

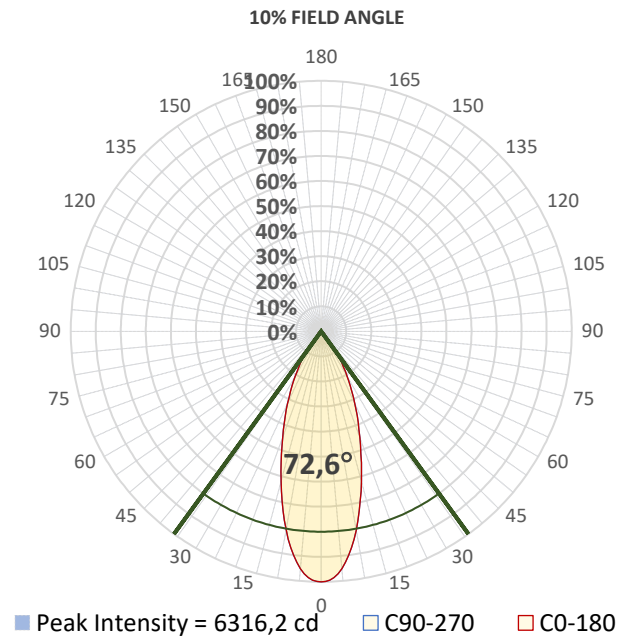
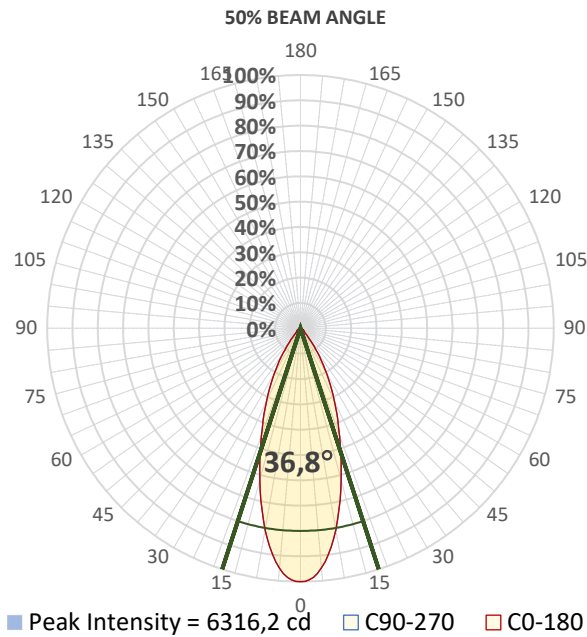
Report Summary



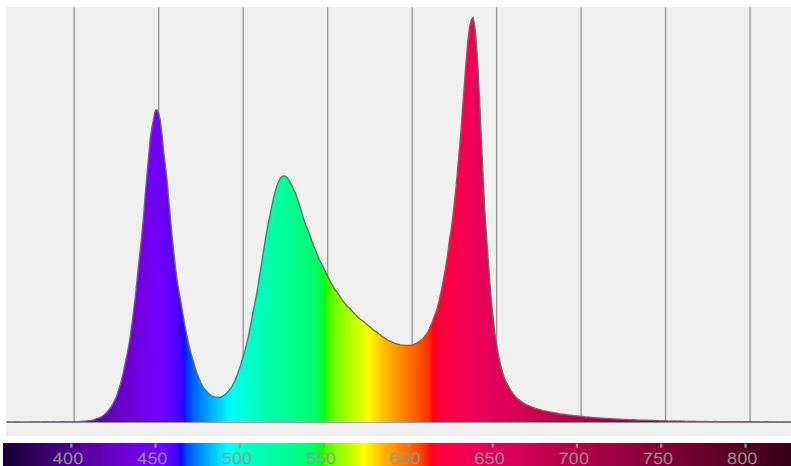
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 3350 lm / 6316 cd	Beam Angle (50%): 36,8°	AC Supply: 224 V / 50 Hz
Fixture Efficiency: 39 lm/W	Field Angle (10%): 72,6°	Power: 85,3 W
Intensity @ 5m: 253 lx	Cutoff Angle (2,5%): 90,8°	Current: 0,460 A
Color Temperature: 5693 K		Power Factor: 0,83
CRI: 73,9		
CRI R9 Value: -15,6		
CQS: 85,1		
TLCI: 62		
TM-30 Rf: 80,6		
TM-30 Rg: 115,5		

Details



Spectral Distribution



CIE 1931

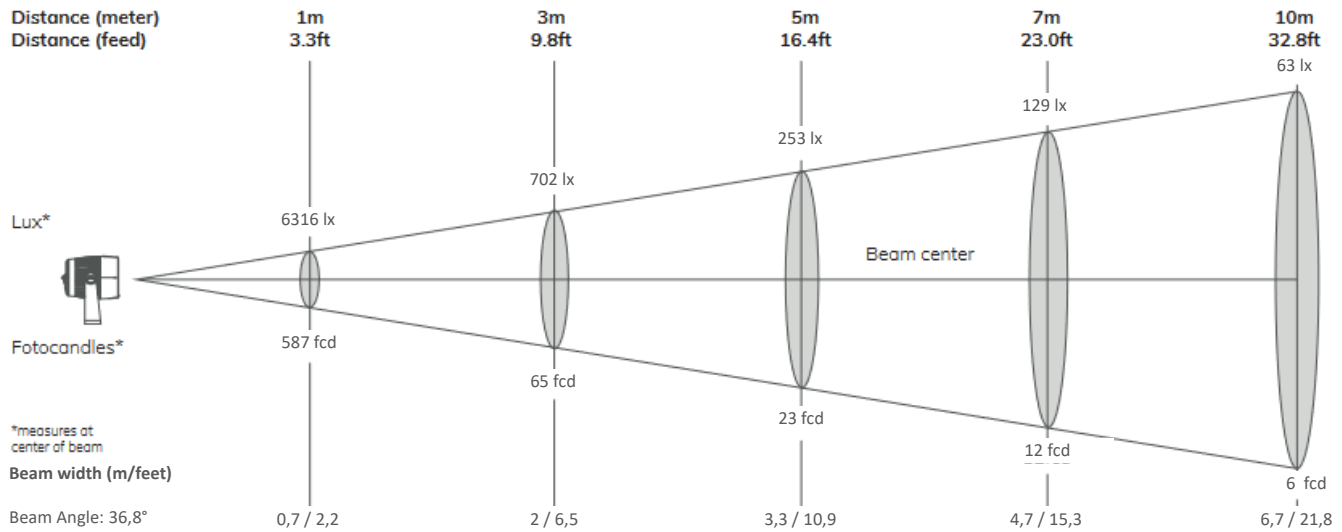
x: 0,328 y: 0,344

Light Quality

CRI: 73,9

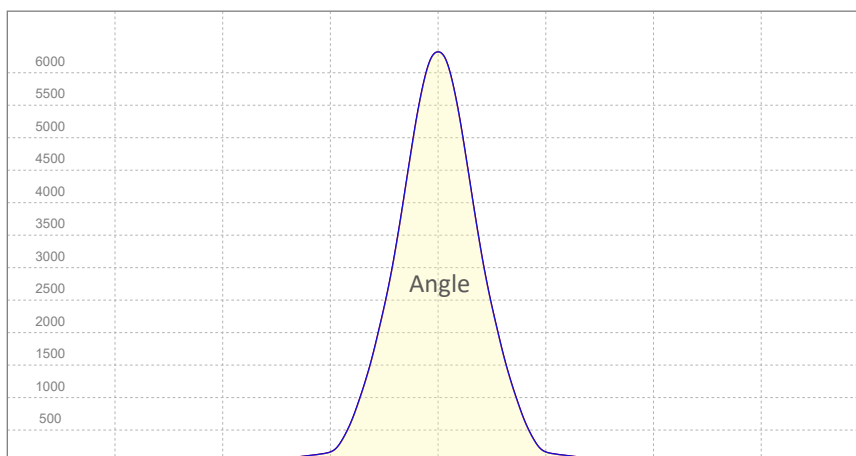
Color Temperature

5693 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: 36,8°	6316/ 587	0,7/2,2	702/ 65	2/6,5	253/ 23	3,3/10,9	129/ 12	4,7/15,3	63/ 6	6,7/21,8

Candela (cd)



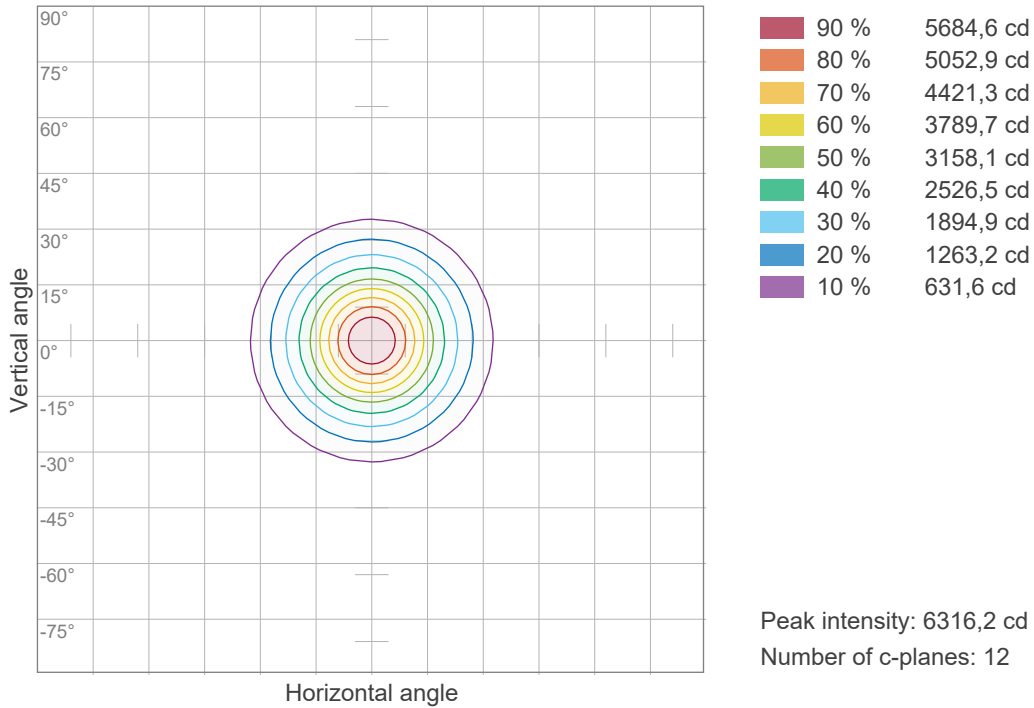
Candela Plot

Vertical Distribution

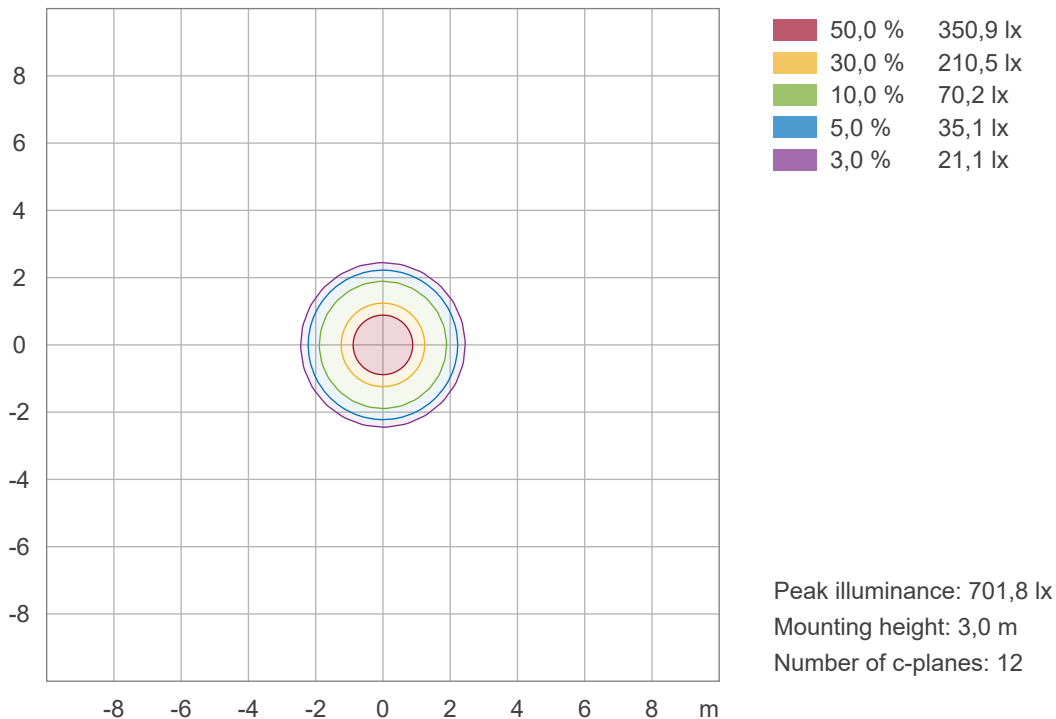
Horizontal Distribution

ISO Diagrams

ISO Candela Diagram

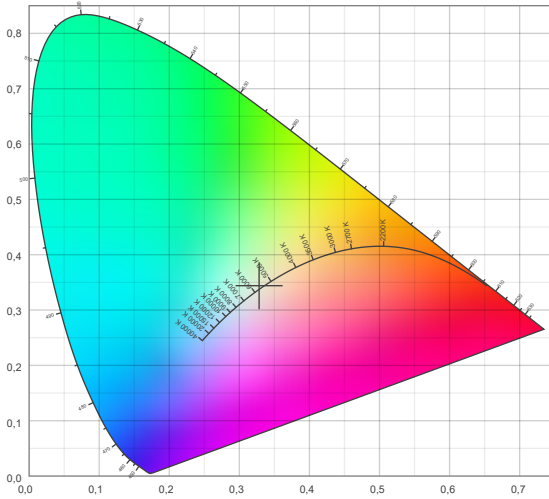


ISO Lux Diagram

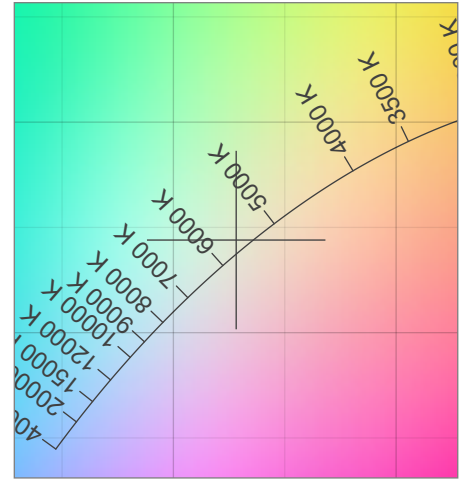


Chromaticity

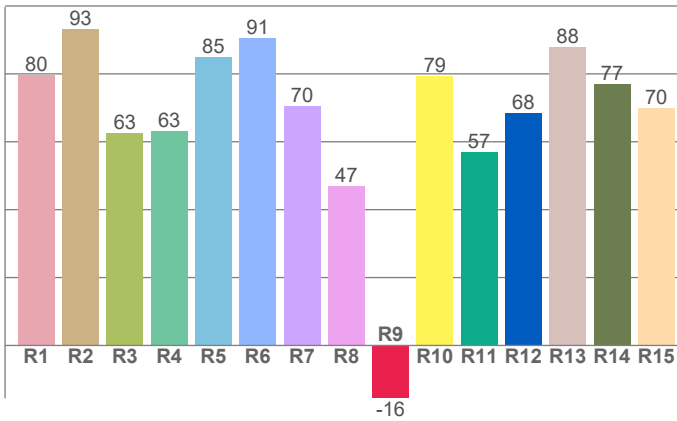
CIE 1931



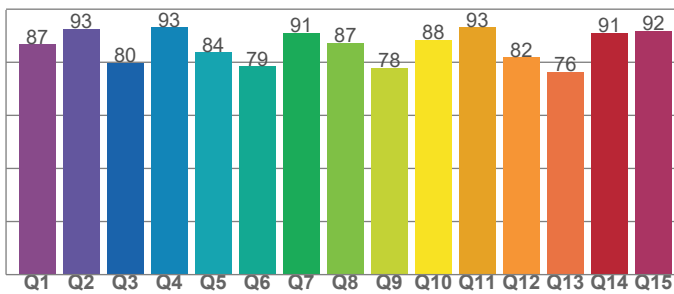
CIE 1931 - Zoom



CRI: 73,9 (R1-R8)



CQS: 85,1



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5693K	0,328	0,344

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0001	0,203	0,319

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
73,9	-15,6	85,1

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
62	80,6	115,5

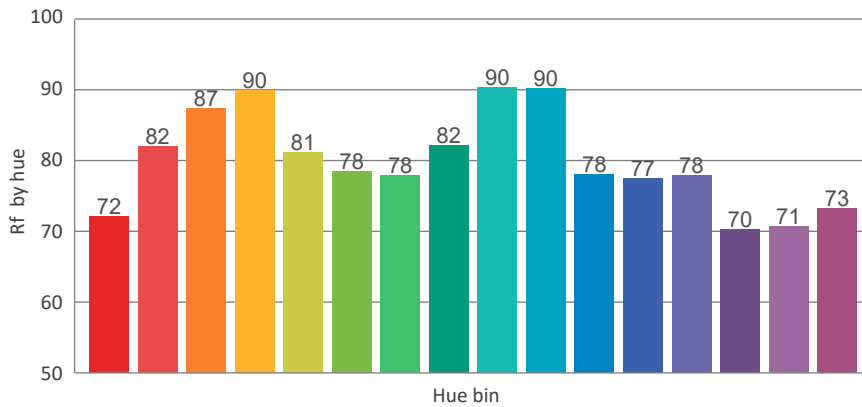
TM30 Details

Rf 80,6

Fidelity Index Rf

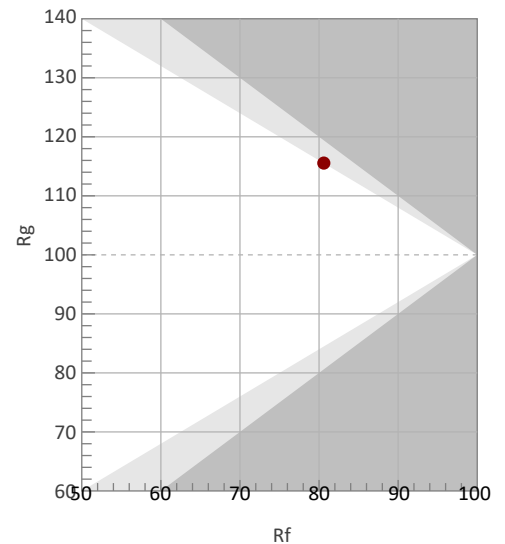
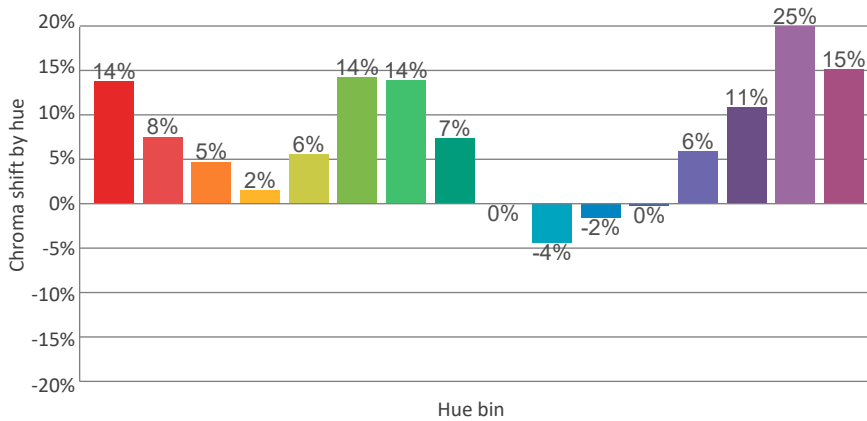
Rg 115,5

Gamut Index Rg

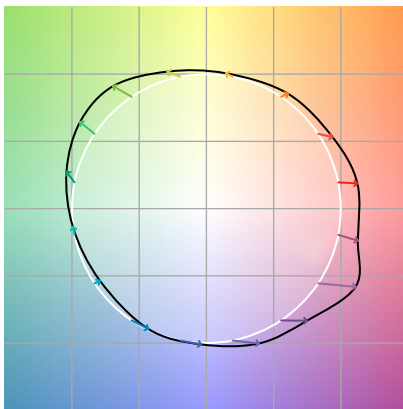


Hue Bin	Rf	Shifts (%)	
		Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

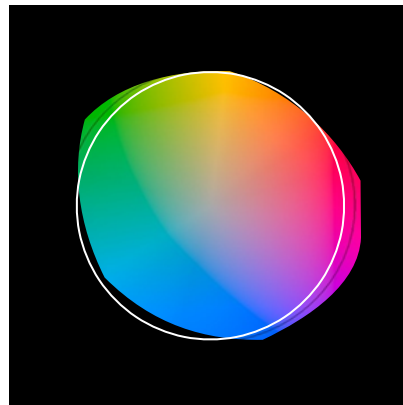
TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

