

Report Summary

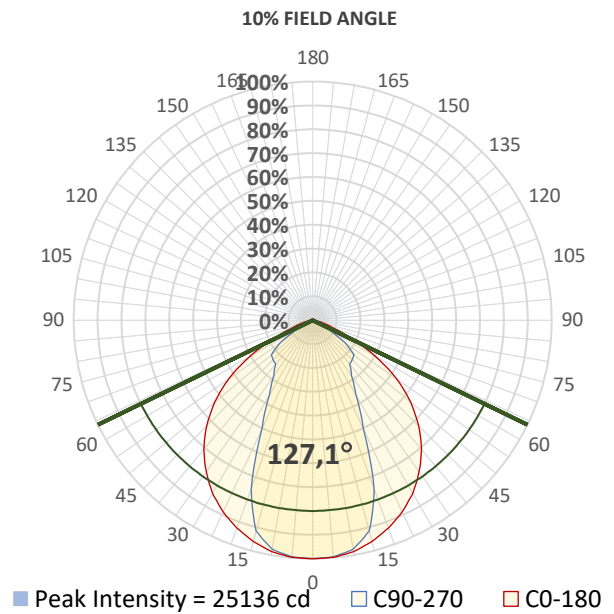
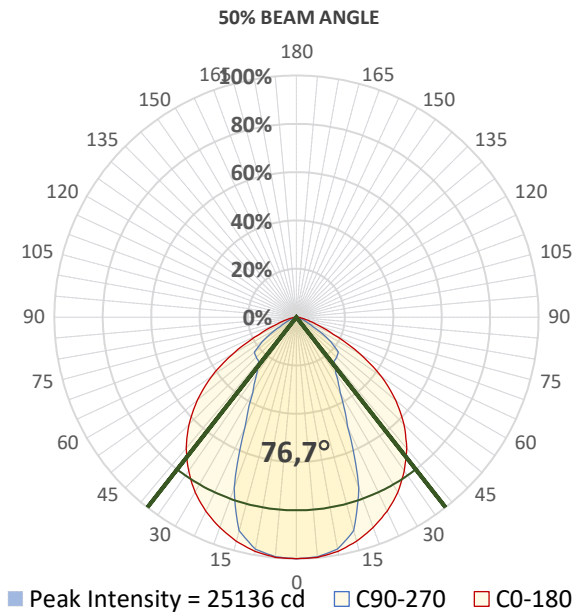


Measurements

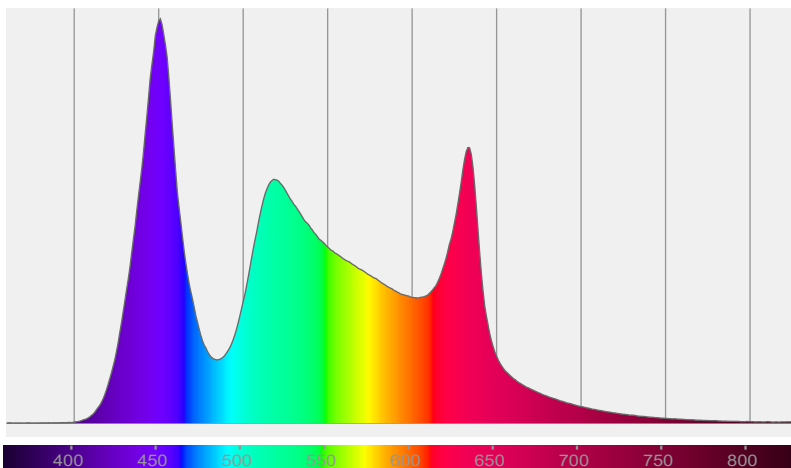
Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 44070 lm / 25153 cd	Beam Angle (50%): 76,7°	AC Supply: 221 V / 49,9 Hz
Fixture Efficiency: 50 lm/W	Field Angle (10%): 127,1°	Power: 882,3 W
Intensity @ 5m: 1005 lx	Cutoff Angle (2,5%): 146,9°	Current: 4,00 A
Color Temperature: 7111 K		Power Factor: 1,0
CRI: 88,7		
CRI R9 Value: 77,4		
CQS: 91,0		
TLCI: 90		
TM-30 Rf: 88,2		
TM-30 Rg: 106,4		

Peak

Details



Spectral Distribution



CIE 1931

x: 0,305 y: 0,317

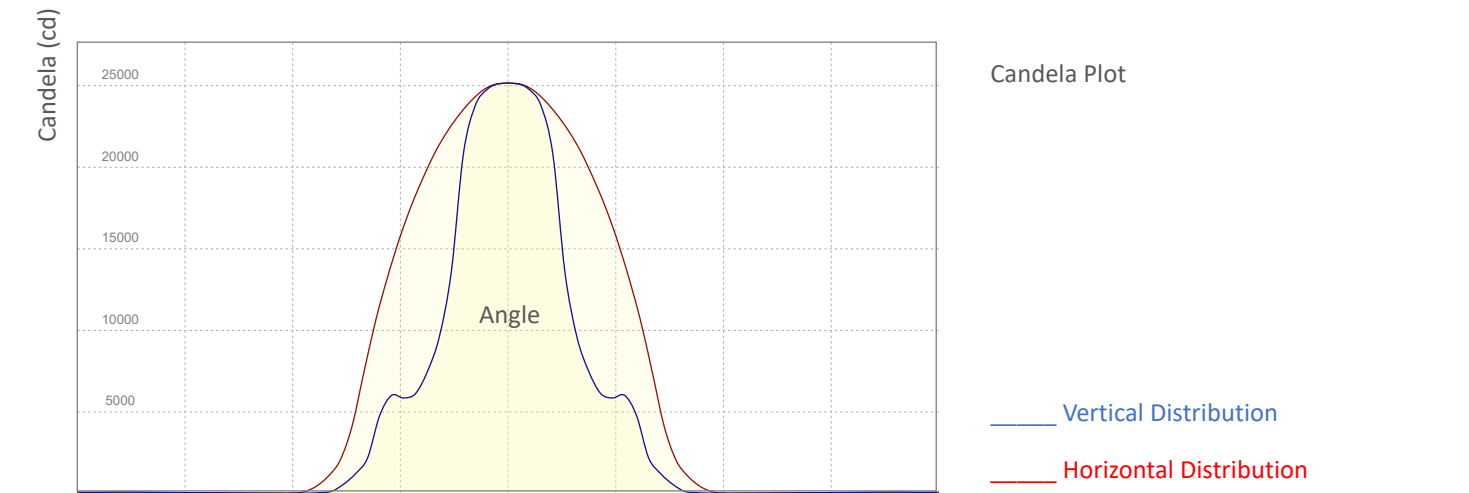
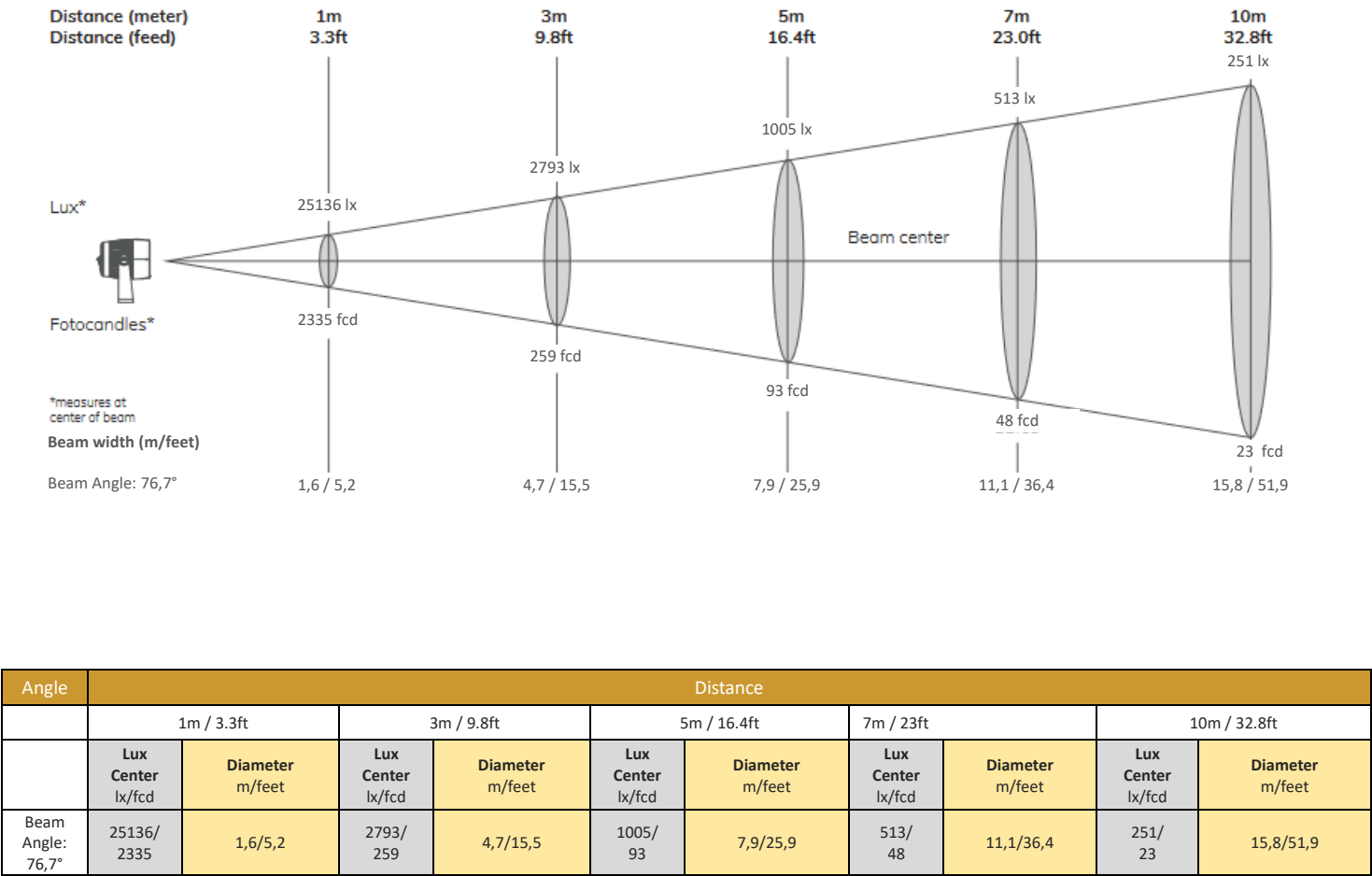
Light Quality

CRI: 88,7

Color Temperature

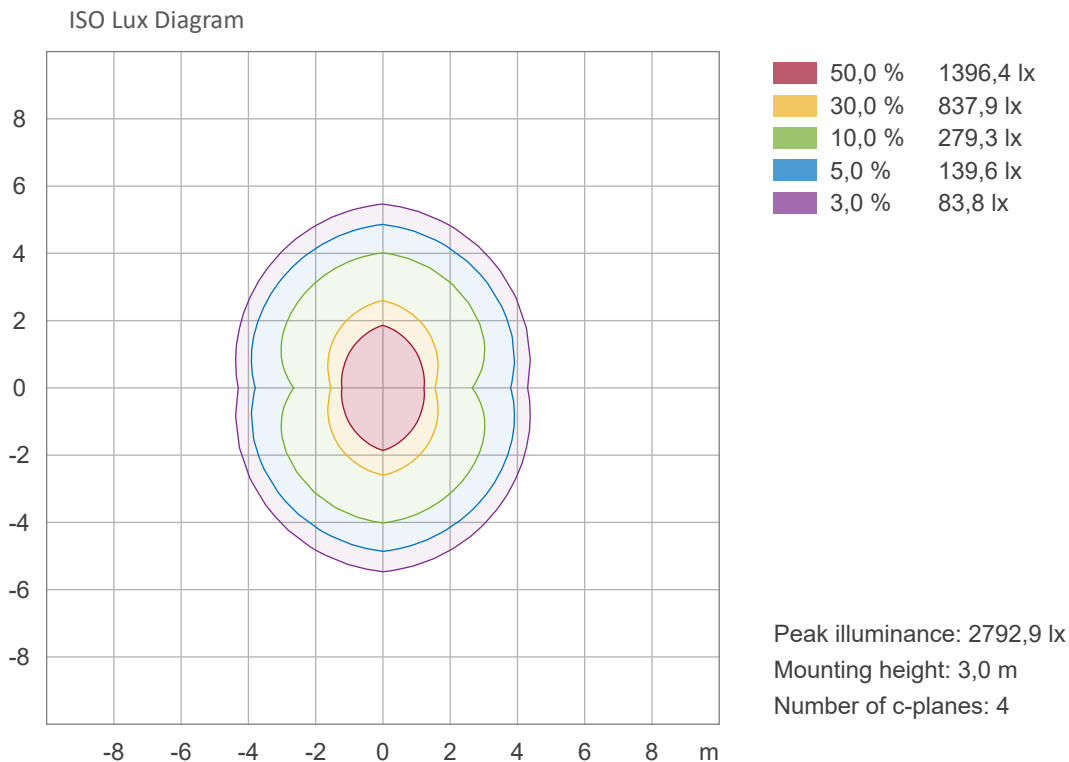
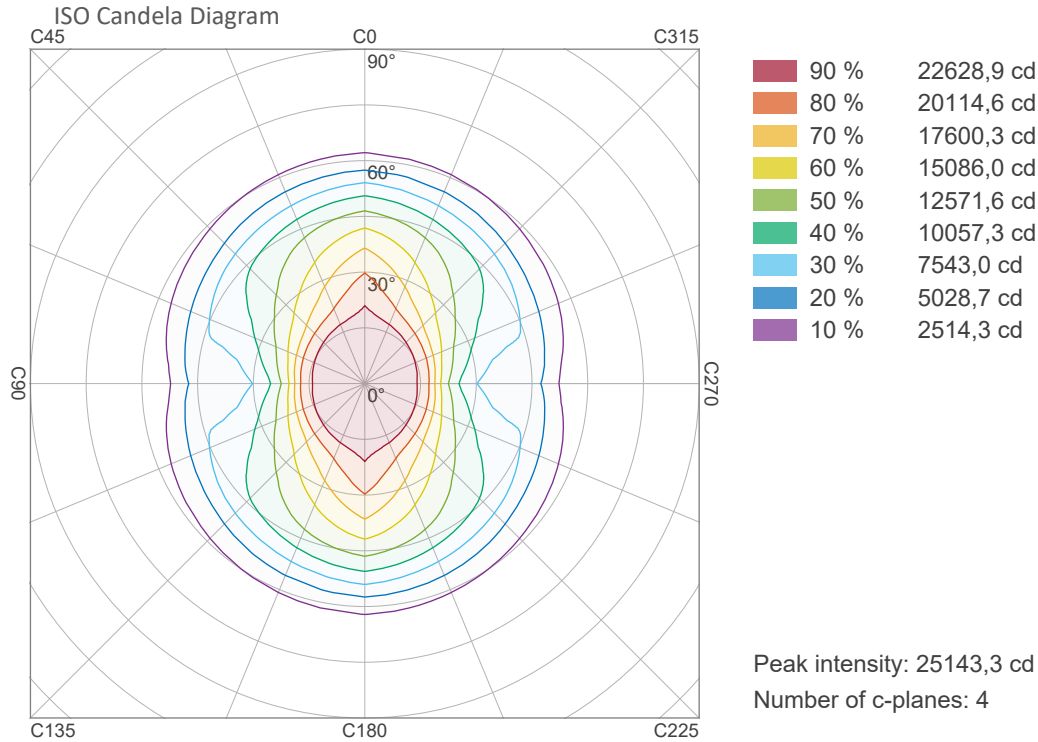
7111 K

Peak



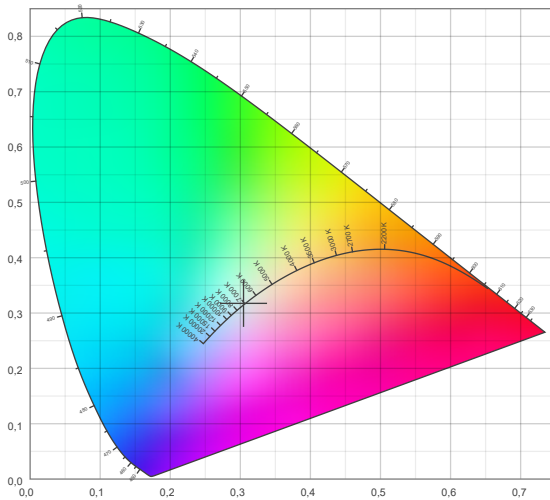
Peak

ISO Diagrams

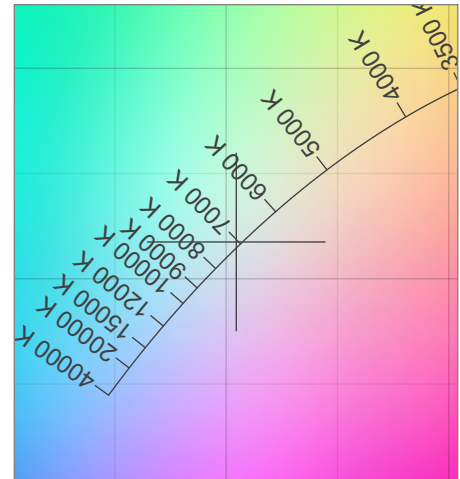


Chromaticity

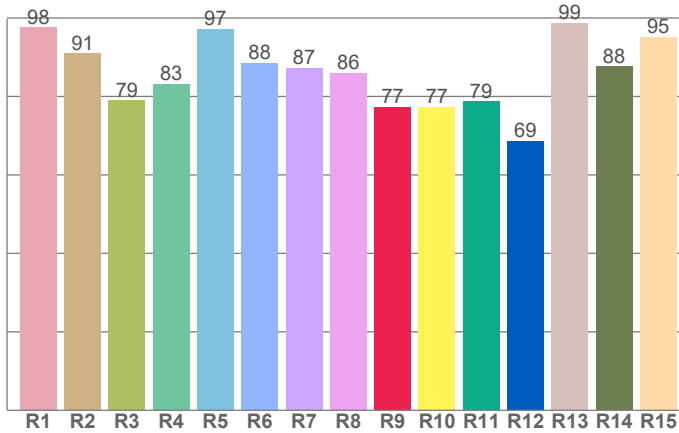
CIE 1931



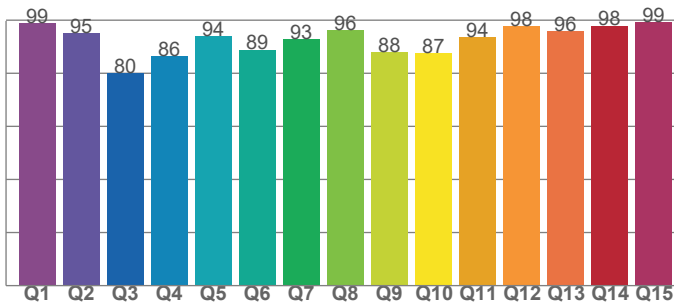
CIE 1931 - Zoom



CRI: 88,7 (R1-R8)



CQS: 91,0



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
7111K	0,305	0,317

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0015	0,196	0,307

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
88,7	77,4	91,0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
90	88,2	106,4

TM30 Details

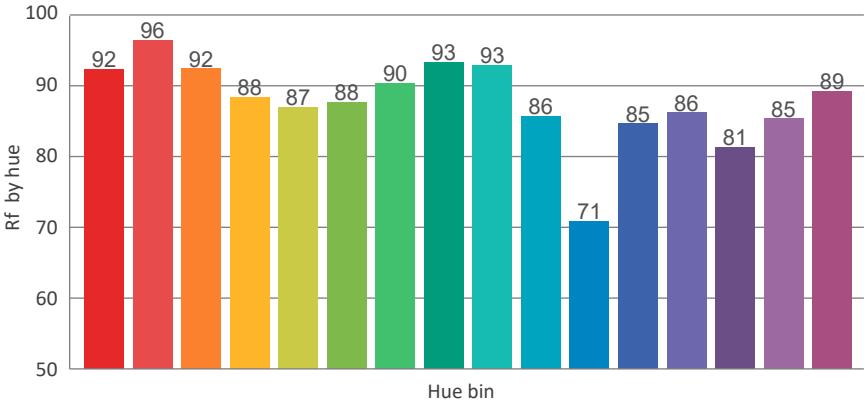
Rf 88,2

Fidelity Index Rf

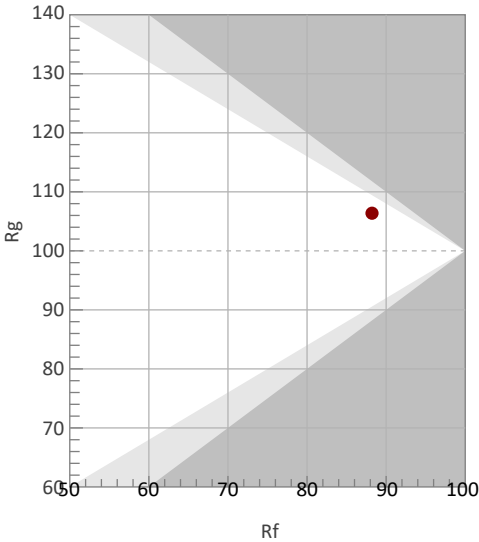
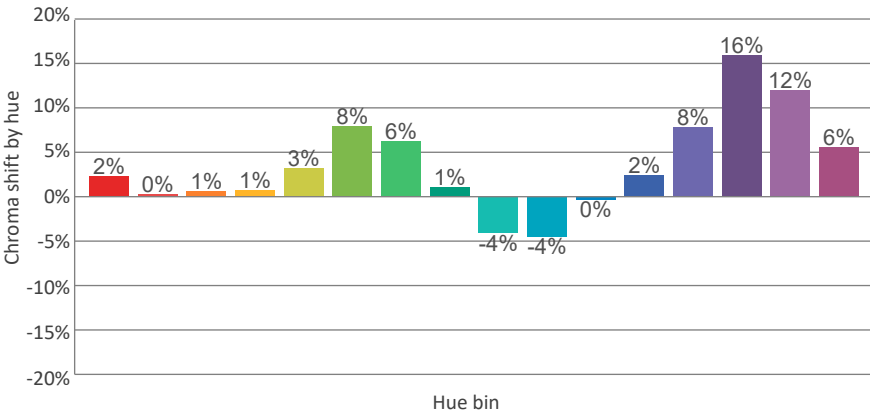
Rg 106,4

Gamut Index Rg

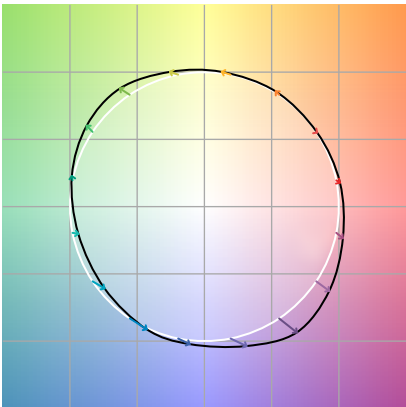
		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%



TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

