

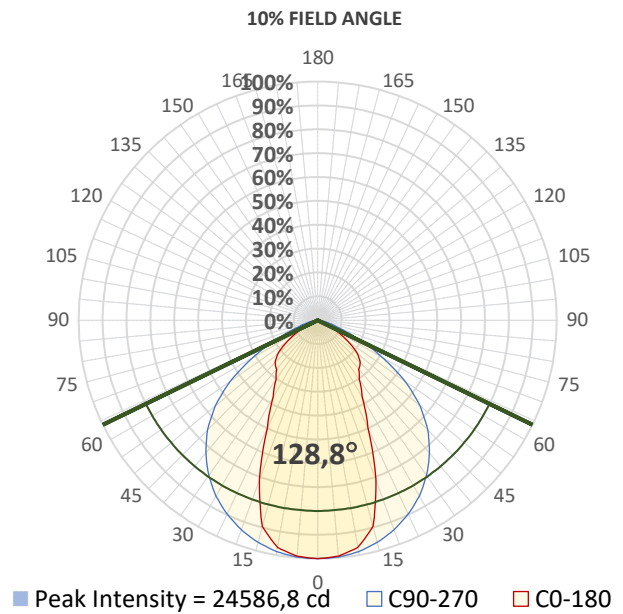
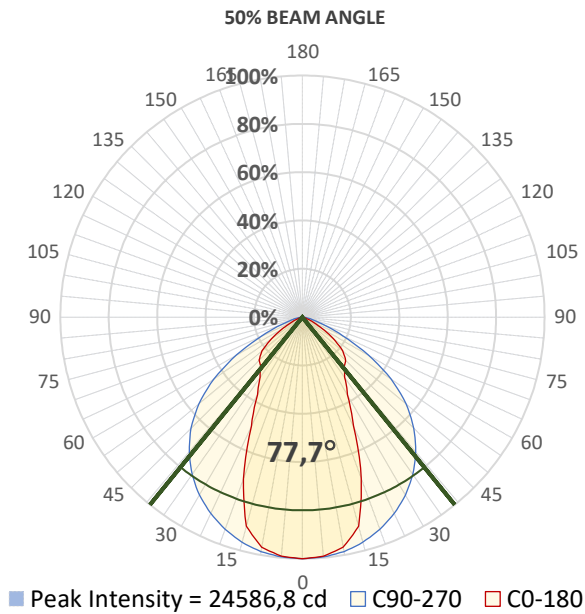
Report Summary



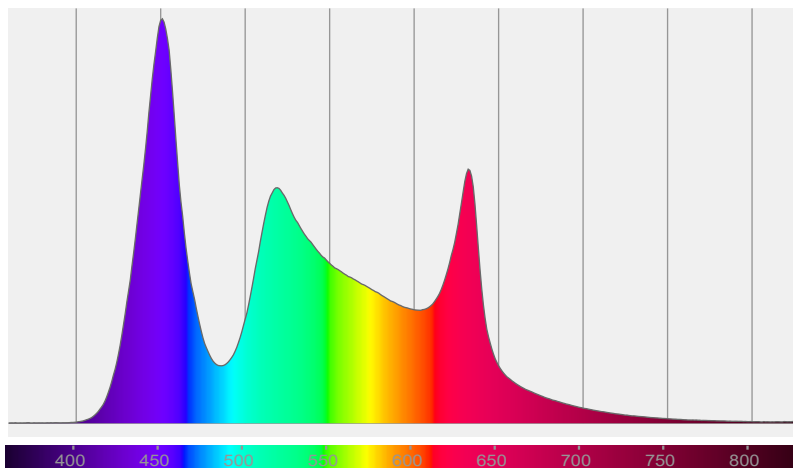
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 44090 lm / 24598 cd	Beam Angle (50%): 77,7°	AC Supply: 222 V / 50 Hz
Fixture Efficiency: 48 lm/W	Field Angle (10%): 128,8°	Power: 909,1 W
Intensity @ 5m: 983 lx	Cutoff Angle (2,5%): 147,8°	Current: 4,14 A
Color Temperature: 7826 K		Power Factor: 0,99
CRI: 87,8		
CRI R9 Value: 70,5		
CQS: 90,3		
TLCI: 90		
TM-30 Rf: 87,2		
TM-30 Rg: 106,4		

Details



Spectral Distribution



CIE 1931

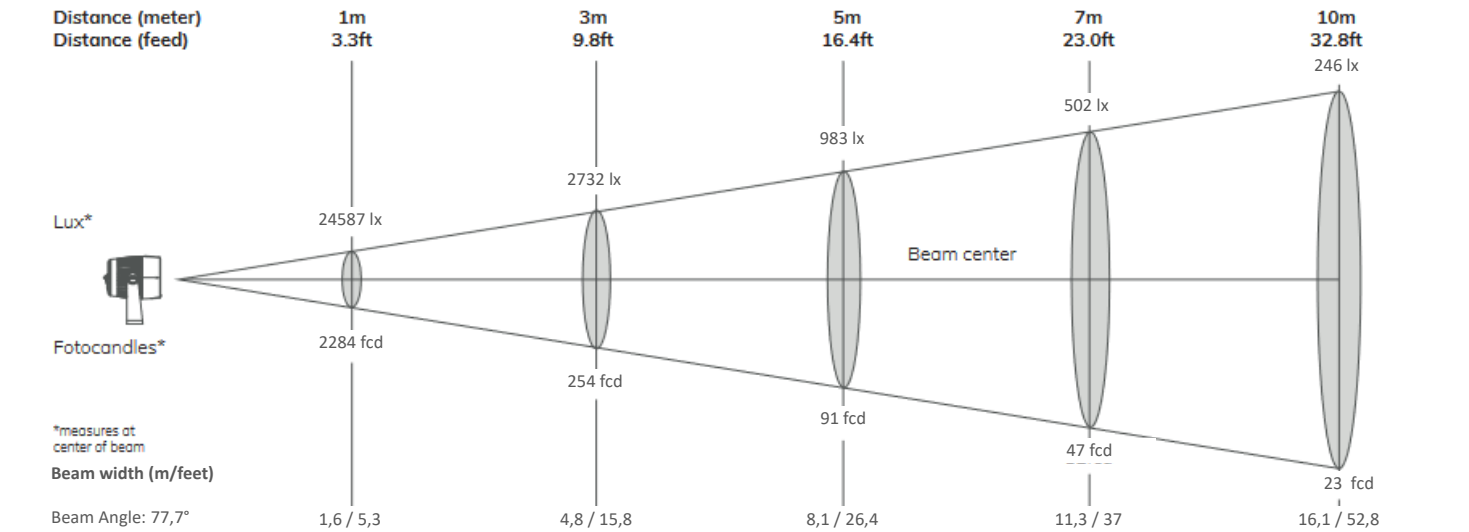
x: 0,297 y: 0,306

Light Quality

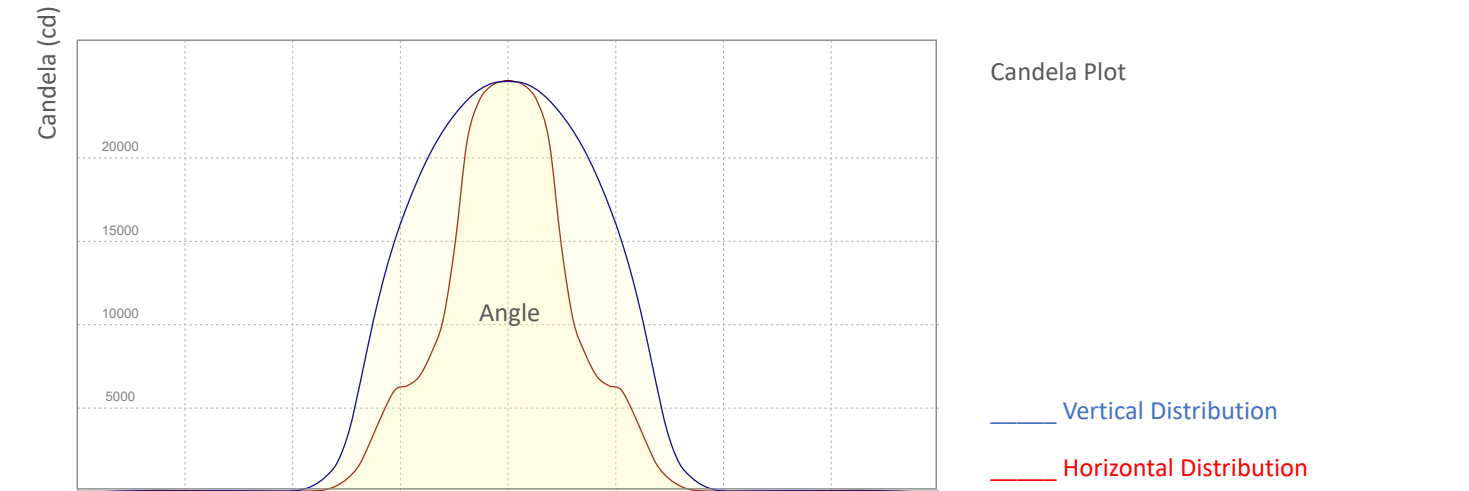
CRI: 87,8

Color Temperature

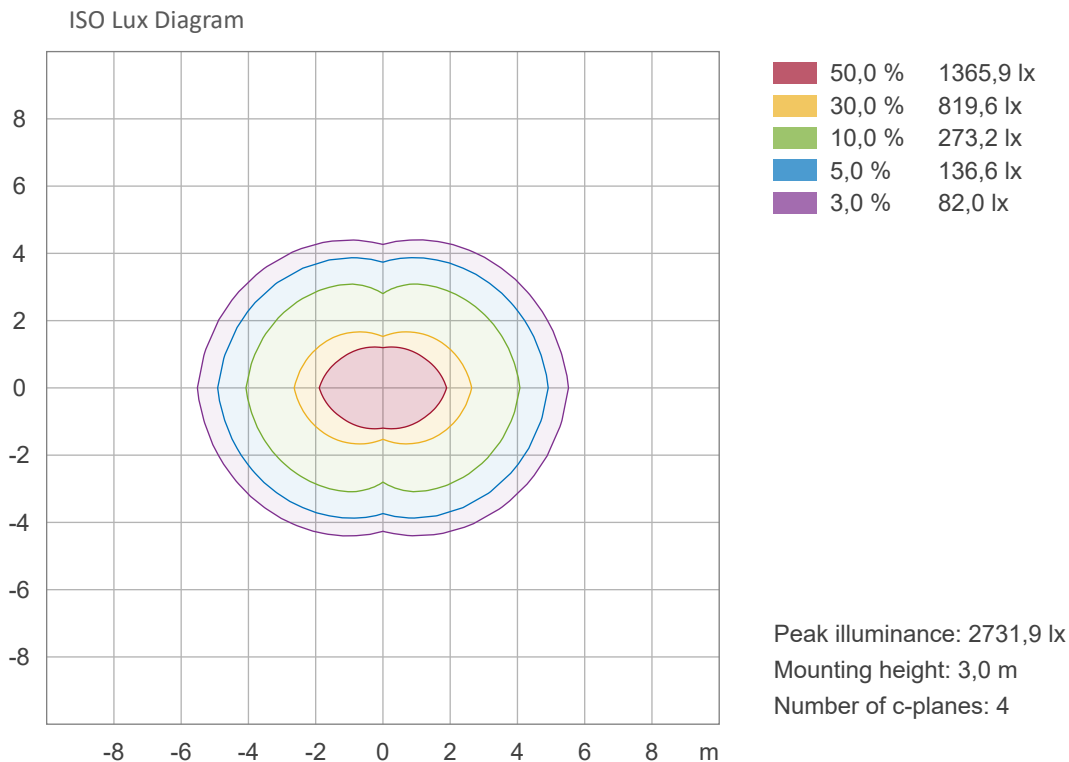
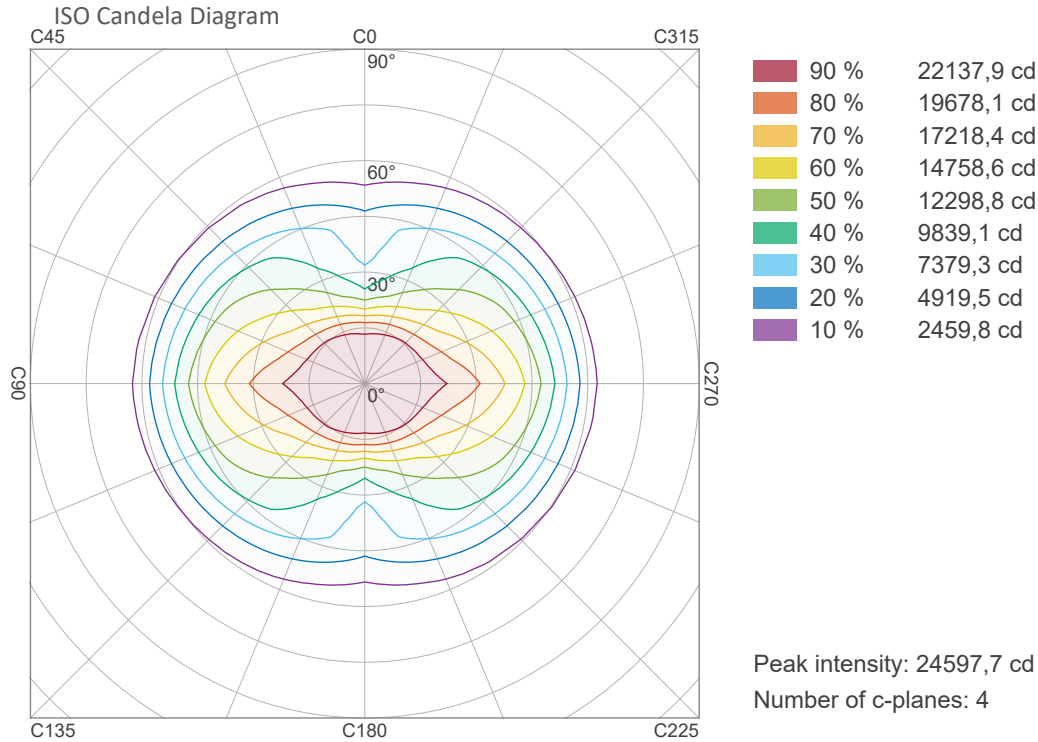
7826 K



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: 77,7°	24587/ 2284	1,6/5,3	2732/ 254	4,8/15,8	983/ 91	8,1/26,4	502/ 47	11,3/37	246/ 23	16,1/52,8

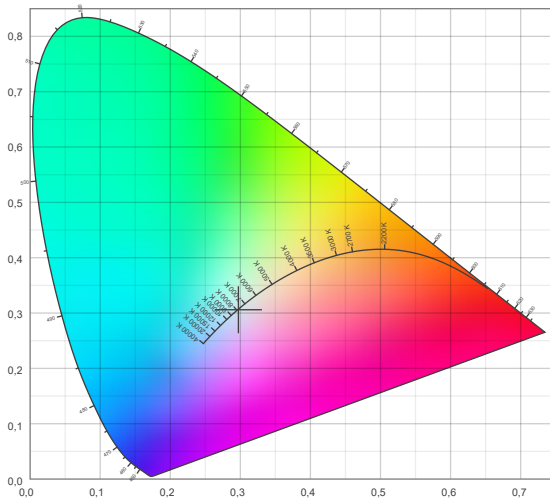


ISO Diagrams

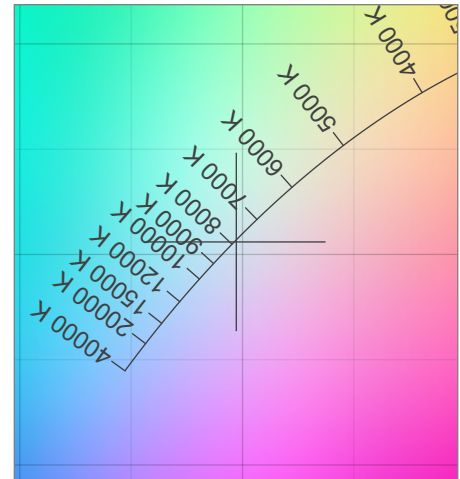


Chromaticity

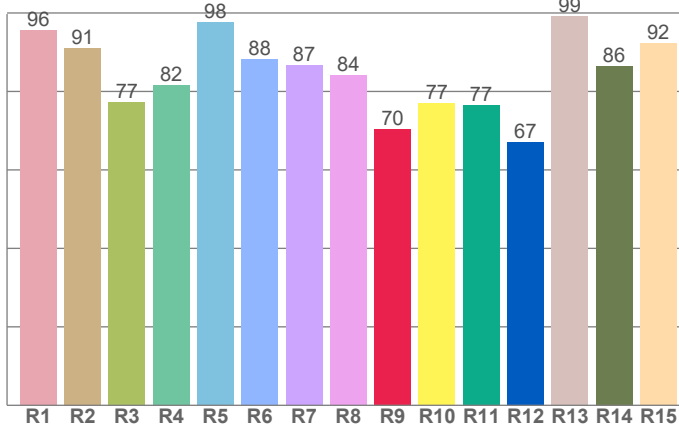
CIE 1931



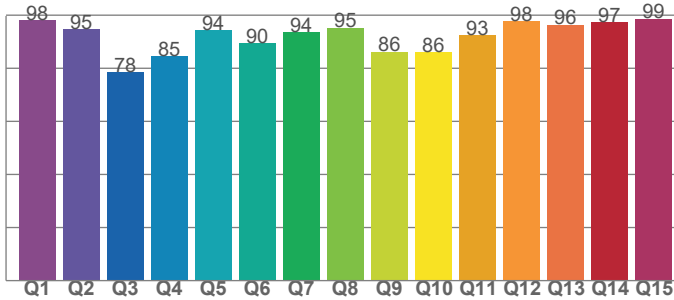
CIE 1931 - Zoom



CRI: 87,8 (R1-R8)



CQS: 90,3



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7826K	0,297	0,306

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
-0,0005	0,196	0,302

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
87,8	70,5	90,3

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
90	87,2	106,4

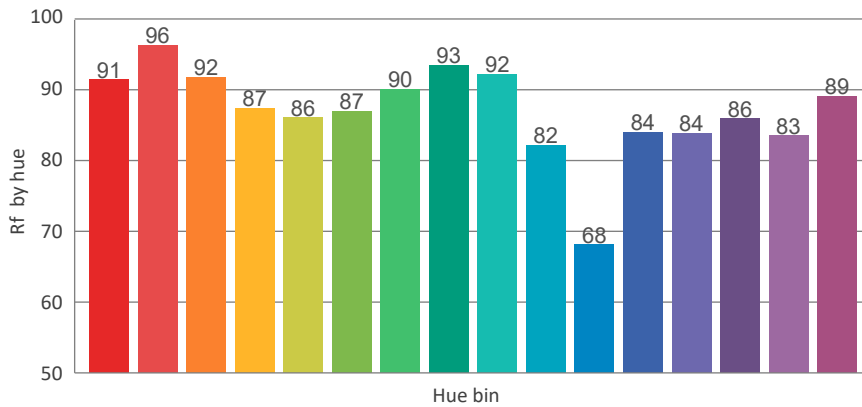
TM30 Details

Rf 87,2

Fidelity Index Rf

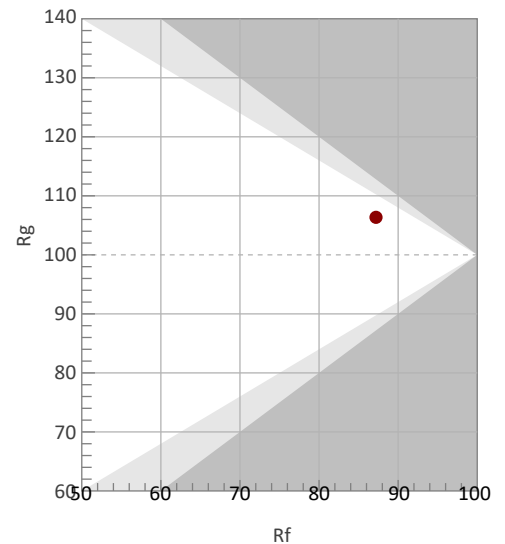
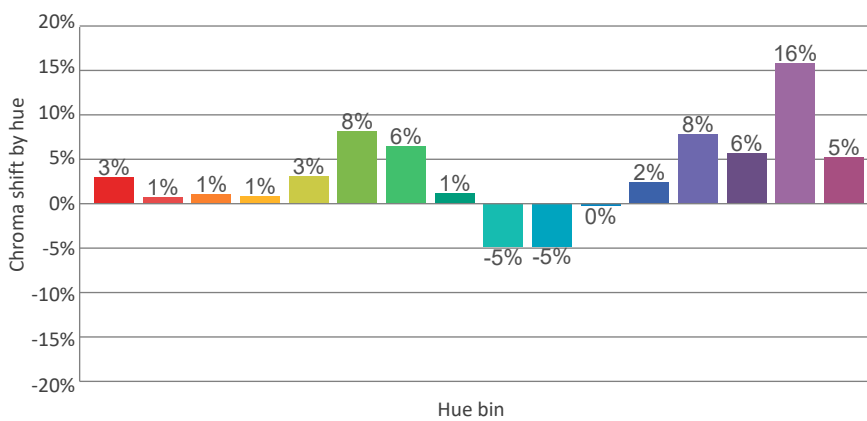
Rg 106,4

Gamut Index Rg

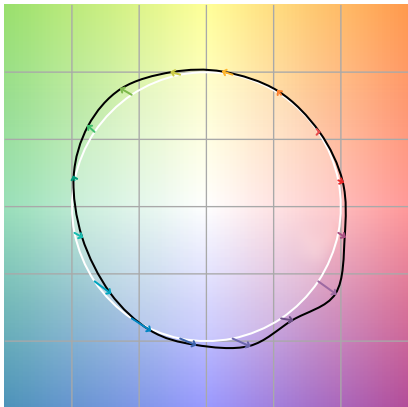


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

