

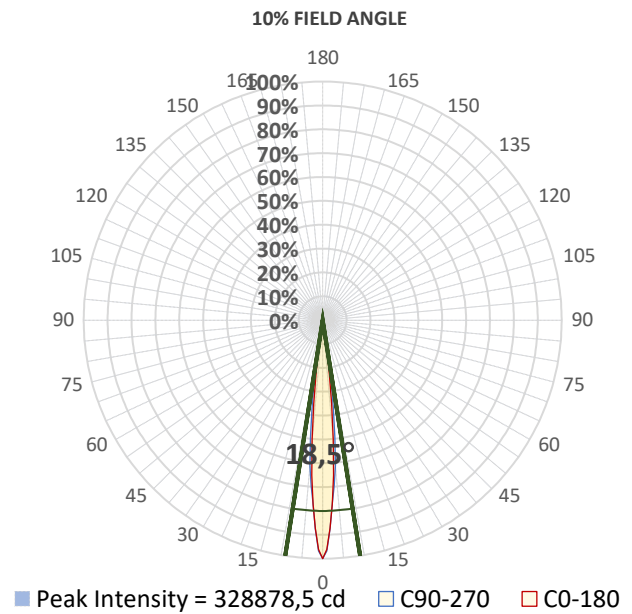
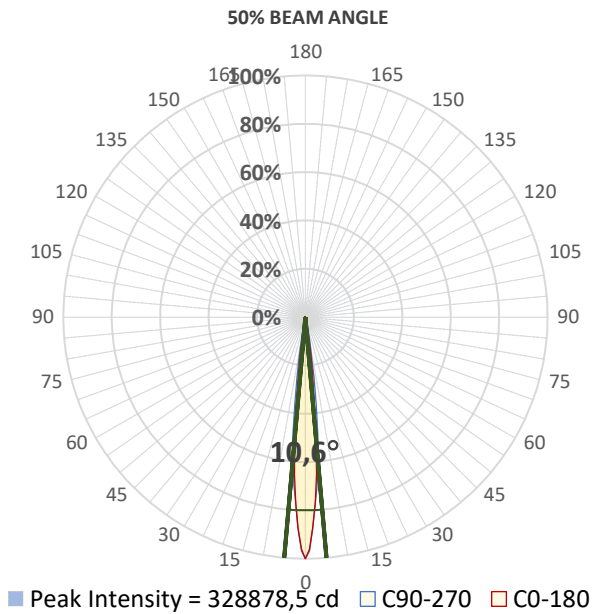
Report Summary



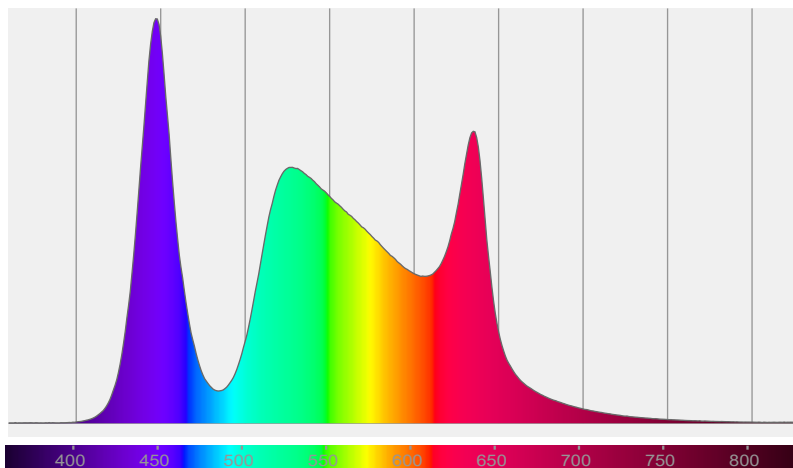
Measurements

| Photometrical Parameter | Optical Parameters | Electrical Parameters |
|--------------------------------------|----------------------------|----------------------------|
| Fixture Output: 14347 lm / 333508 cd | Beam Angle (50%): 10,6° | AC Supply: 225 V / 50,1 Hz |
| Fixture Efficiency: 55 lm/W | Field Angle (10%): 18,5° | Power: 261,4 W |
| Intensity @ 5m: 13155 lx | Cutoff Angle (2,5%): 26,8° | Current: 1,26 A |
| Color Temperature: 5629 K | | Power Factor: 0,92 |
| CRI: 81,2 | | |
| CRI R9 Value: 81,6 | | |
| CQS: 83,0 | | |
| TLCI: 76 | | |
| TM-30 Rf: 80,4 | | |
| TM-30 Rg: 104,7 | | |

Details



Spectral Distribution



CIE 1931

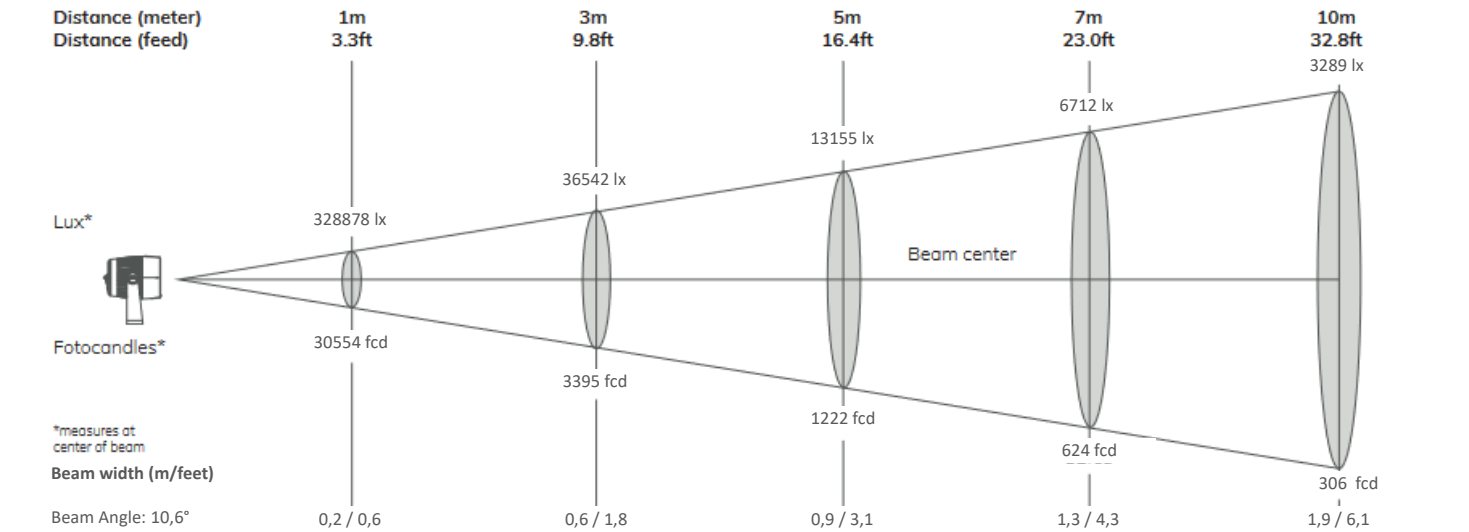
x: 0,330 y: 0,347

Light Quality

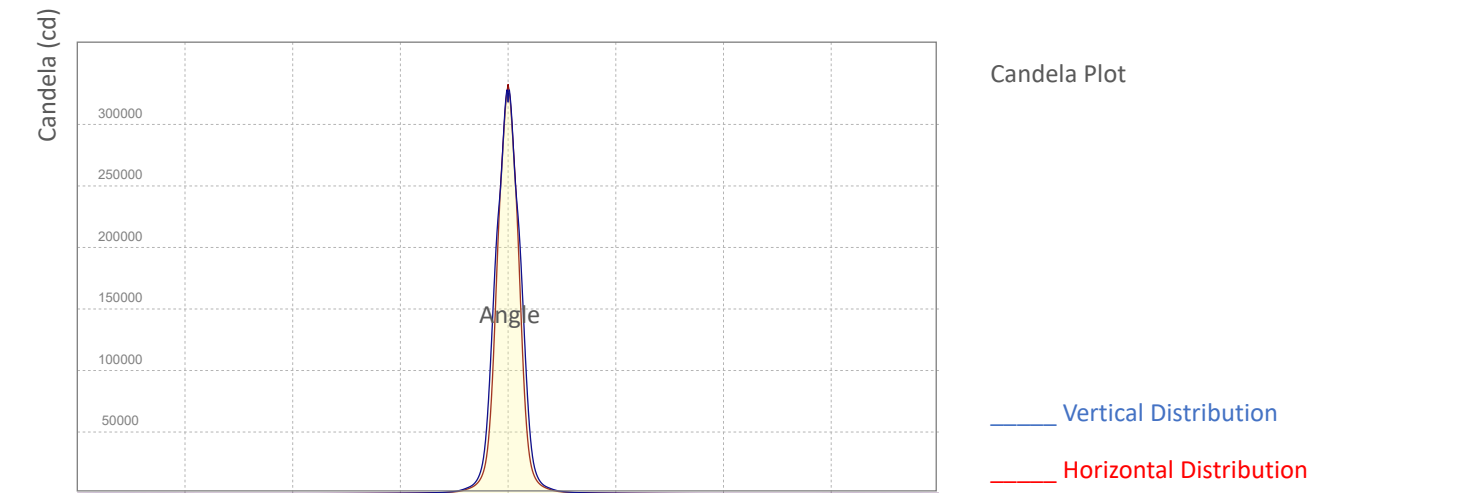
CRI: 81,2

Color Temperature

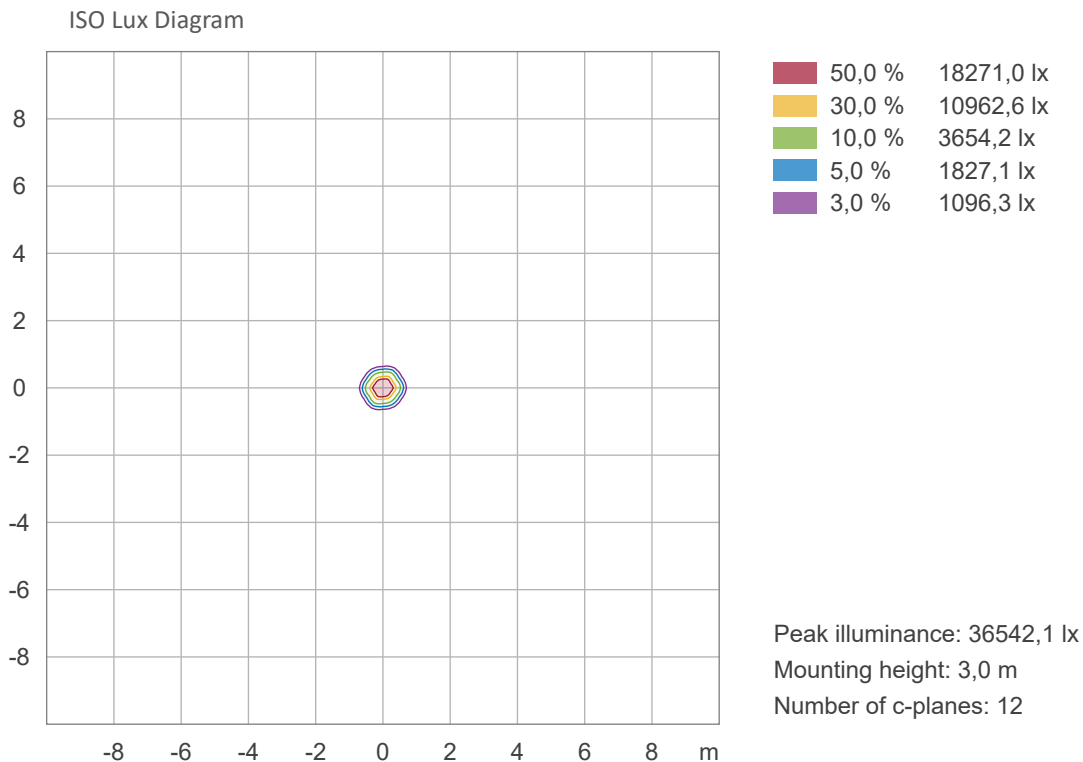
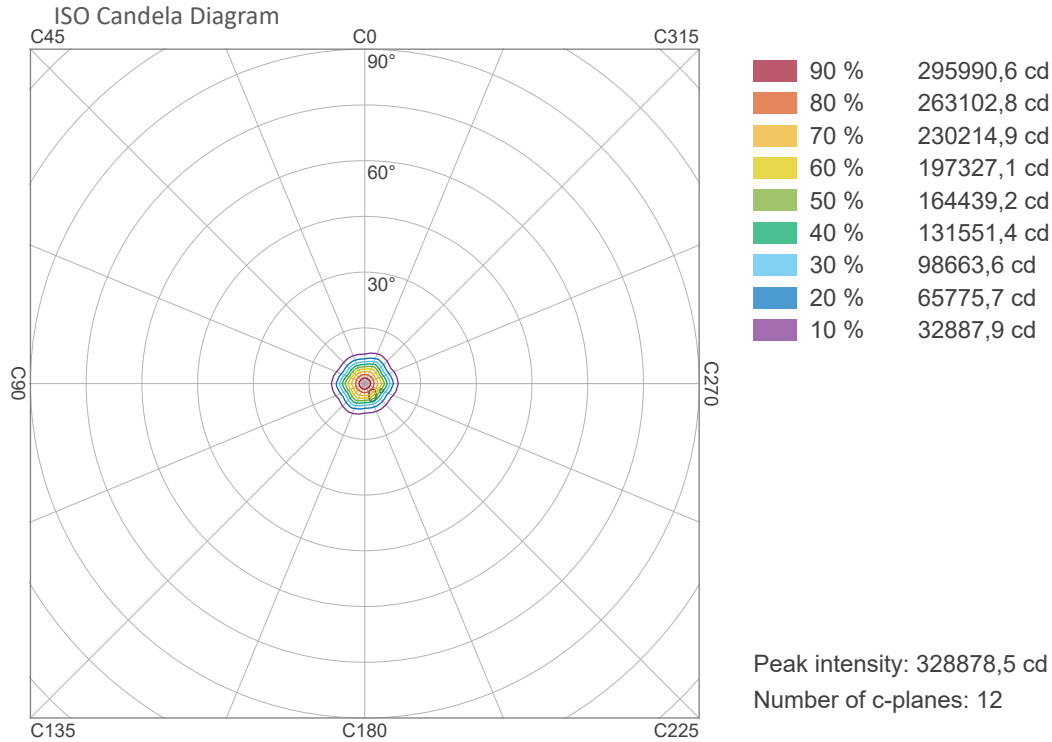
5629 K



| 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: 10,6° | 328878/ 30554 | 0,2/0,6 | 36542/ 3395 | 0,6/1,8 | 13155/ 1222 | 0,9/3,1 | 6712/ 624 | 1,3/4,3 | 3289/ 306 | 1,9/6,1 |

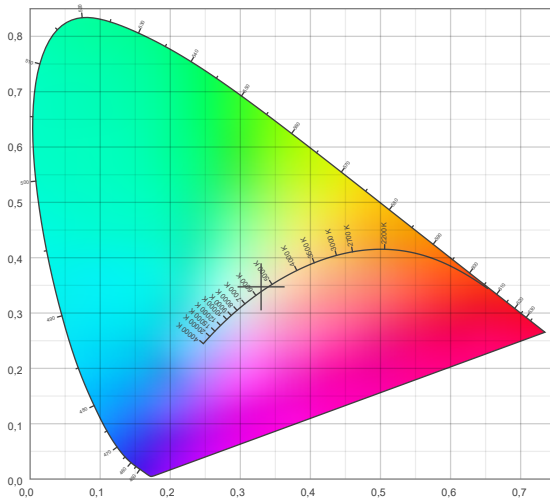


ISO Diagrams

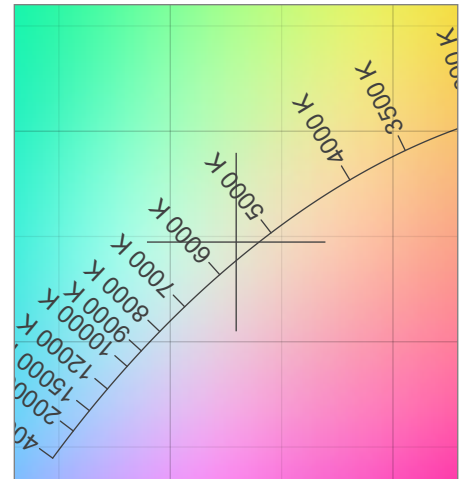


Chromaticity

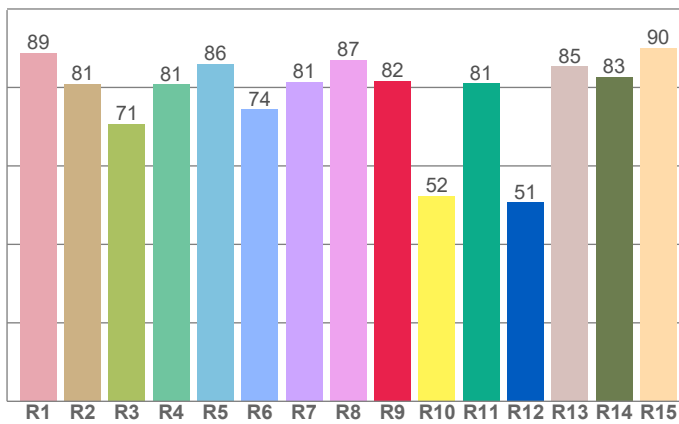
CIE 1931



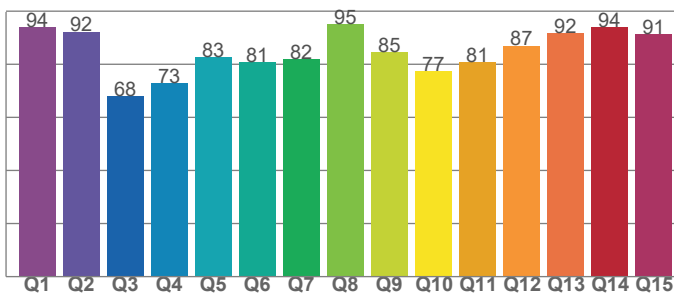
CIE 1931 - Zoom



CRI: 81,2 (R1-R8)



CQS: 83,0



| Color Temperature | Color Coordinate CIE 1931 | Color Coordinate CIE 1931 |
|-------------------|---------------------------|---------------------------|
| CCT | x | y |
| 5629K | 0,330 | 0,347 |

| Color Deviation Black Body Curve | Color Coordinate CIE 1964 | Color Coordinate CIE 1964 |
|----------------------------------|---------------------------|---------------------------|
| Δuv | u | v |
| 0,0045 | 0,203 | 0,320 |

| Color Rendering Index | Red Component | Color Quality Scale |
|-----------------------|---------------|---------------------|
| CRI | CRI – R9 | CQS |
| 81,2 | 81,6 | 83,0 |

| Television Lighting Consistency Index | Color Fidelity | Color Gamut |
|---------------------------------------|----------------|-------------|
| TLCI | TM30 – Rf | TM30 - Rg |
| 76 | 80,4 | 104,7 |

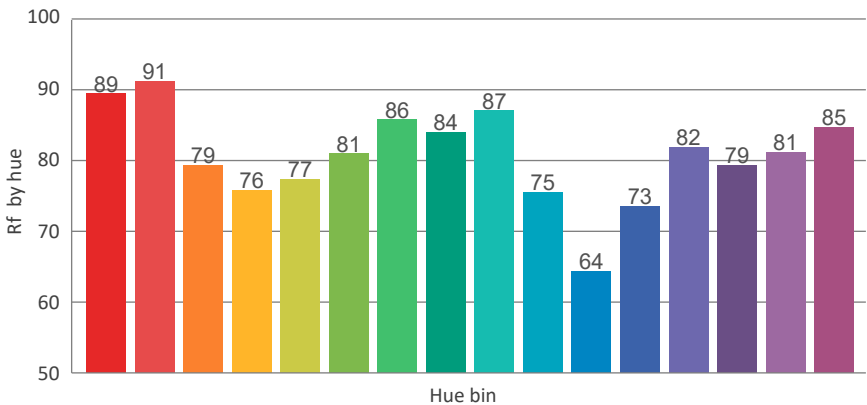
TM30 Details

Rf 80,4

Fidelity Index Rf

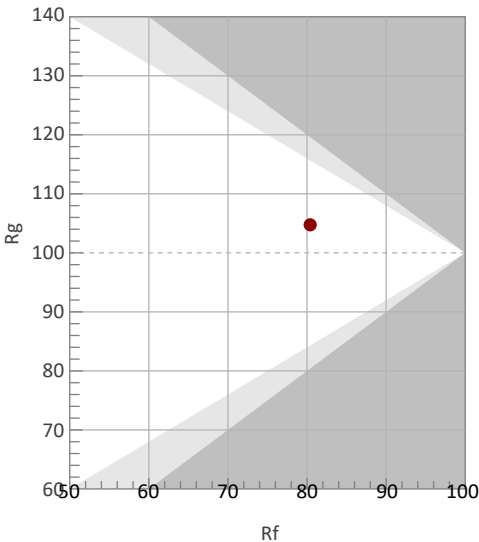
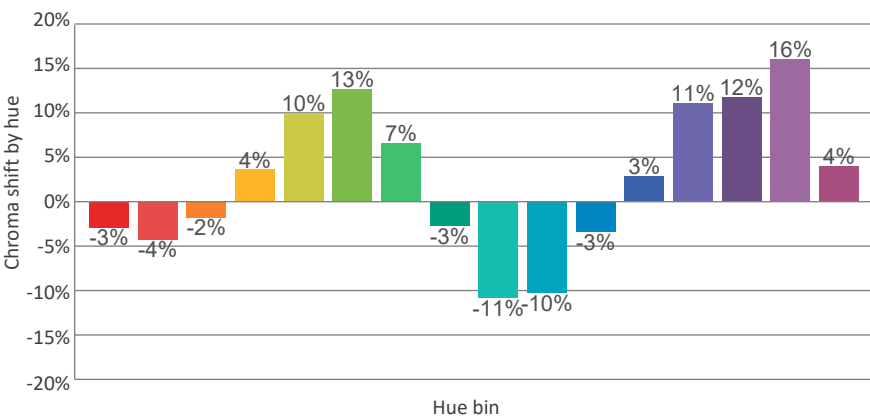
Rg 104,7

Gamut Index Rg

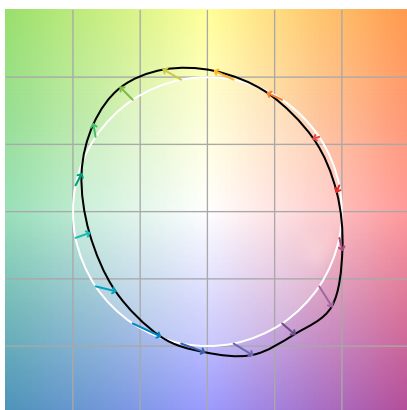


| | | Shifts (%) | |
|---------|----|------------|-----|
| Hue Bin | Rf | Chroma | Hue |
| 1 | | % | % |
| 2 | | % | % |
| 3 | | % | % |
| 4 | | % | % |
| 5 | | % | % |
| 6 | | % | % |
| 7 | | % | % |
| 8 | | % | % |
| 9 | | % | % |
| 10 | | % | % |
| 11 | | % | % |
| 12 | | % | % |
| 13 | | % | % |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

TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

