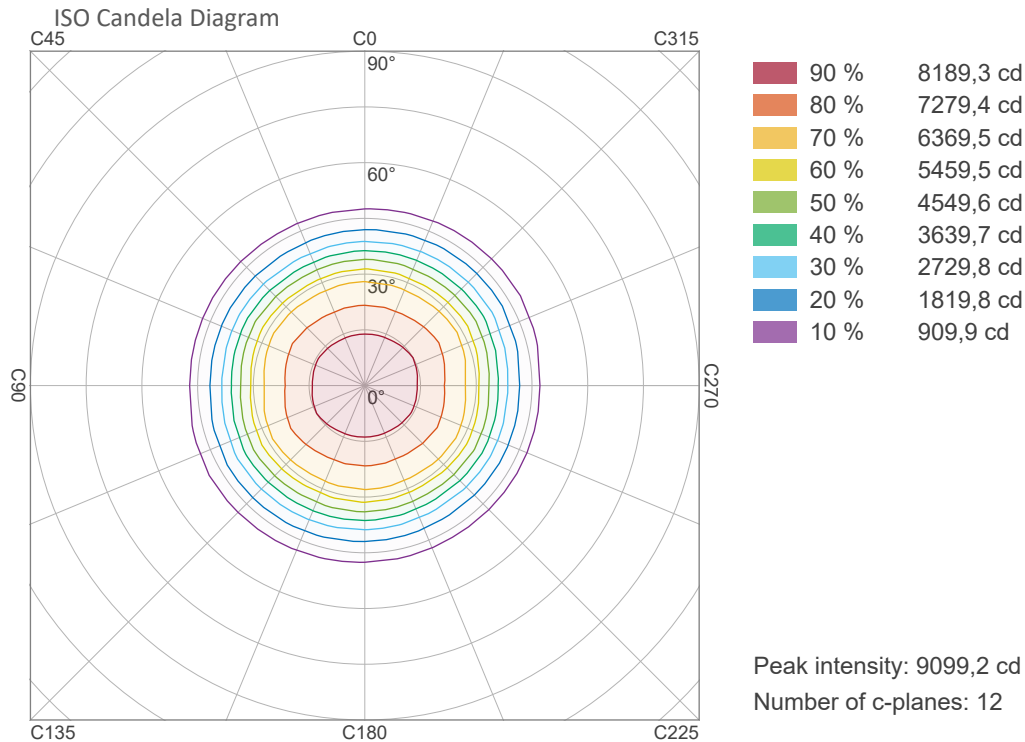
5825 K



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: 75,5°	9093/ 845	1,5/5,1	1010/ 94	4,6/15,2	364/ 34	7,7/25,4	186/ 17	10,8/35,6	91/ 8	15,5/50,8

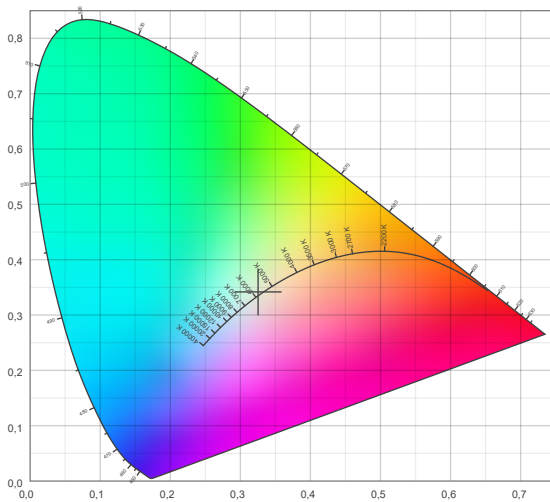


ISO Diagrams

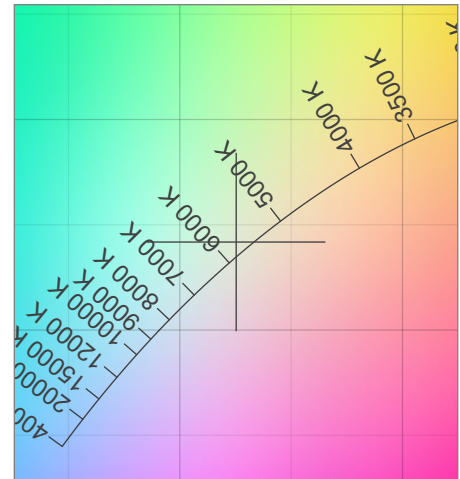


Chromaticity

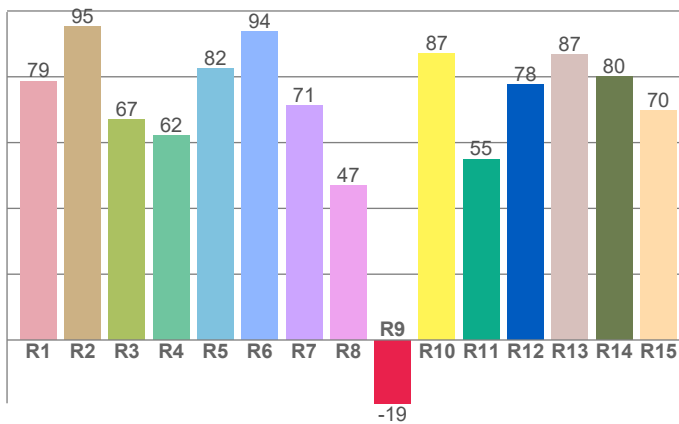
CIE 1931



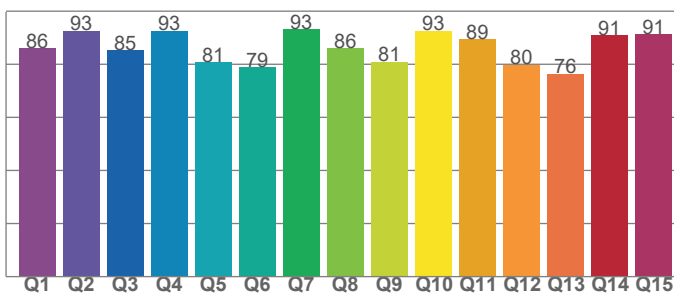
CIE 1931 - Zoom



CRI: 74,6 (R1-R8)



CQS: 85,3



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5825K	0,325	0,342

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0036	0,202	0,318

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
74,6	-19,2	85,3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
62	81,3	115,6

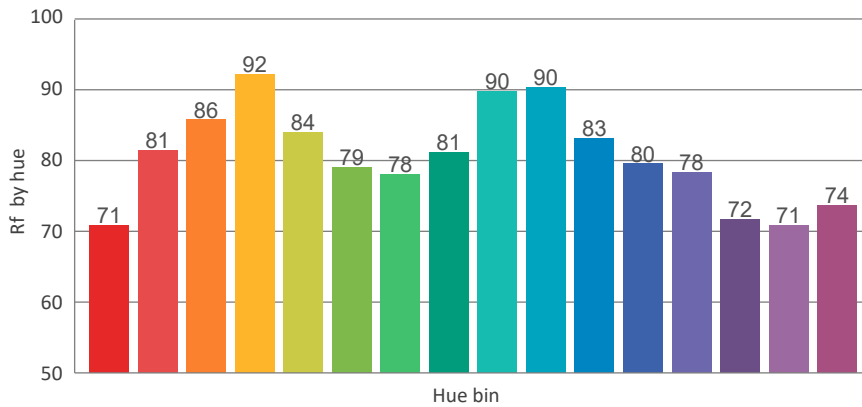
TM30 Details

Rf 81,3

Fidelity Index Rf

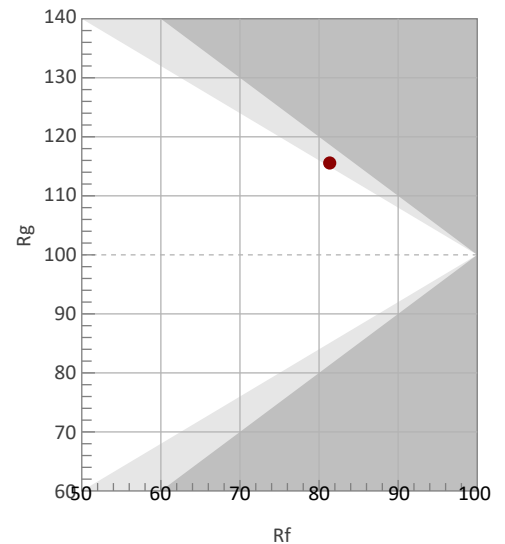
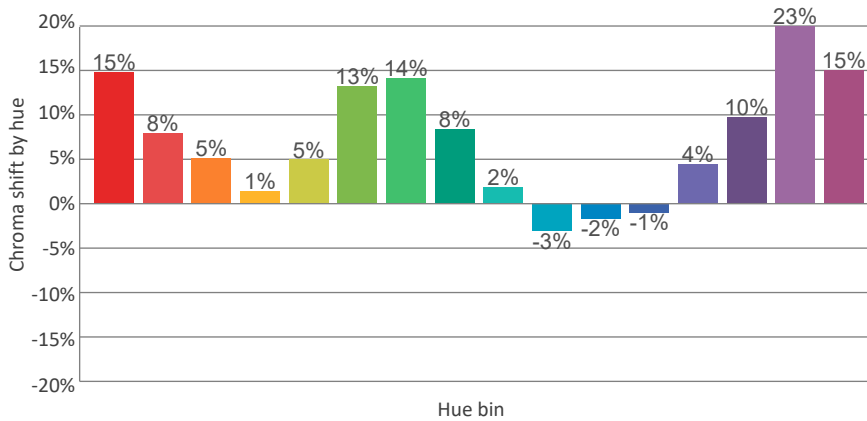
Rg 115,6

Gamut Index Rg

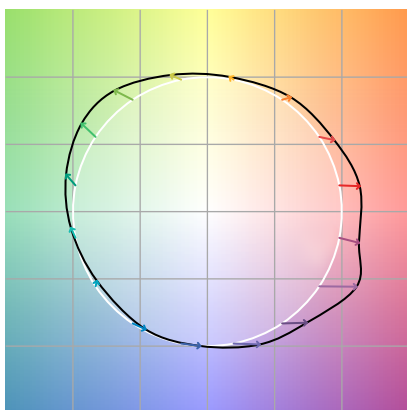


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

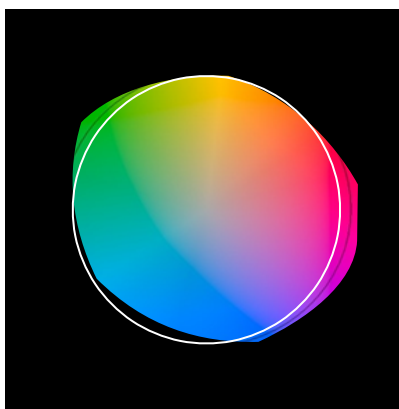
TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

