

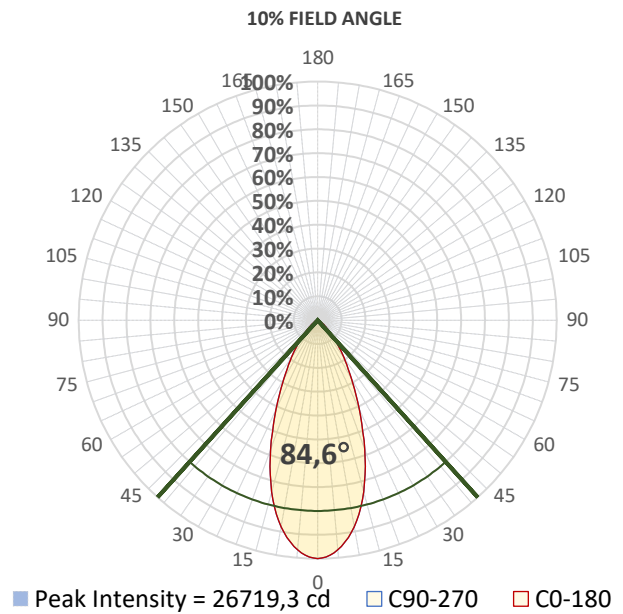
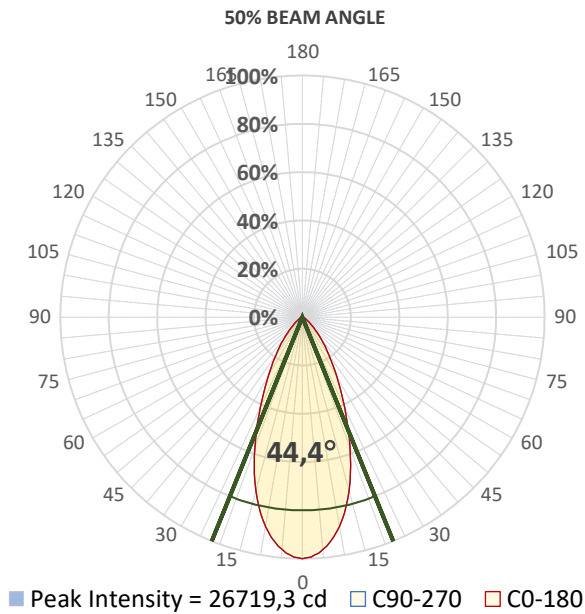
Report Summary



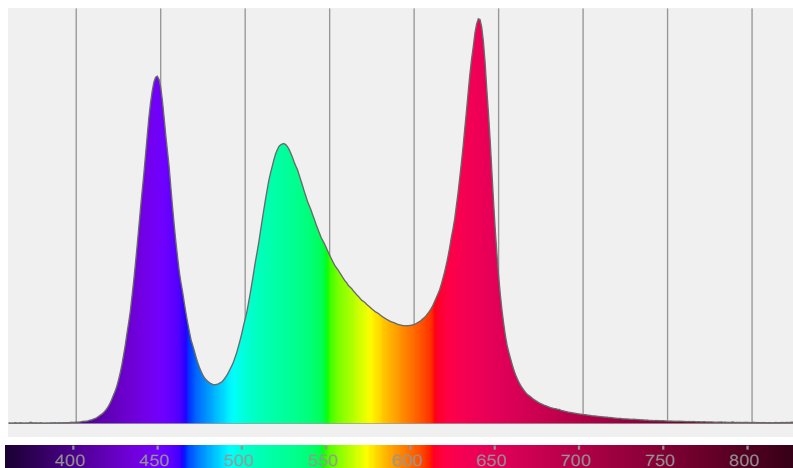
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 18947 lm / 26719 cd	Beam Angle (50%): 44,4°	AC Supply: 223 V / 50 Hz
Fixture Efficiency: 36 lm/W	Field Angle (10%): 84,6°	Power: 525,4 W
Intensity @ 5m: 1069 lx	Cutoff Angle (2,5%): 111,4°	Current: 2,42 A
Color Temperature: 5881 K		Power Factor: 0,98
CRI: 75,9		
CRI R9 Value: -7,5		
CQS: 86,0		
TLCI: 65		
TM-30 Rf: 81,9		
TM-30 Rg: 114,6		

Details



Spectral Distribution



CIE 1931

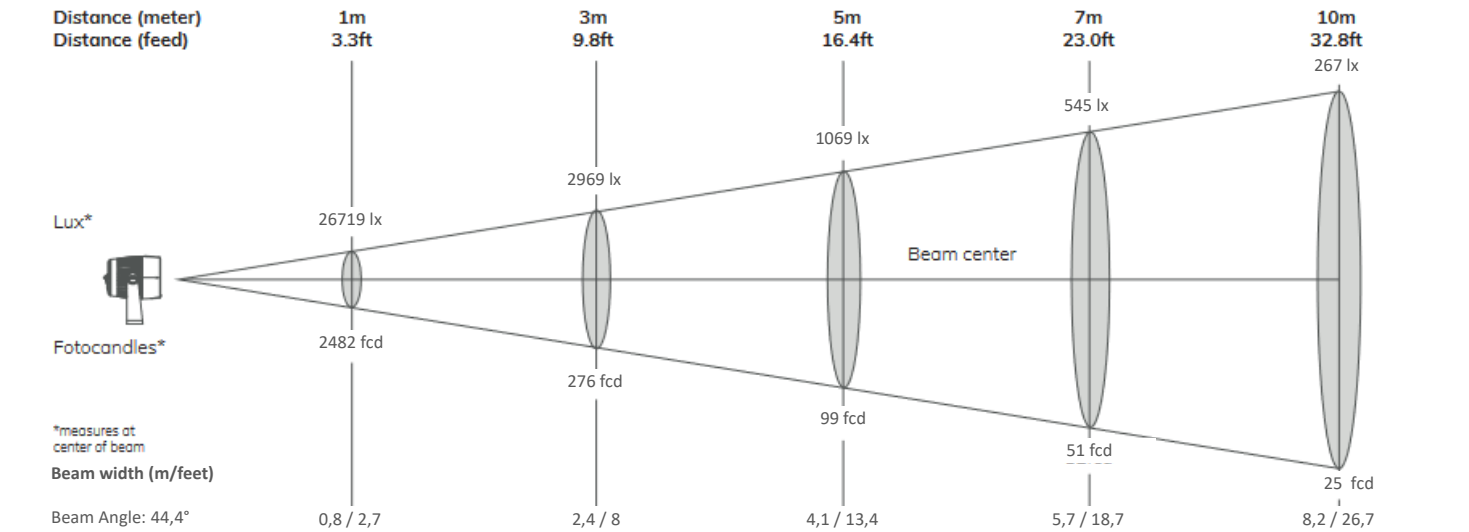
x: 0,324 y: 0,343

Light Quality

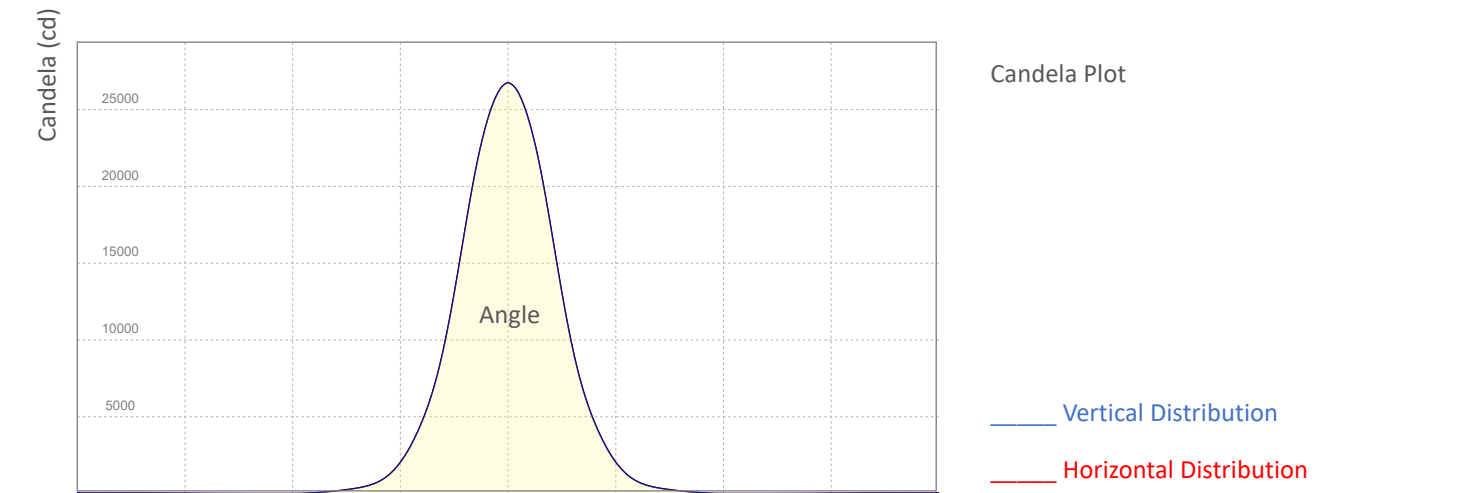
CRI: 75,9

Color Temperature

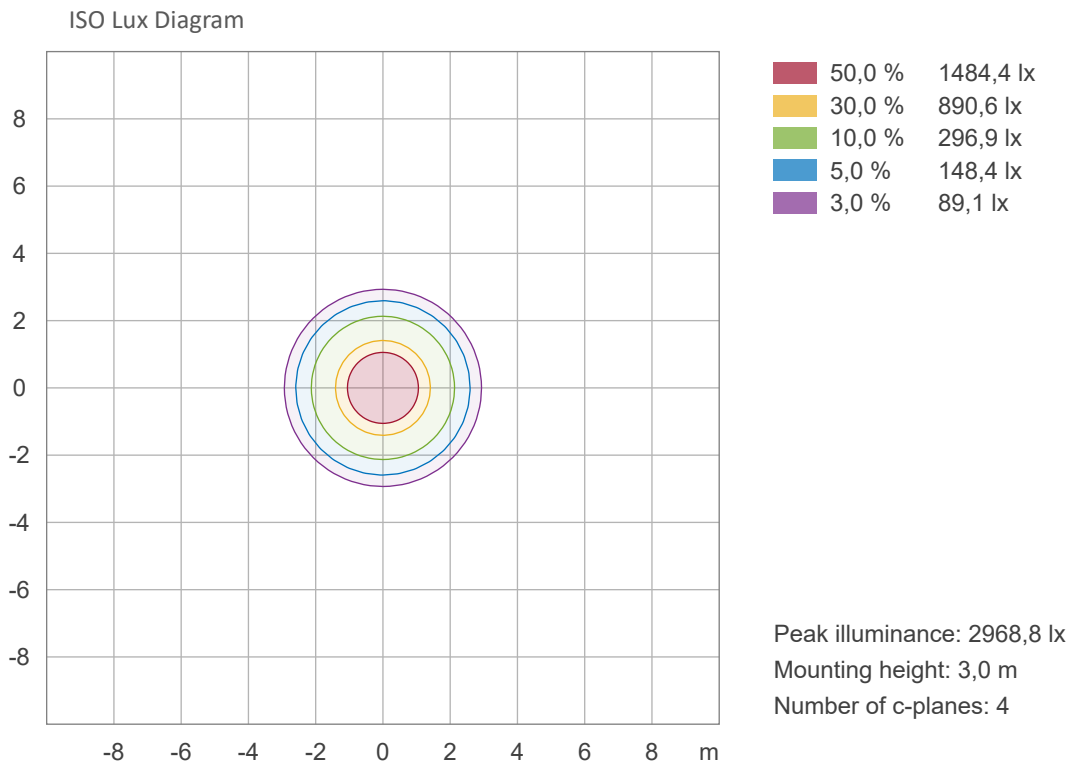
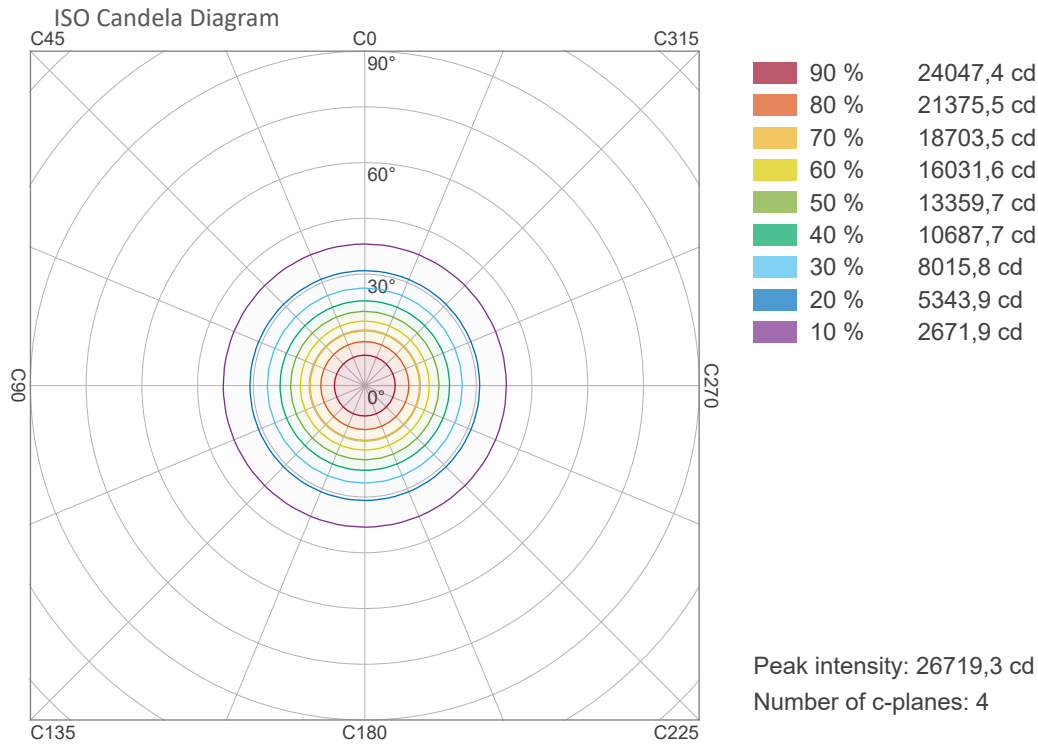
5881 K



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: 44,4°	26719/ 2482	0,8/2,7	2969/ 276	2,4/8	1069/ 99	4,1/13,4	545/ 51	5,7/18,7	267/ 25	8,2/26,7

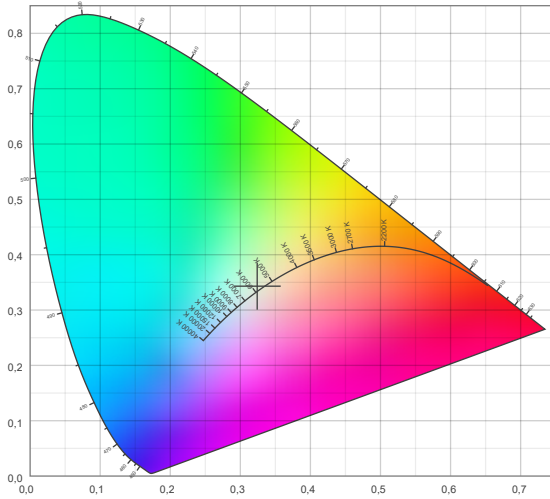


ISO Diagrams

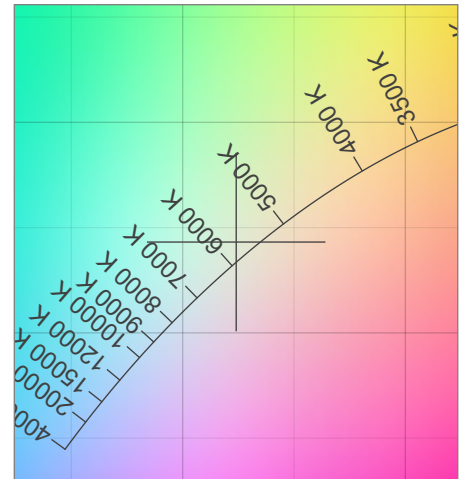


Chromaticity

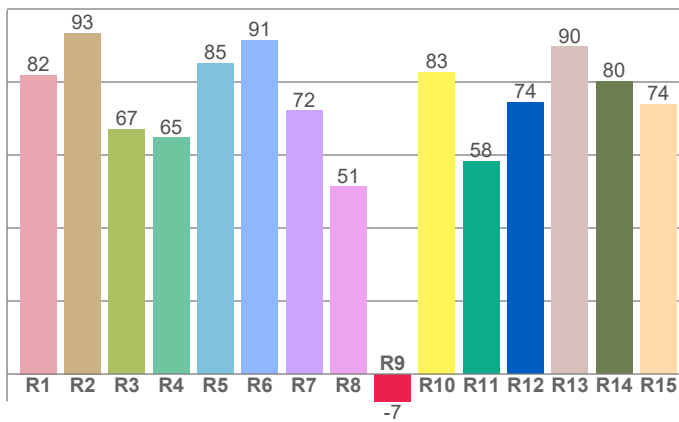
CIE 1931



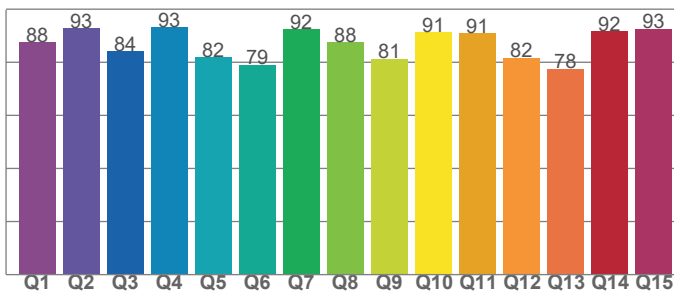
CIE 1931 - Zoom



CRI: 75,9 (R1-R8)



CQS: 86,0



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5881K	0,324	0,343

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0049	0,200	0,318

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
75,9	-7,5	86,0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
65	81,9	114,6

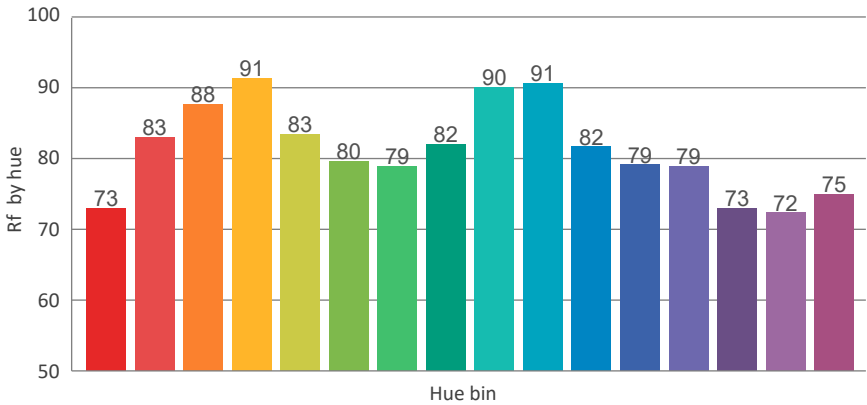
TM30 Details

Rf 81,9

Fidelity Index Rf

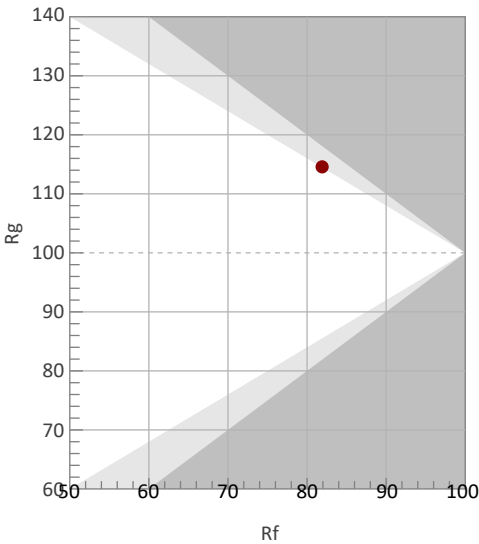
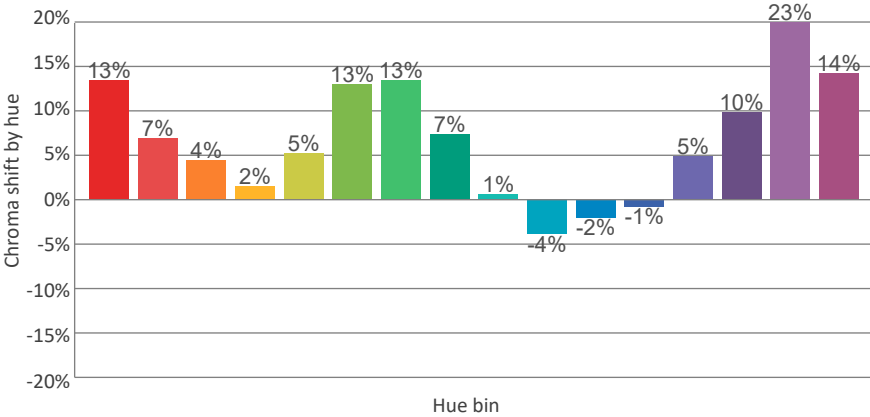
Rg 114,6

Gamut Index Rg

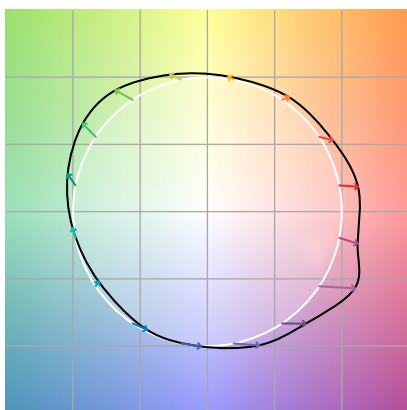


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

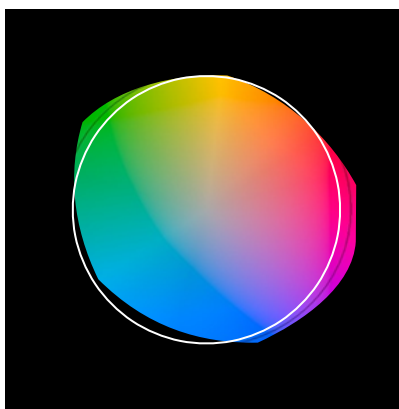
TM30_BIN_VALUES_END



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

