

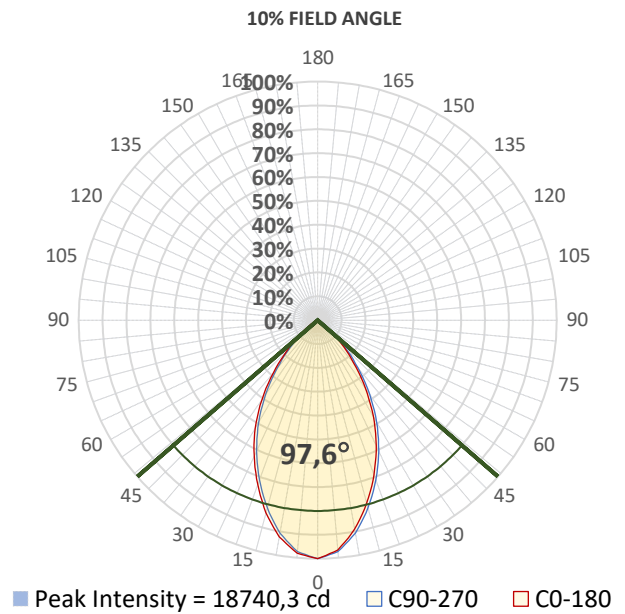
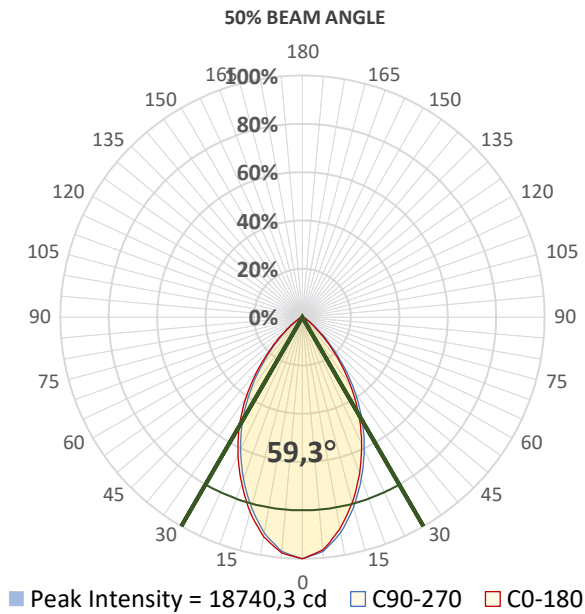
Report Summary



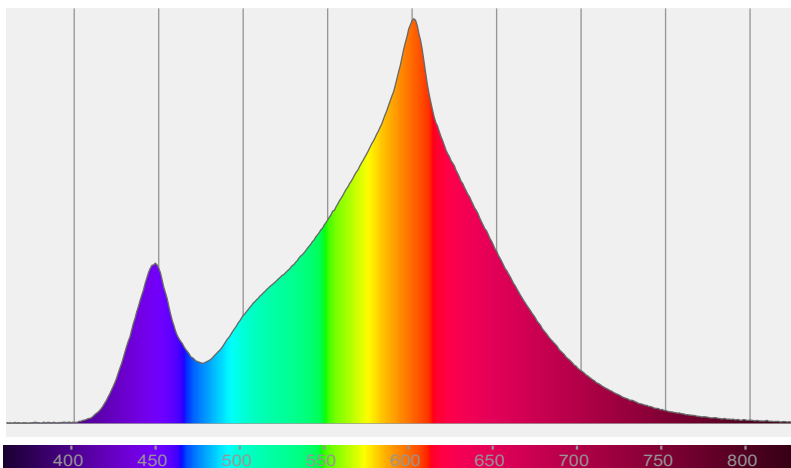
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 19114 lm / 18831 cd	Beam Angle (50%): 59,3°	AC Supply: 222 V / 50 Hz
Fixture Efficiency: 34 lm/W	Field Angle (10%): 97,6°	Power: 554,4 W
Intensity @ 5m: 750 lx	Cutoff Angle (2,5%): 117,9°	Current: 2,57 A
Color Temperature: 2996 K		Power Factor: 0,97
CRI: 77,5		
CRI R9 Value: -23,1		
CQS: 76,7		
TLCI: 54		
TM-30 Rf: 80,8		
TM-30 Rg: 95,7		

Details



Spectral Distribution



CIE 1931

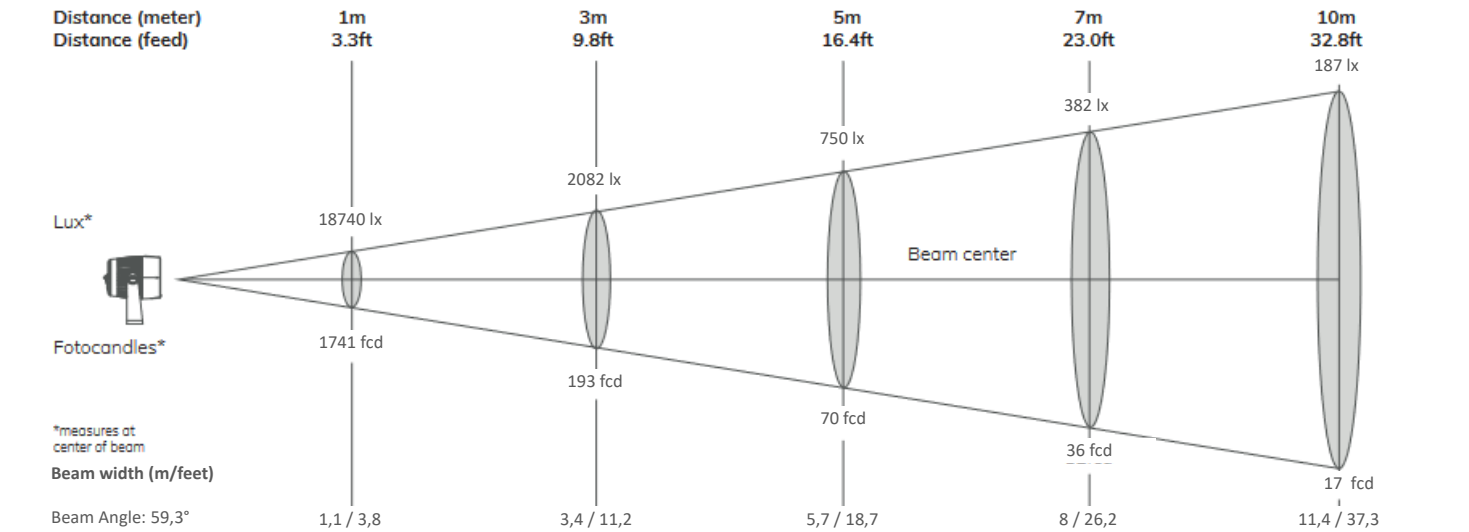
x: 0,434 y: 0,397

Light Quality

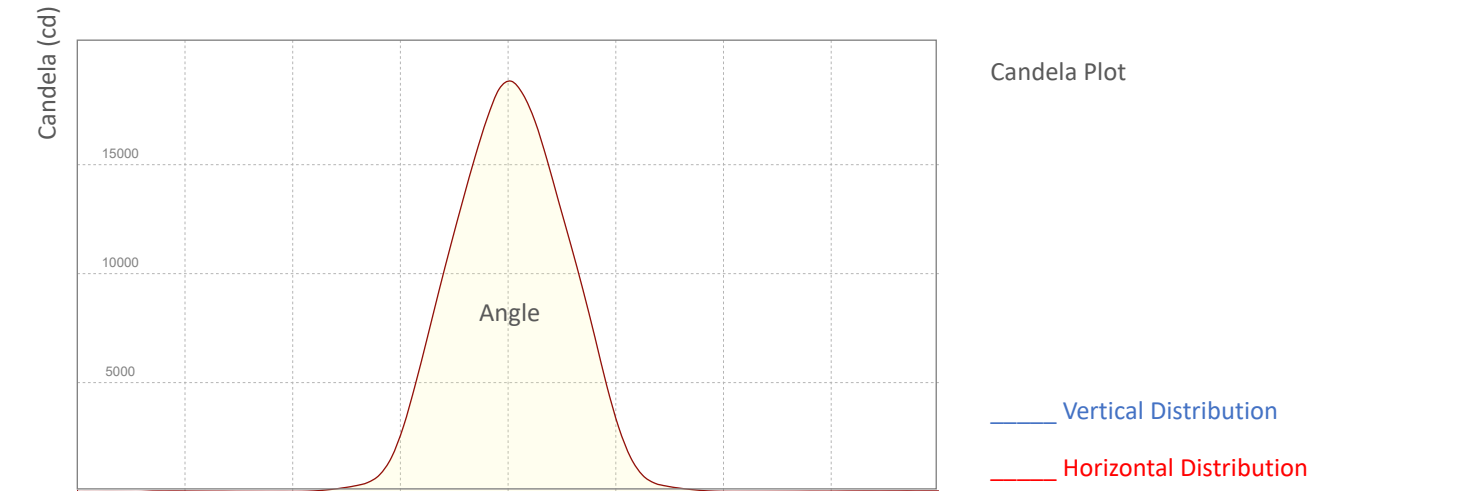
CRI: 77,5

Color Temperature

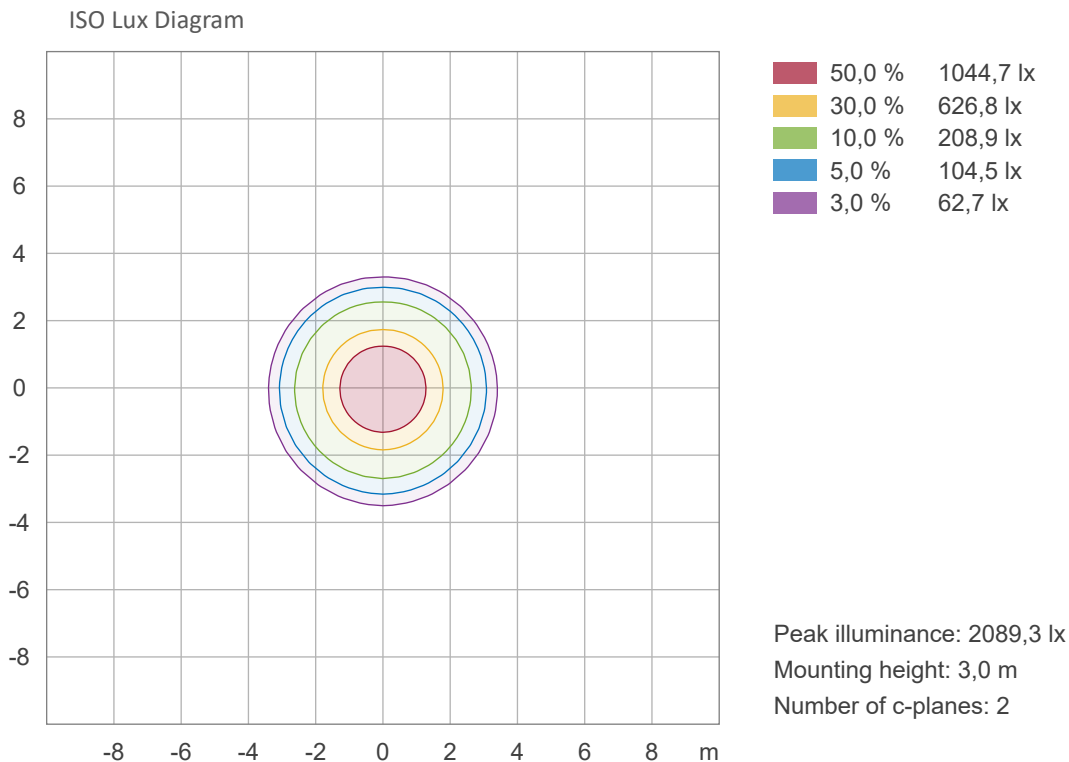
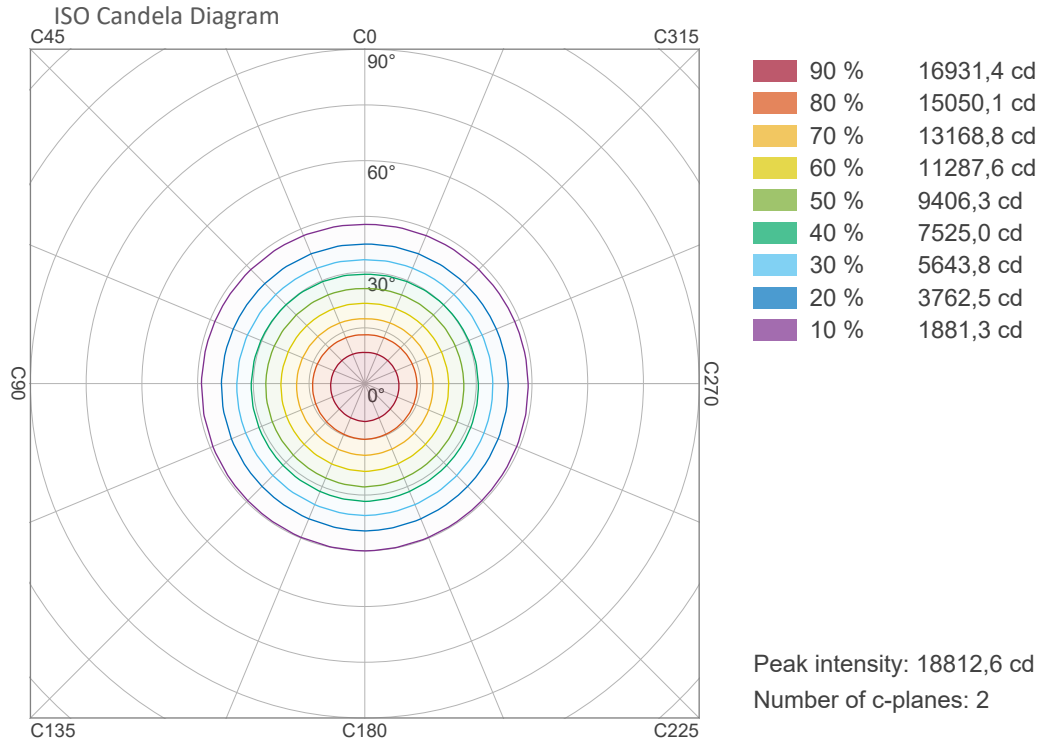
2996 K



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: 59,3°	18740/ 1741	1,1/3,8	2082/ 193	3,4/11,2	750/ 70	5,7/18,7	382/ 36	8/26,2	187/ 17	11,4/37,3

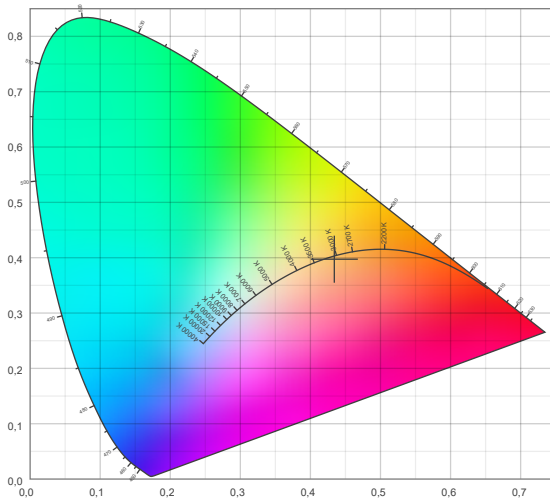


ISO Diagrams

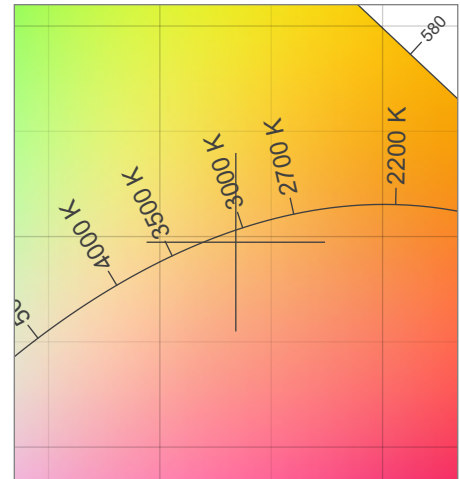


Chromaticity

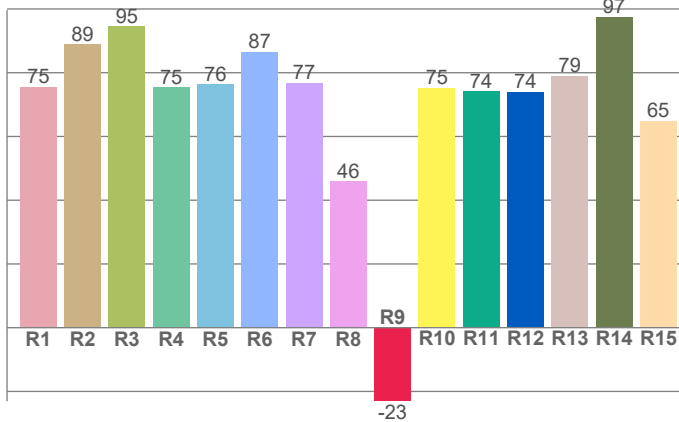
CIE 1931



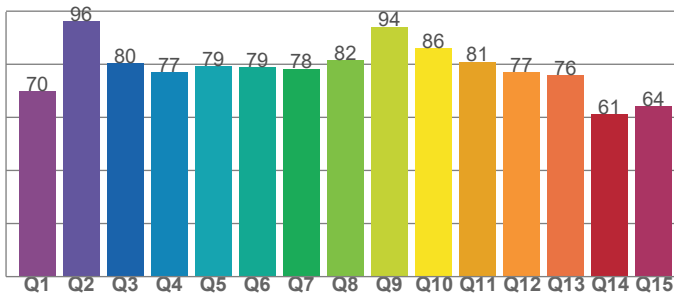
CIE 1931 - Zoom



CRI: 77,5 (R1-R8)



CQS: 76,7



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
2996K	0,434	0,397

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
-0,0023	0,252	0,346

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
77,5	-23,1	76,7

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
54	80,8	95,7

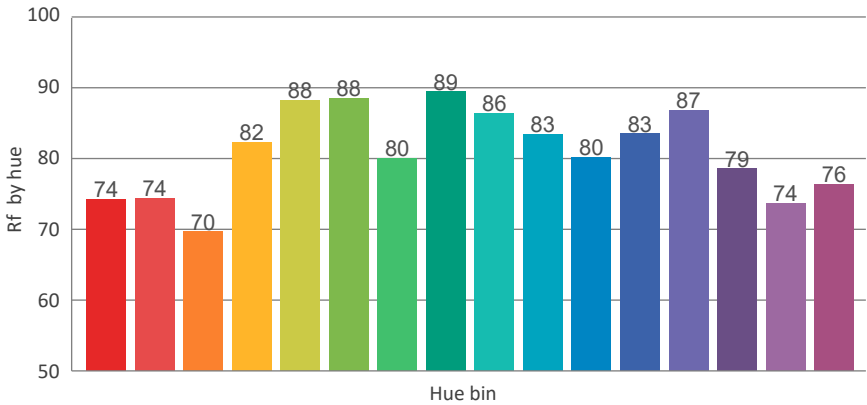
TM30 Details

Rf 80,8

Fidelity Index Rf

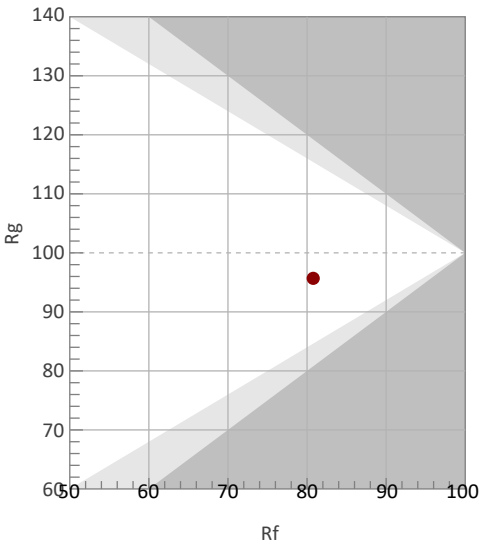
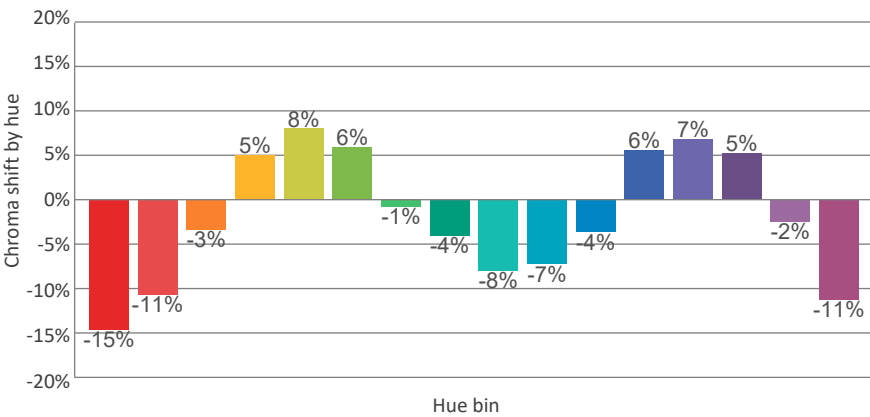
Rg 95,7

Gamut Index Rg

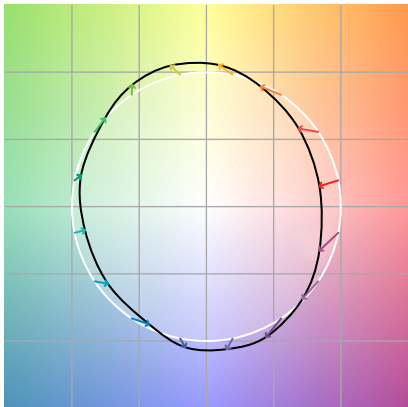


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

