

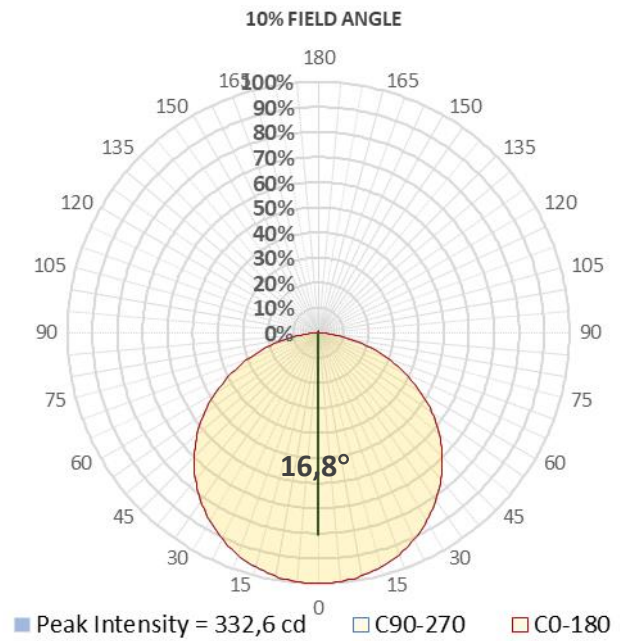
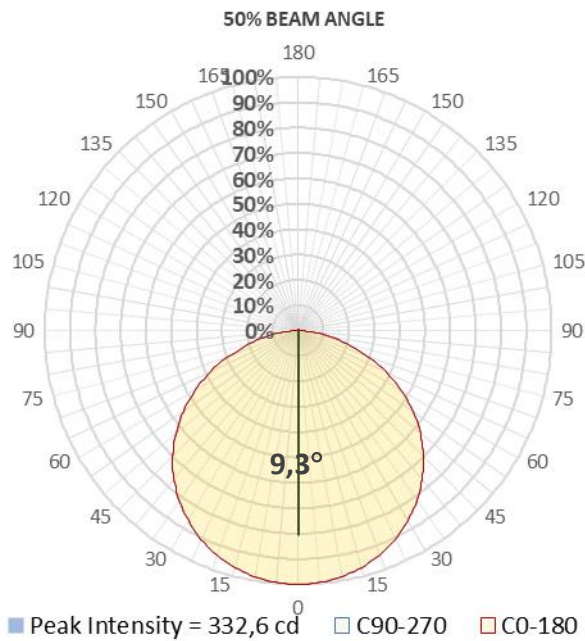
Report Summary



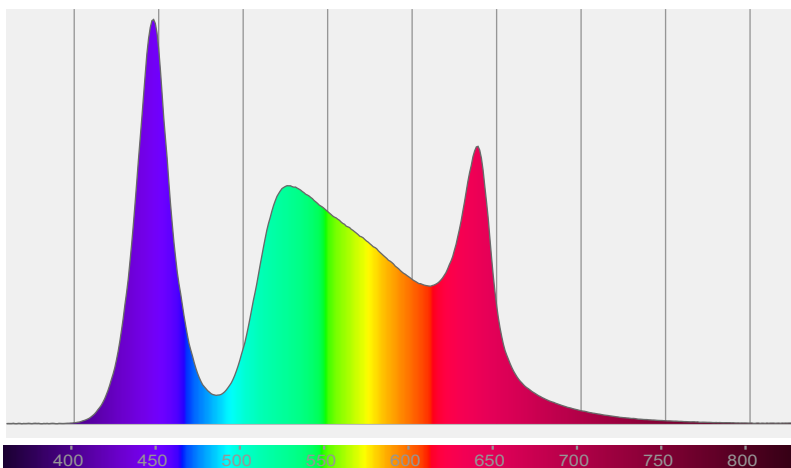
Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 13433 lm / 362468 cd	Beam Angle (50%): 9,3°	AC Supply: 227 V / 50 Hz
Fixture Efficiency: 45 lm/W	Field Angle (10%): 16,8°	Power: 295,3 W
Intensity @ 5m: 14499 lx	Cutoff Angle (2,5%): 24,9°	Current: 1,37 A
Color Temperature: 5709 K		Power Factor: 0,95
CRI: 80,4		
CRI R9 Value: 86,4		
CQS: 81,9		
TLCI: 74		
TM-30 Rf: 79,0		
TM-30 Rg: 105,6		

Details



Spectral Distribution



CIE 1931

x: 0,328 y: 0,341

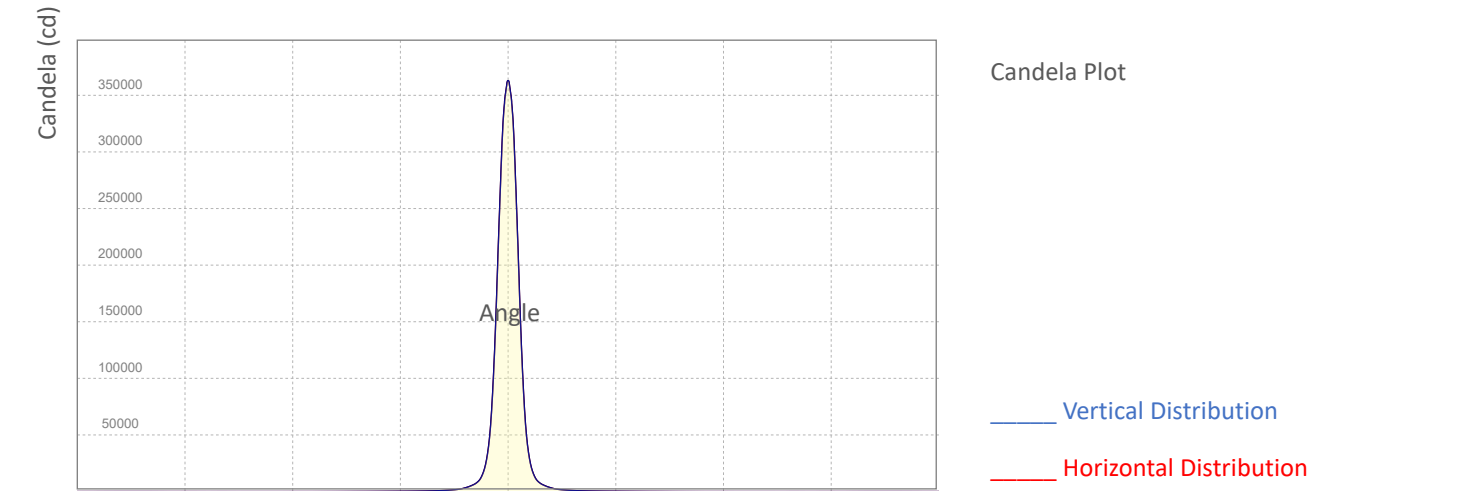
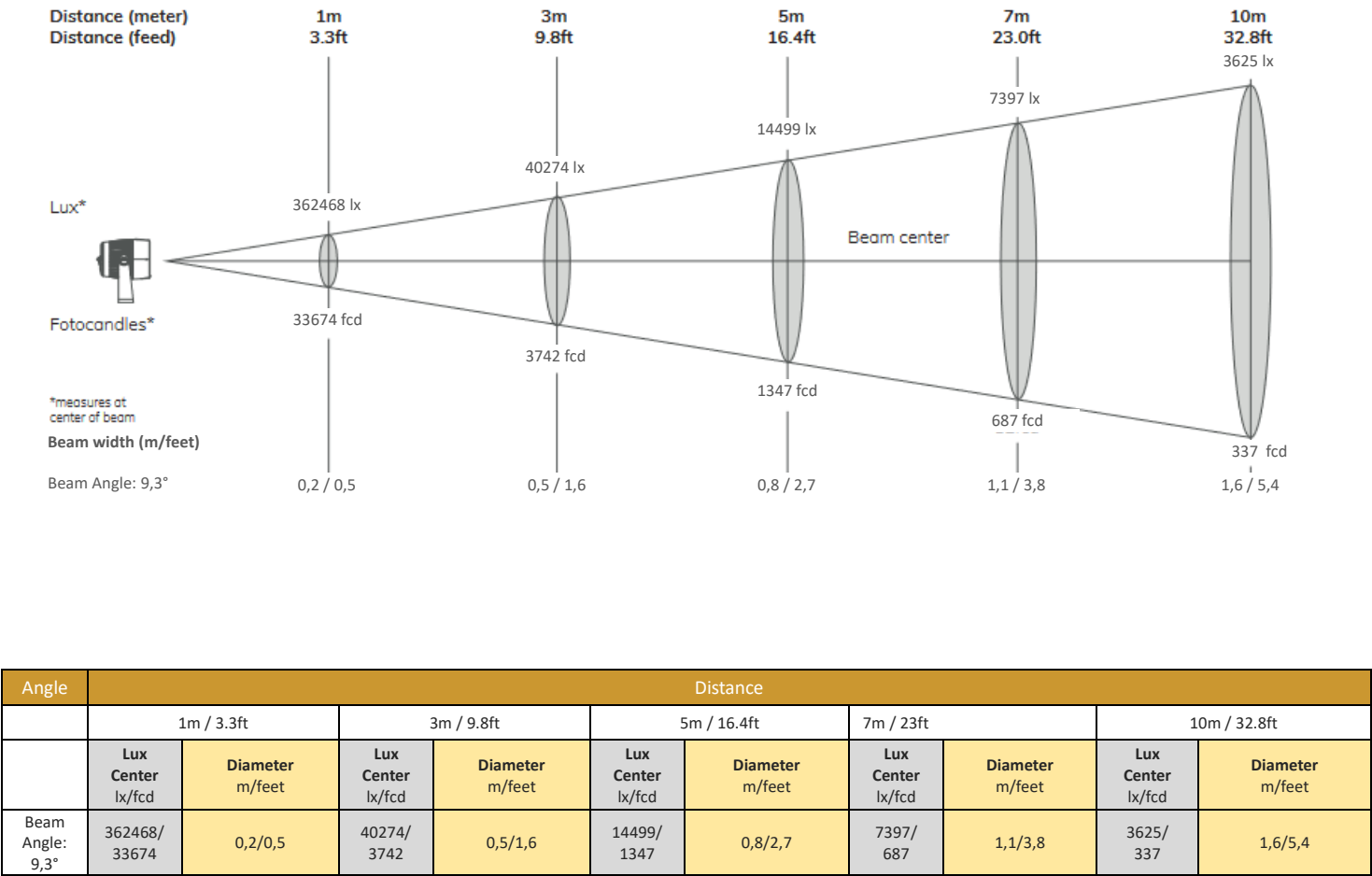
Light Quality

CRI: 80,4

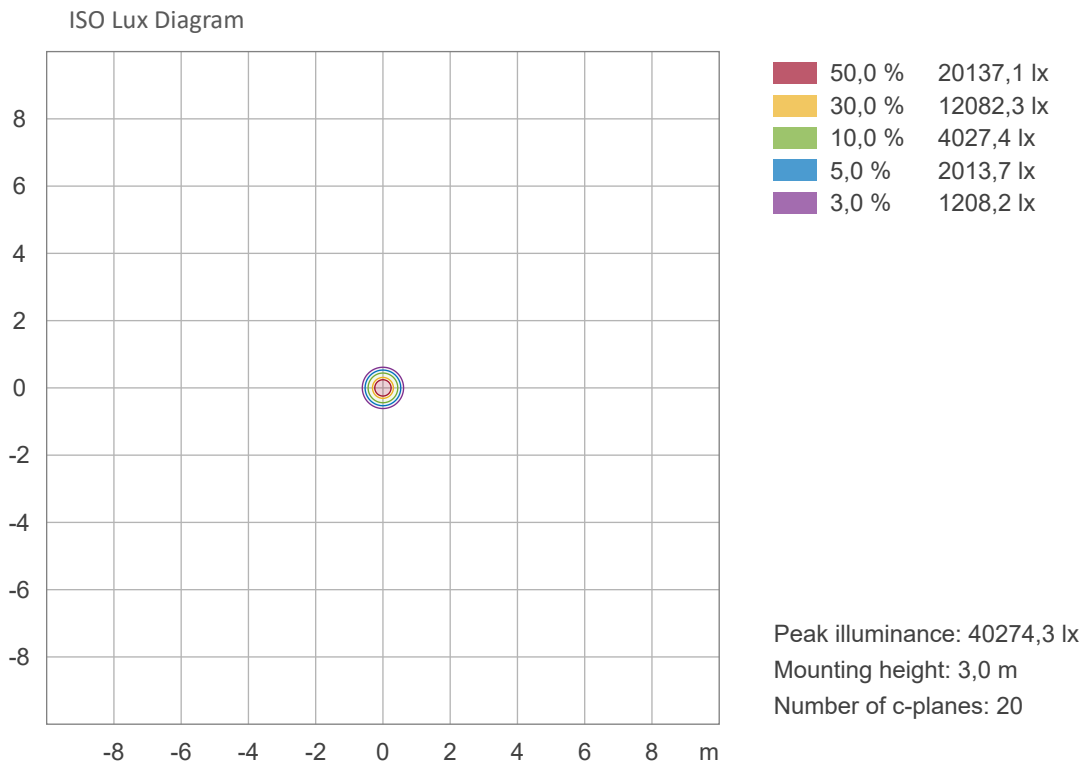
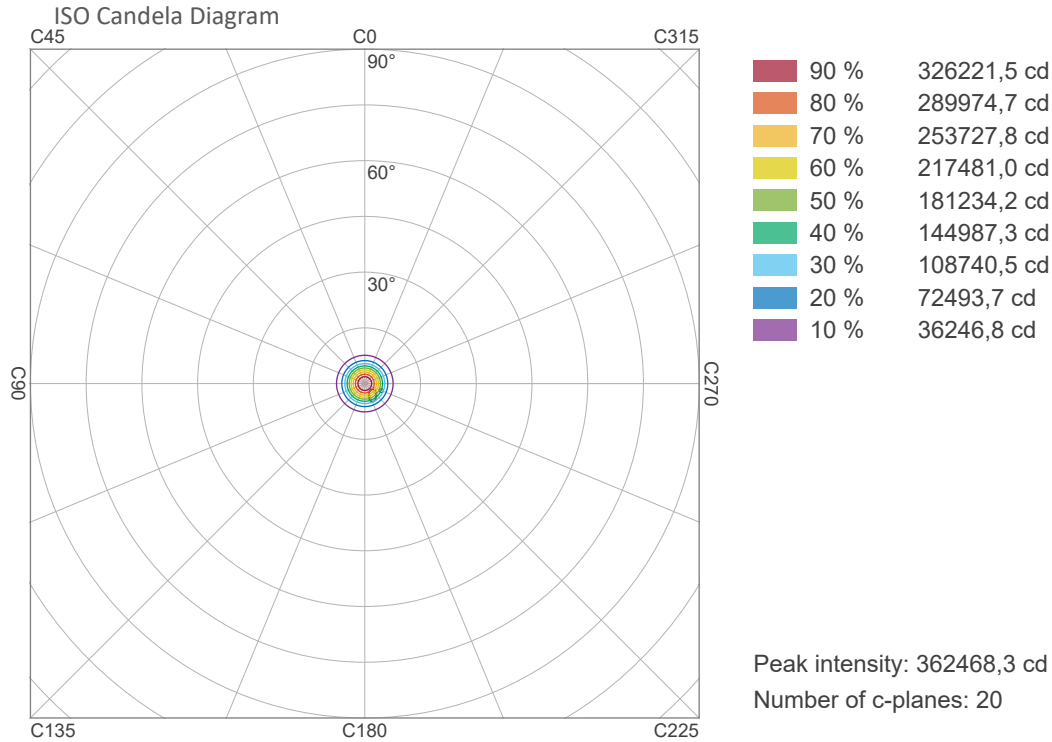
Color Temperature

5709 K

Neo mini
LM79, 5600K, high CRI

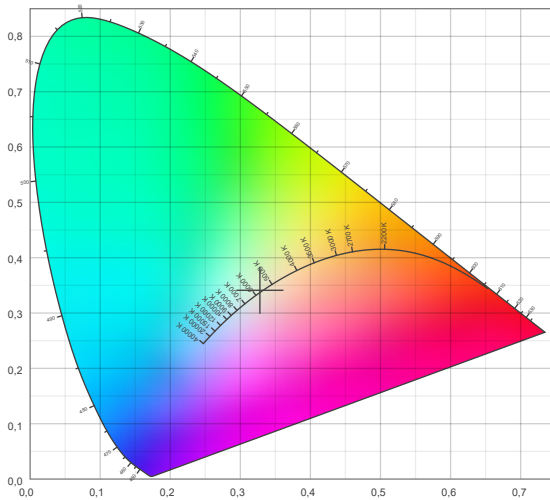


ISO Diagrams

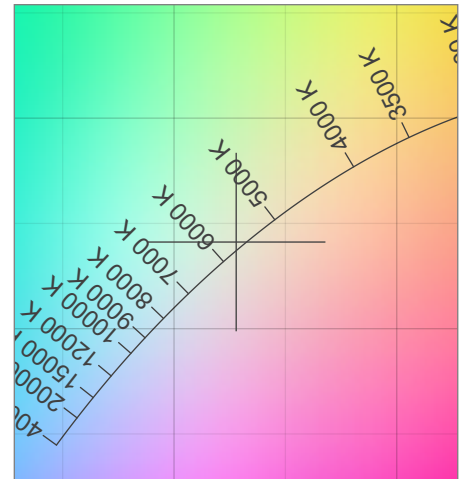


Chromaticity

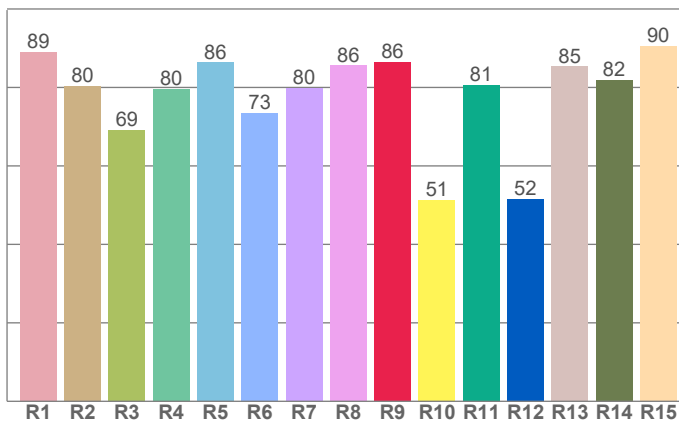
CIE 1931



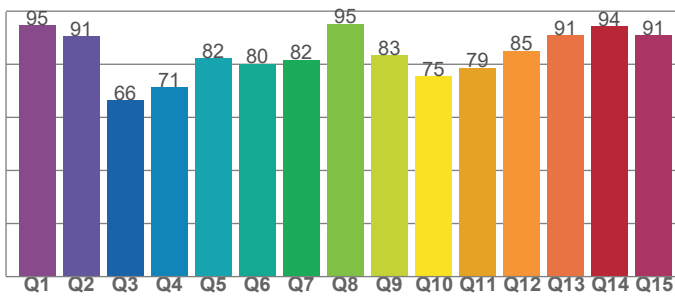
CIE 1931 - Zoom



CRI: 80,4 (R1-R8)



CQS: 81,9



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5709K	0,328	0,341

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
Δuv	u	v
0,0012	0,204	0,318

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
80,4	86,4	81,9

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
74	79,0	105,6

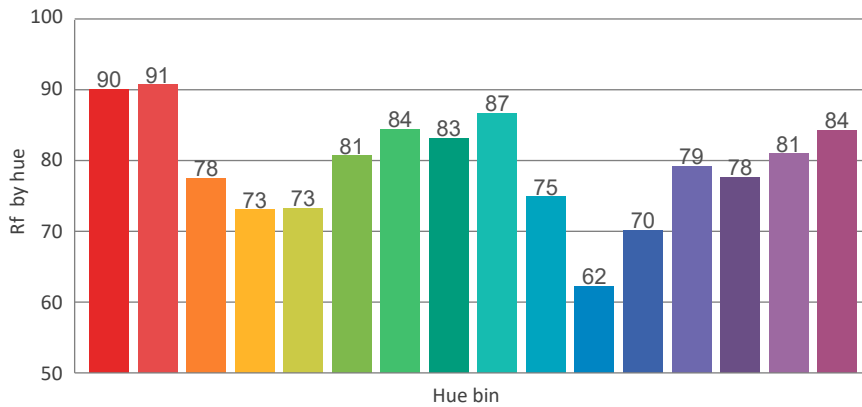
TM30 Details

Rf 79,0

Fidelity Index Rf

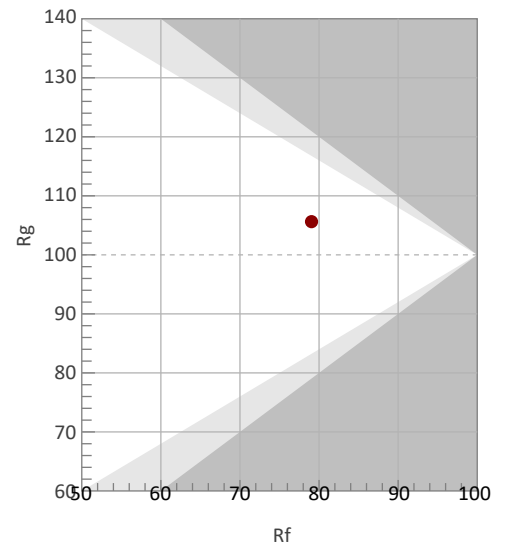
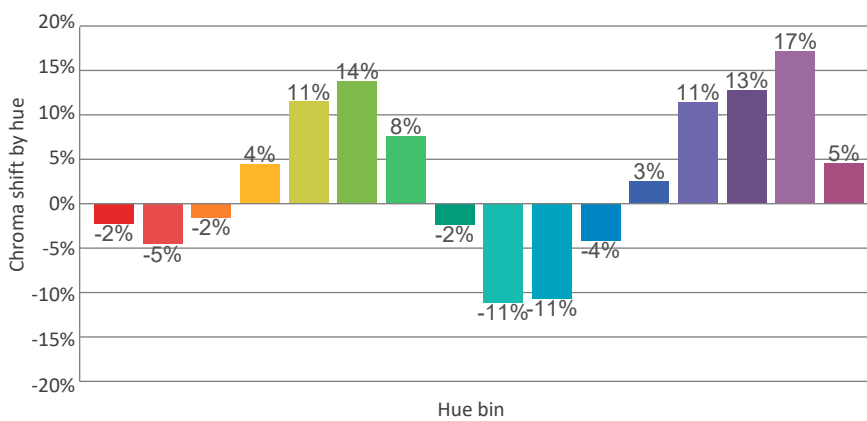
Rg 105,6

Gamut Index Rg

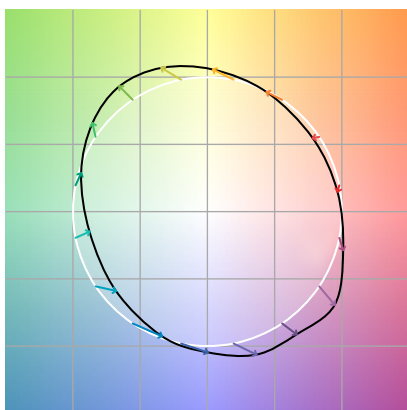


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

