

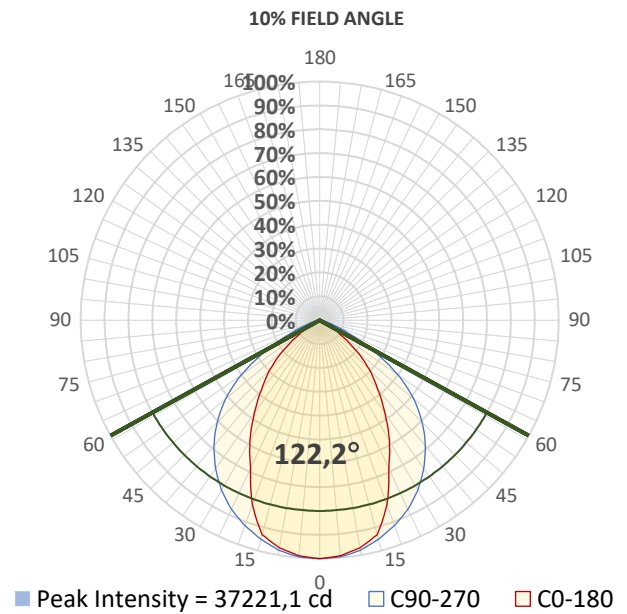
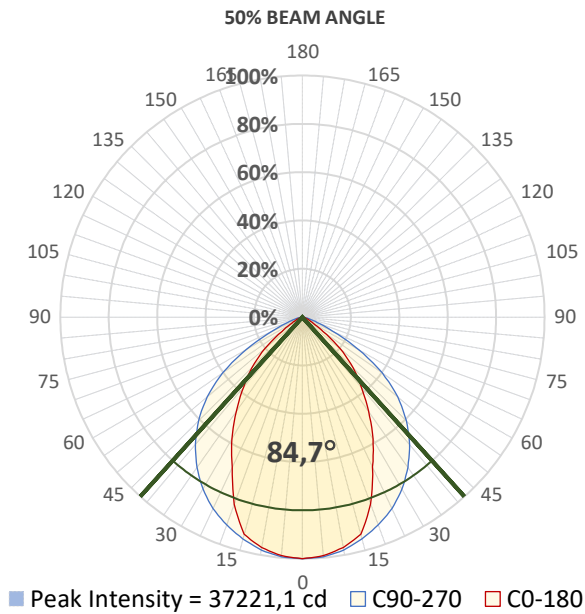
Report Summary



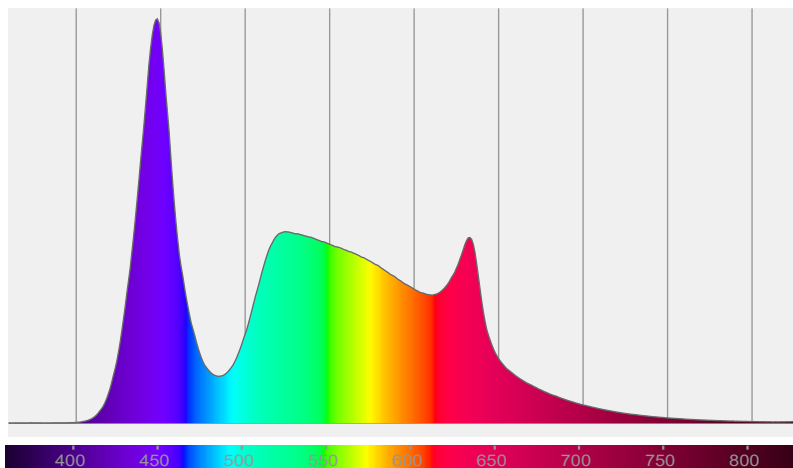
Measurements

| Photometrical Parameter | Optical Parameters | Electrical Parameters |
|-------------------------------------|-----------------------------|--------------------------|
| Fixture Output: 66720 lm / 37245 cd | Beam Angle (50%): 84,7° | AC Supply: 223 V / 50 Hz |
| Fixture Efficiency: 64 lm/W | Field Angle (10%): 122,2° | Power: 1039,5 W |
| Intensity @ 5m: 1489 lx | Cutoff Angle (2,5%): 142,9° | Current: 4,67 A |
| Color Temperature: 6773 K | | Power Factor: 1,0 |
| CRI: 83,4 | | |
| CRI R9 Value: 66,1 | | |
| CQS: 81,9 | | |
| TLCI: 78 | | |
| TM-30 Rf: 80,6 | | |
| TM-30 Rg: 103,6 | | |

Details



Spectral Distribution



CIE 1931

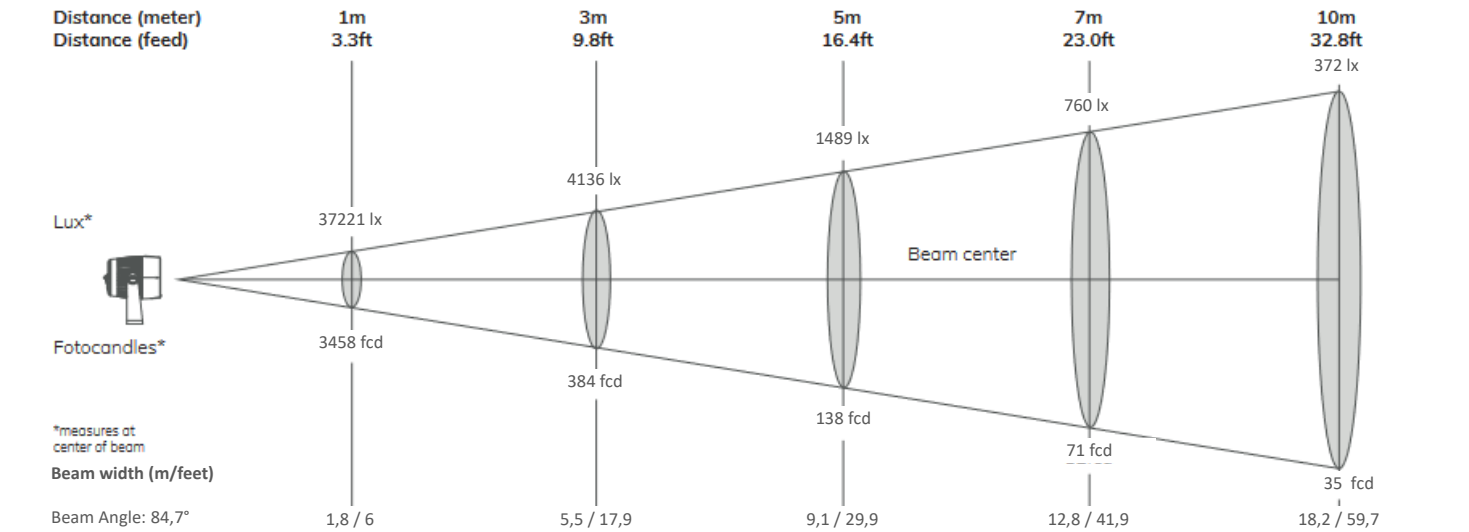
x: 0,310 y: 0,316

Light Quality

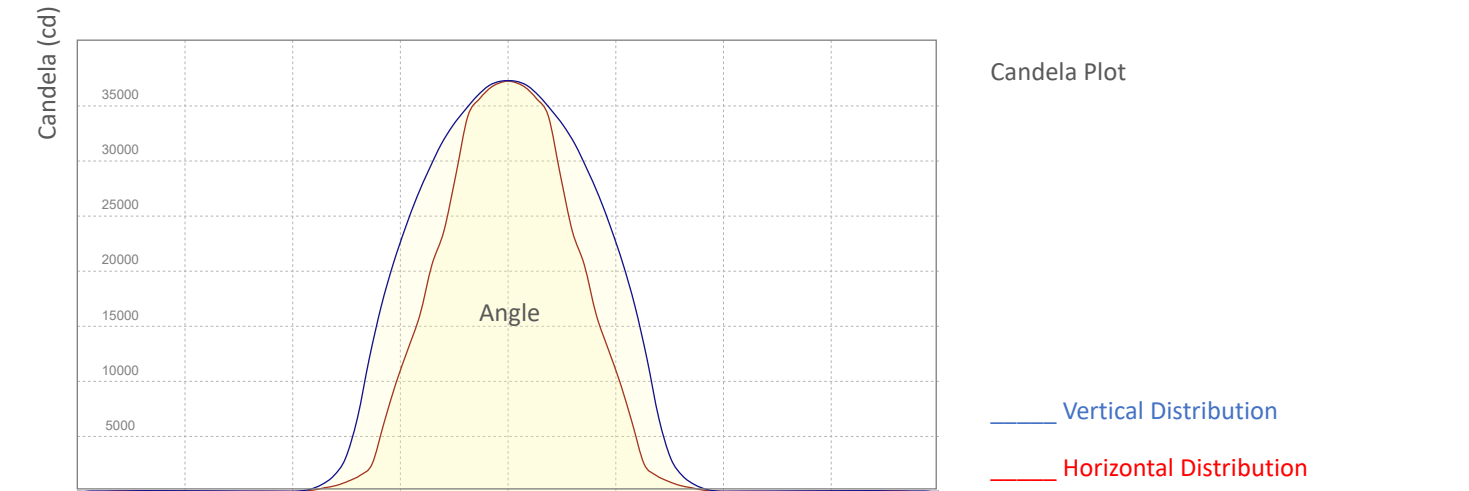
CRI: 83,4

Color Temperature

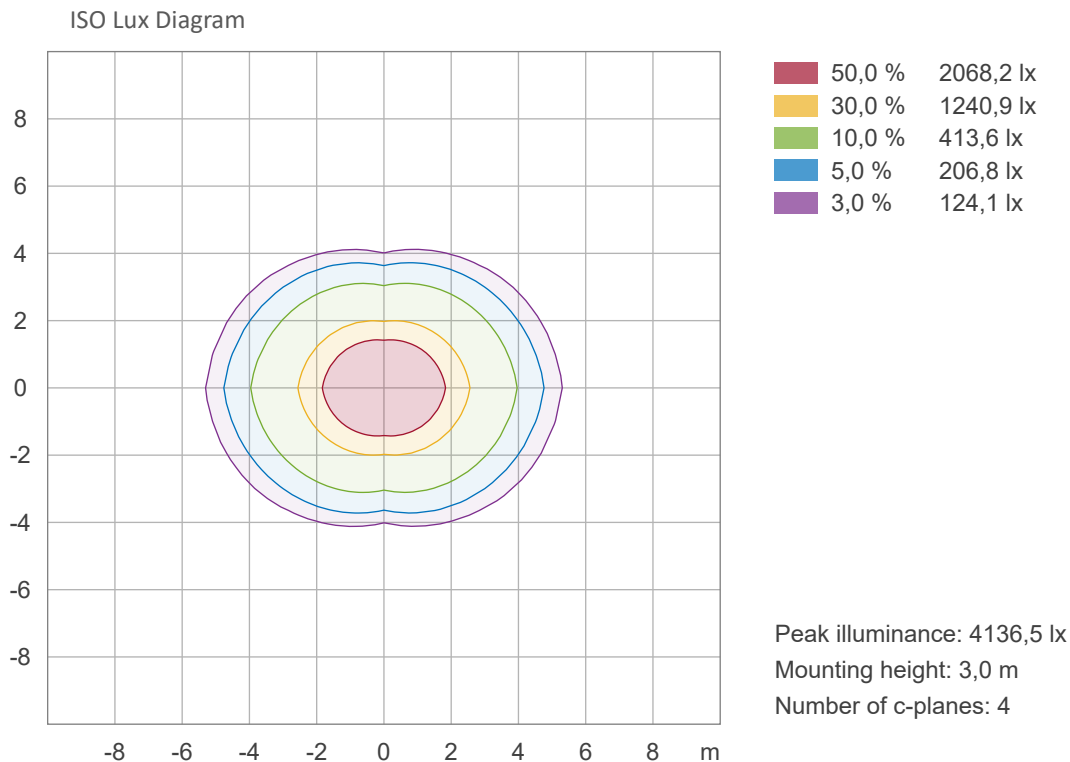
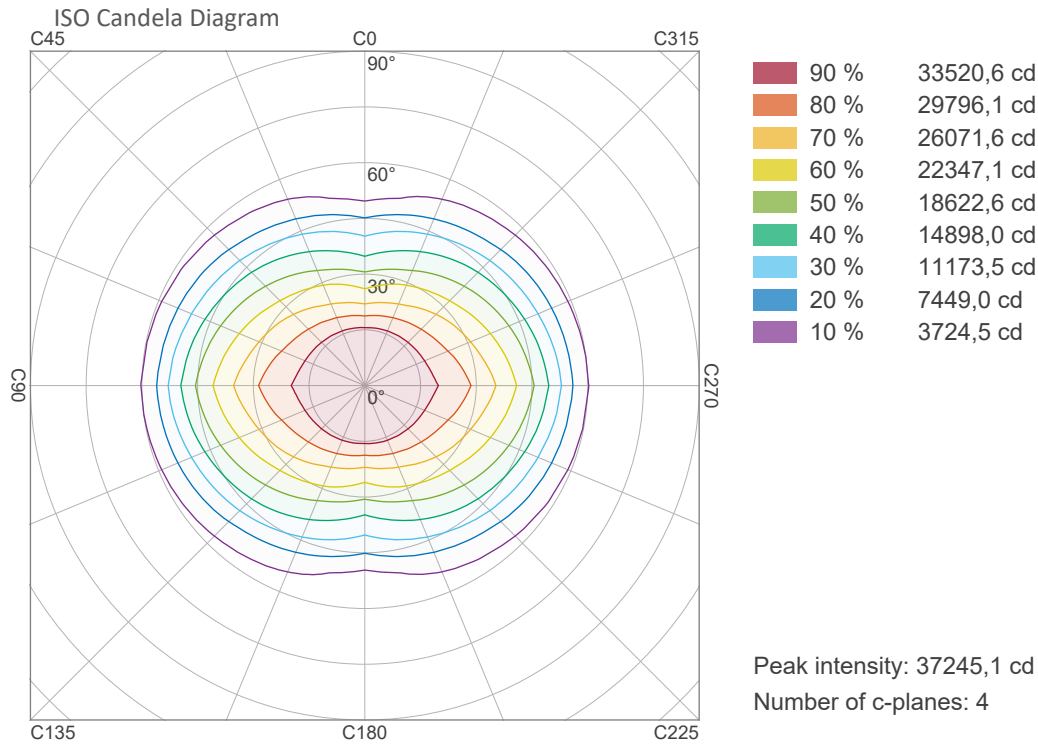
6773 K



| 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: 84,7° | 37221/ 3458 | 1,8/6 | 4136/ 384 | 5,5/17,9 | 1489/ 138 | 9,1/29,9 | 760/ 71 | 12,8/41,9 | 372/ 35 | 18,2/59,7 |

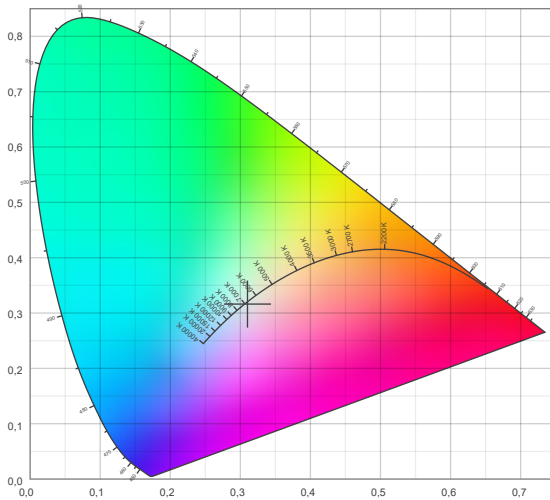


ISO Diagrams

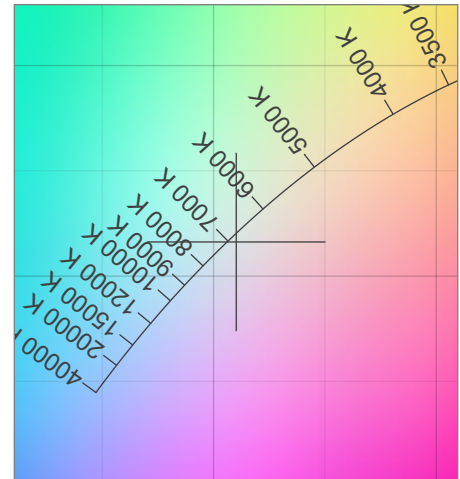


Chromaticity

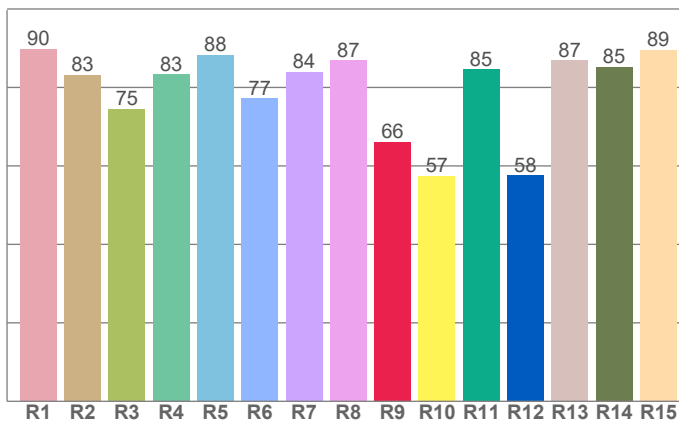
CIE 1931



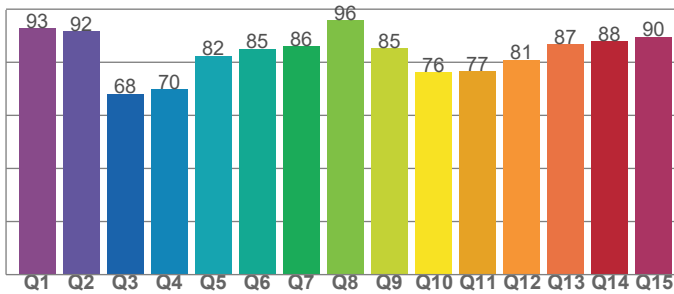
CIE 1931 - Zoom



CRI: 83,4 (R1-R8)



CQS: 81,9



| Color Temperature | Color Coordinate CIE 1931 | Color Coordinate CIE 1931 |
|-------------------|---------------------------|---------------------------|
| CCT | x | y |
| 6773K | 0,310 | 0,316 |

| Color Deviation Black Body Curve | Color Coordinate CIE 1964 | Color Coordinate CIE 1964 |
|----------------------------------|---------------------------|---------------------------|
| Δuv | u | v |
| -0,0022 | 0,201 | 0,307 |

| Color Rendering Index | Red Component | Color Quality Scale |
|-----------------------|---------------|---------------------|
| CRI | CRI – R9 | CQS |
| 83,4 | 66,1 | 81,9 |

| Television Lighting Consistency Index | Color Fidelity | Color Gamut |
|---------------------------------------|----------------|-------------|
| TLCI | TM30 – Rf | TM30 - Rg |
| 78 | 80,6 | 103,6 |

TM30 Details

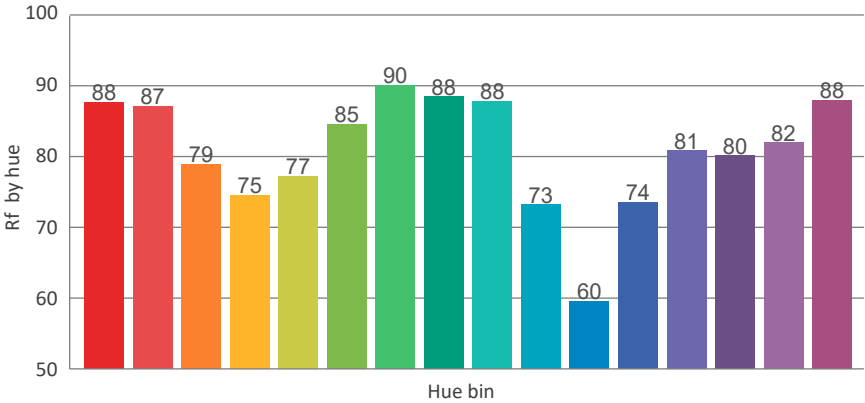
Rf 80,6

Fidelity Index Rf

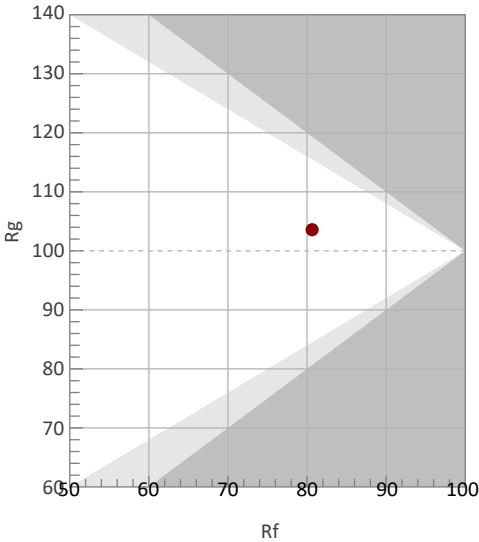
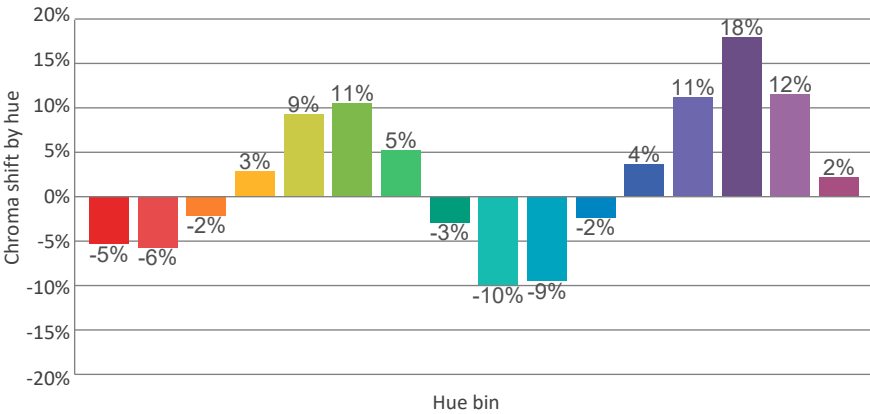
Rg 103,6

Gamut Index Rg

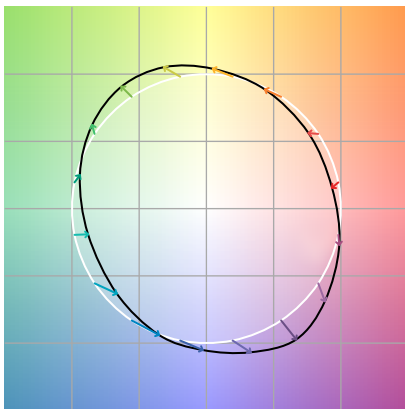
| | | Shifts (%) | |
|---------|----|------------|-----|
| Hue Bin | Rf | Chroma | Hue |
| 1 | | % | % |
| 2 | | % | % |
| 3 | | % | % |
| 4 | | % | % |
| 5 | | % | % |
| 6 | | % | % |
| 7 | | % | % |
| 8 | | % | % |
| 9 | | % | % |
| 10 | | % | % |
| 11 | | % | % |
| 12 | | % | % |
| 13 | | % | % |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



TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

