

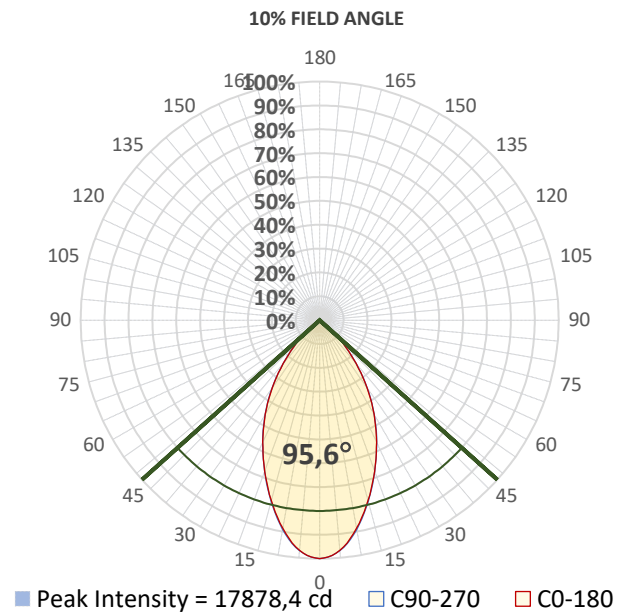
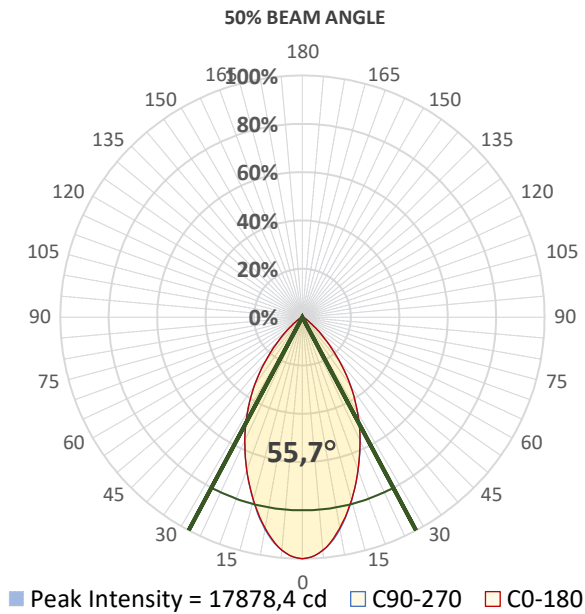
## Report Summary



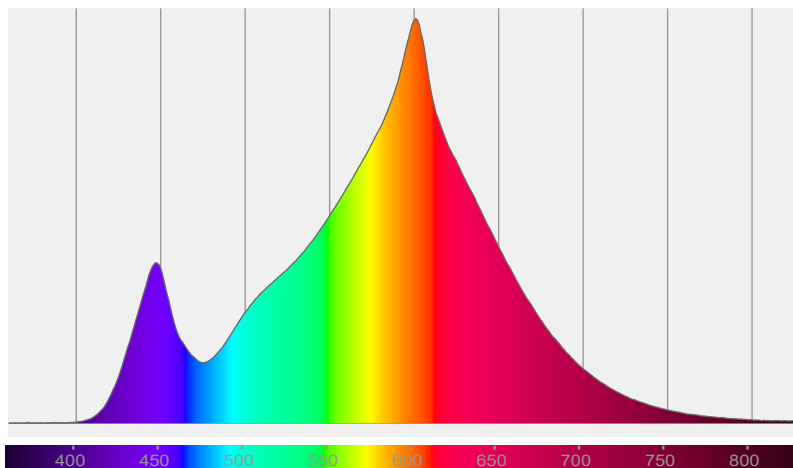
## Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 16920 lm / 17900 cd	Beam Angle (50%): 55,7°	AC Supply: 225 V / 50 Hz
Fixture Efficiency: 35 lm/W	Field Angle (10%): 95,6°	Power: 482,2 W
Intensity @ 5m: 715 lx	Cutoff Angle (2,5%): 114,1°	Current: 2,44 A
Color Temperature: 3009 K		Power Factor: 0,88
CRI: 78,0		
CRI R9 Value: -20,4		
CQS: 77,3		
TLCI: 55		
TM-30 Rf: 81,2		
TM-30 Rg: 95,8		

## Details



## Spectral Distribution



CIE 1931

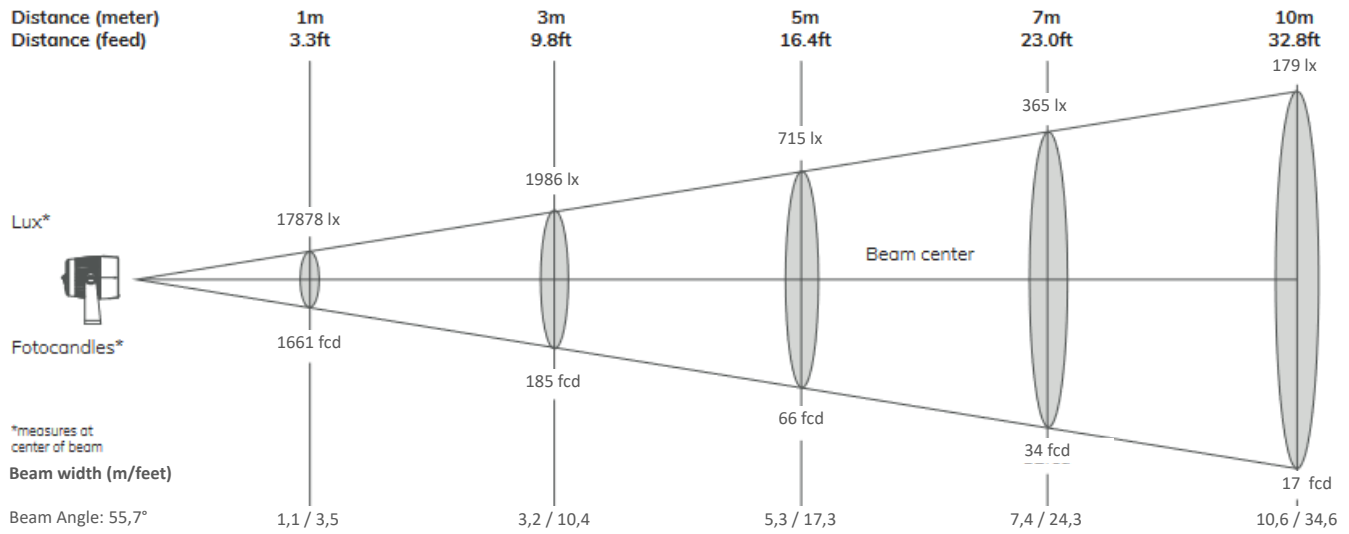
x: 0,434 y: 0,398

Light Quality

CRI: 78,0

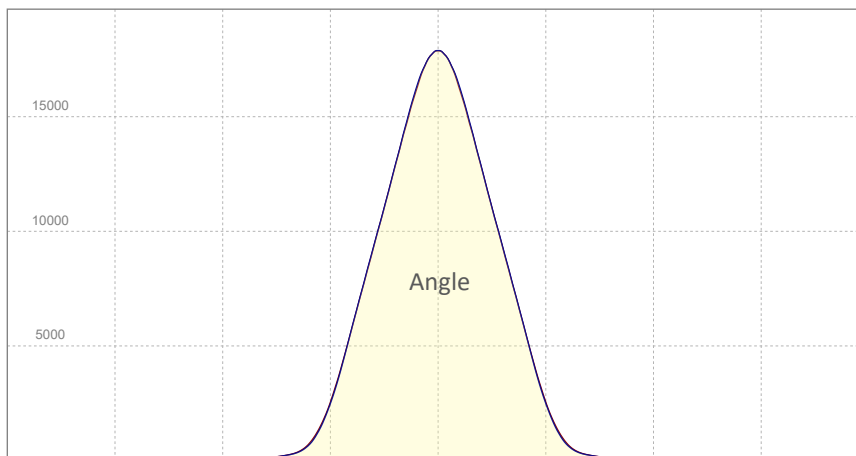
Color Temperature

3009 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: 55,7°	17878/ 1661	1,1/3,5	1986/ 185	3,2/10,4	715/ 66	5,3/17,3	365/ 34	7,4/24,3	179/ 17	10,6/34,6

Candela (cd)

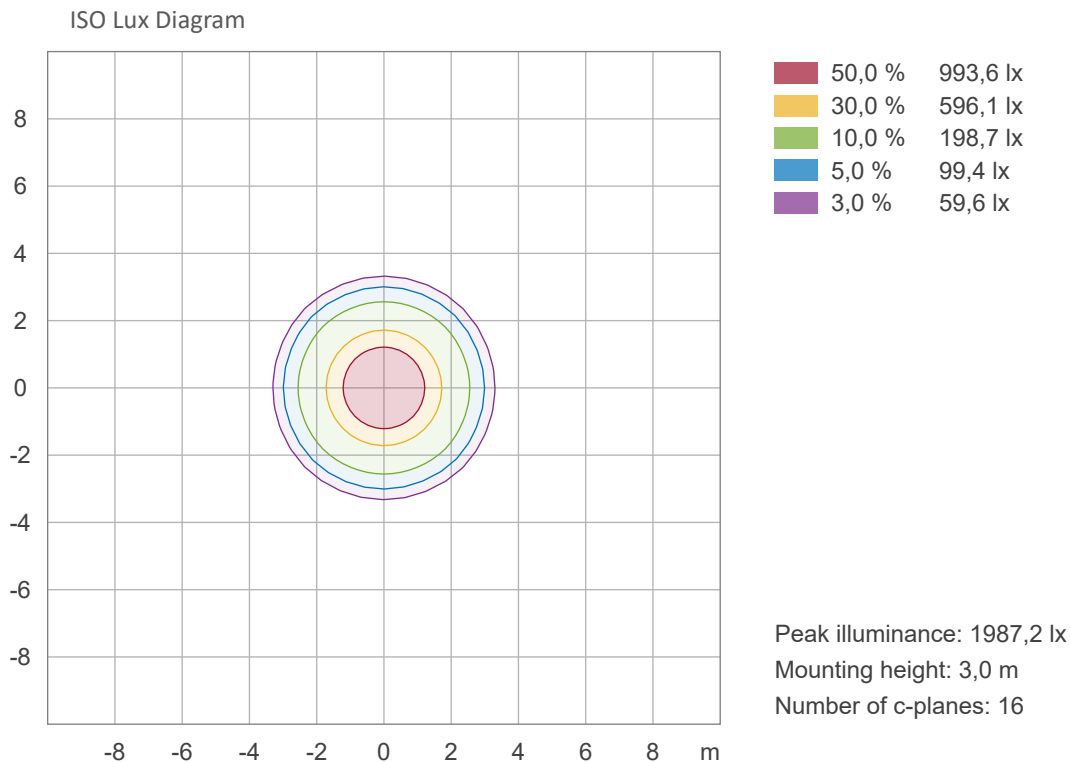
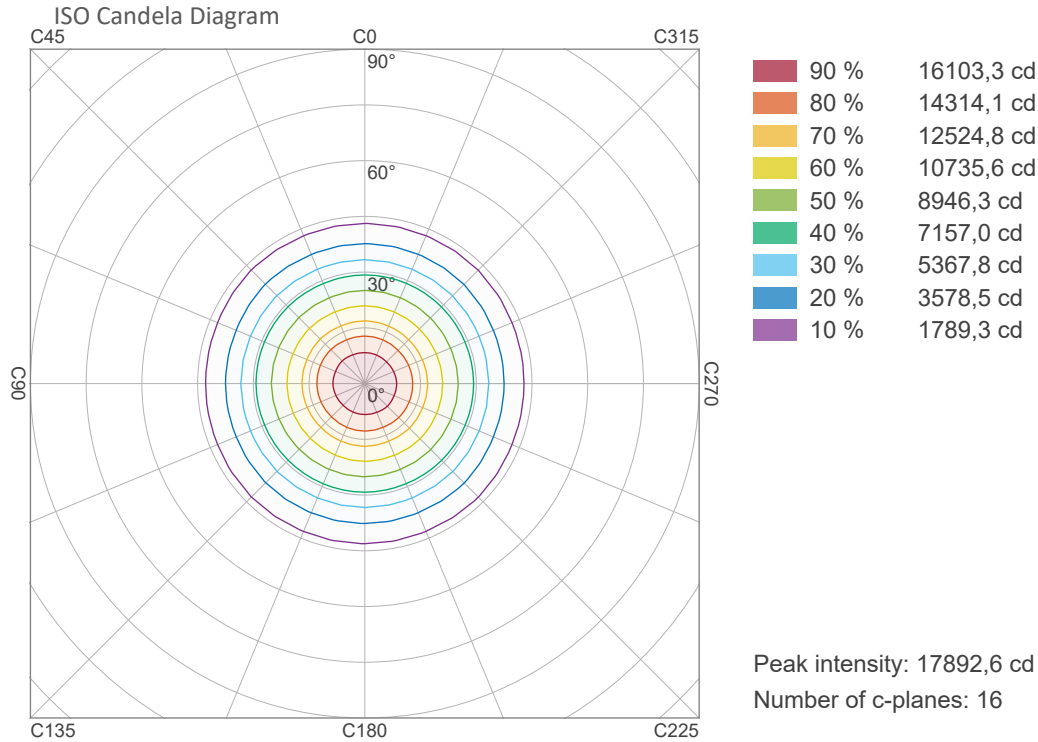


Candela Plot

Vertical Distribution

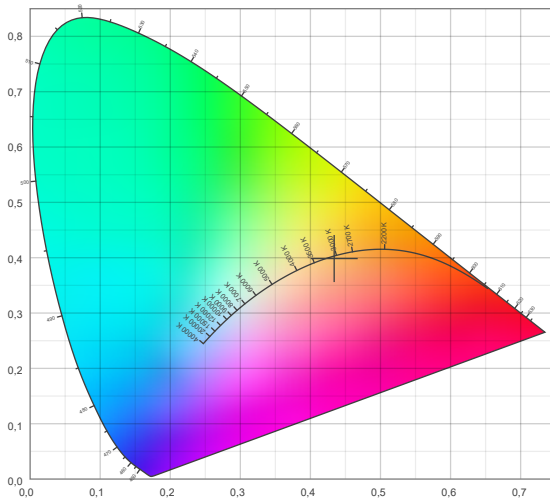
Horizontal Distribution

## ISO Diagrams

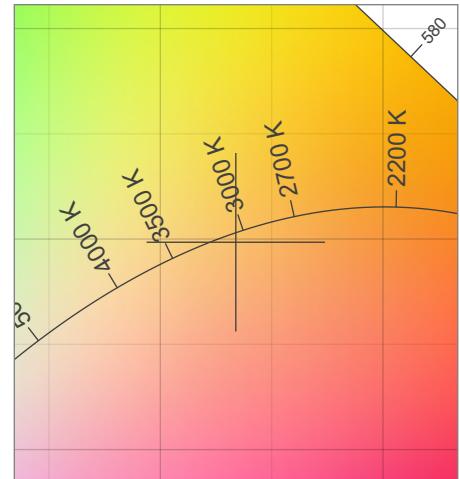


## Chromaticity

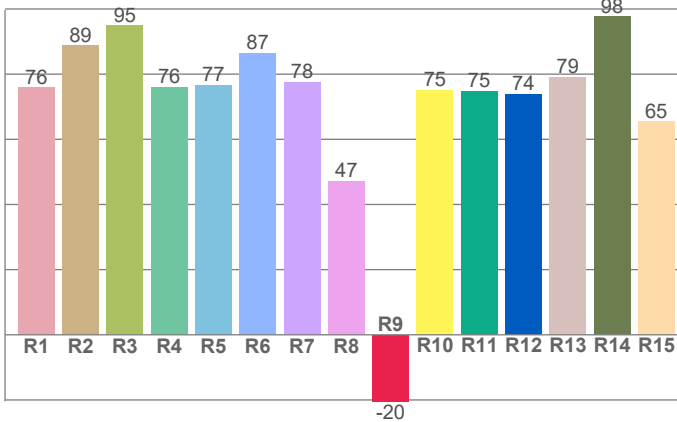
CIE 1931



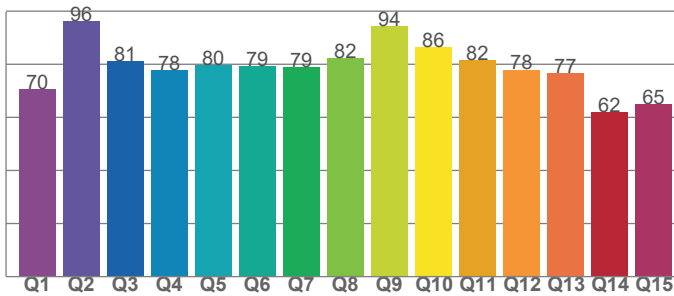
CIE 1931 - Zoom



CRI: 78,0 (R1-R8)



CQS: 77,3



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
3009K	0,434	0,398

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	u	v
-0,0018	0,251	0,346

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI - R9	CQS
78,0	-20,4	77,3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 - Rf	TM30 - Rg
55	81,2	95,8

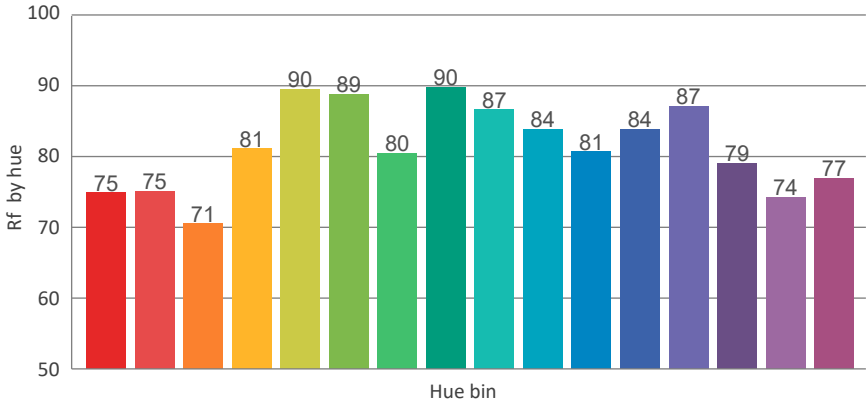
TM30 Details

Rf 81,2

Fidelity Index Rf

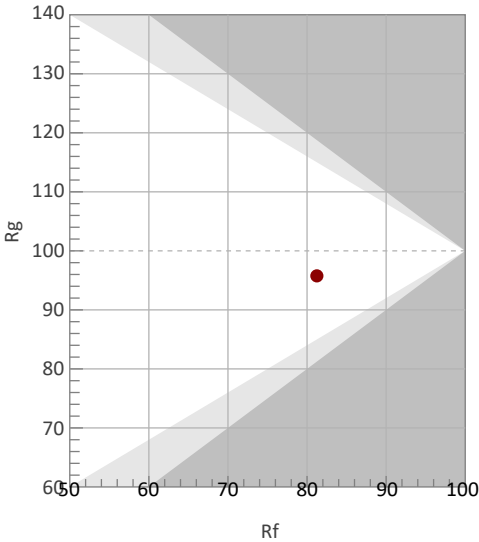
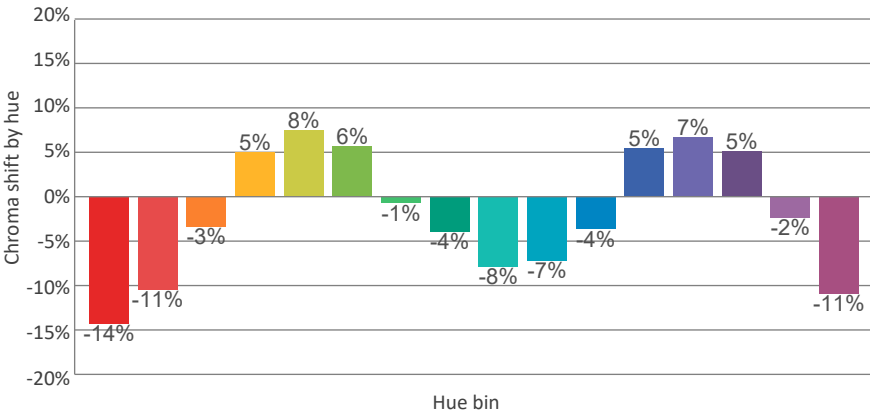
Rg 95,8

Gamut Index Rg

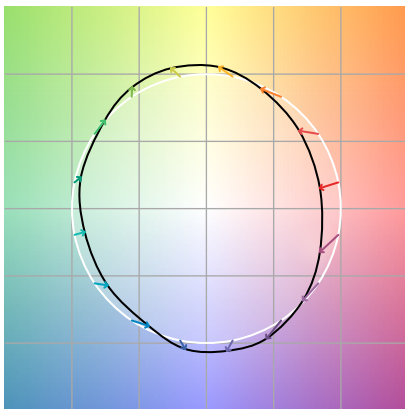


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30\_BIN\_VALUES\_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

