

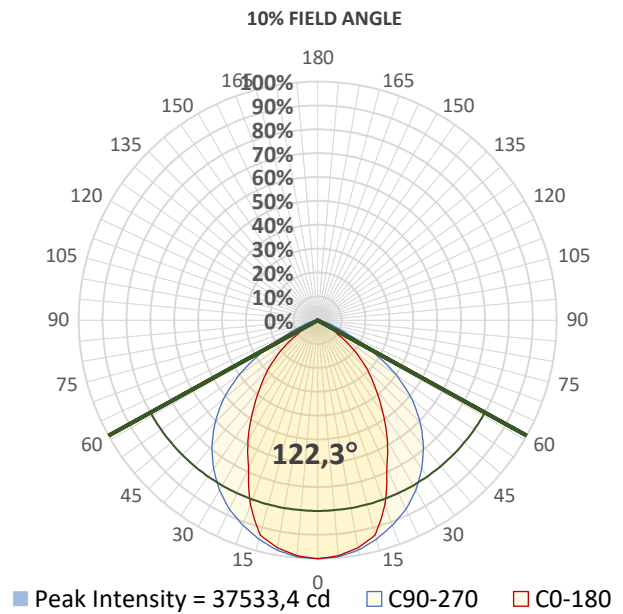
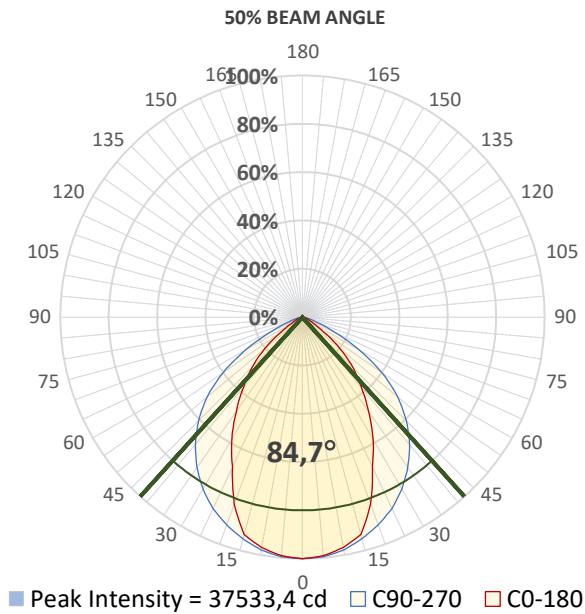
Report Summary



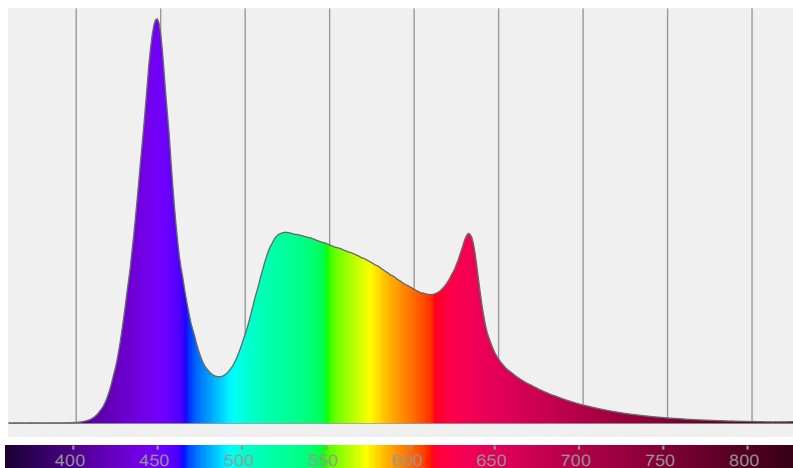
Measurements

| Photometrical Parameter | Optical Parameters | Electrical Parameters |
|-------------------------------------|-----------------------------|--------------------------|
| Fixture Output: 67417 lm / 37545 cd | Beam Angle (50%): 84,7° | AC Supply: 223 V / 50 Hz |
| Fixture Efficiency: 64 lm/W | Field Angle (10%): 122,3° | Power: 1049,8 W |
| Intensity @ 5m: 1501 lx | Cutoff Angle (2,5%): 143,1° | Current: 4,72 A |
| Color Temperature: 6735 K | | Power Factor: 1,0 |
| CRI: 83,6 | | |
| CRI R9 Value: 68,3 | | |
| CQS: 82,0 | | |
| TLCI: 78 | | |
| TM-30 Rf: 80,7 | | |
| TM-30 Rg: 103,8 | | |

Details



Spectral Distribution



CIE 1931

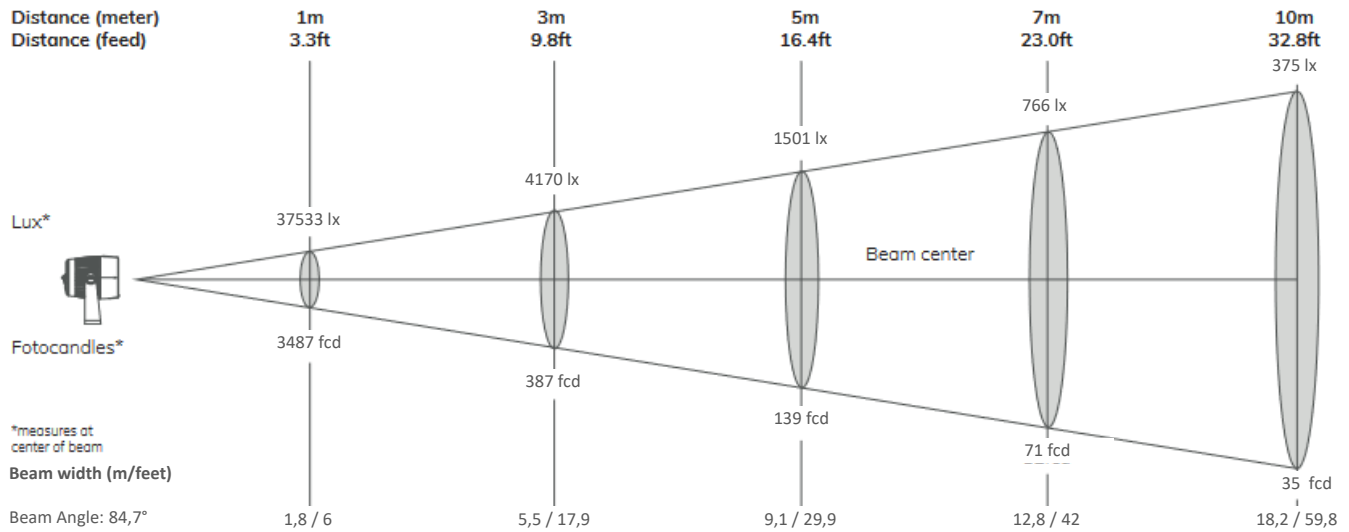
x: 0,311 y: 0,316

Light Quality

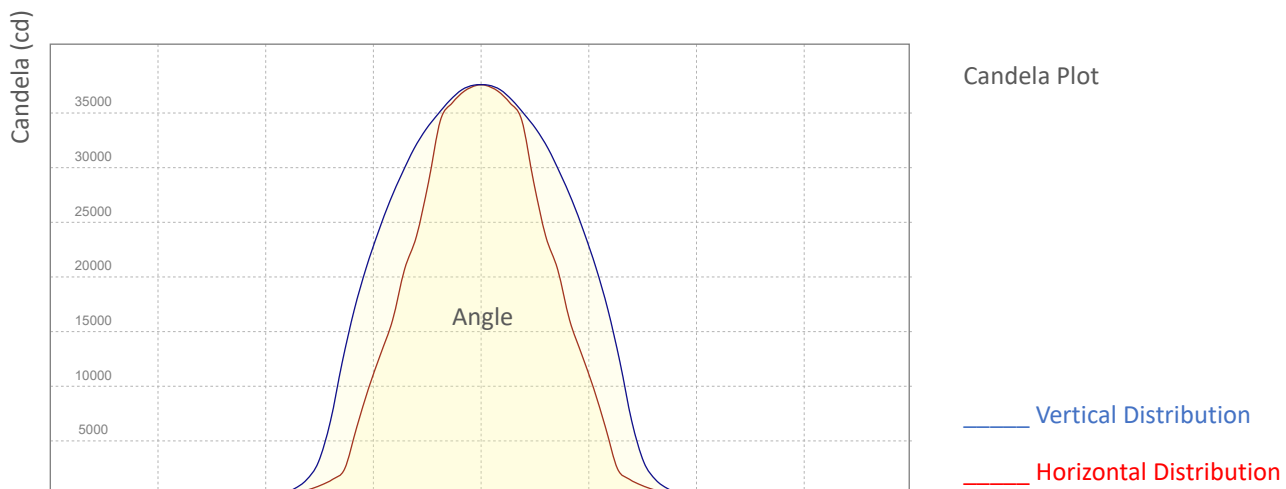
CRI: 83,6

Color Temperature

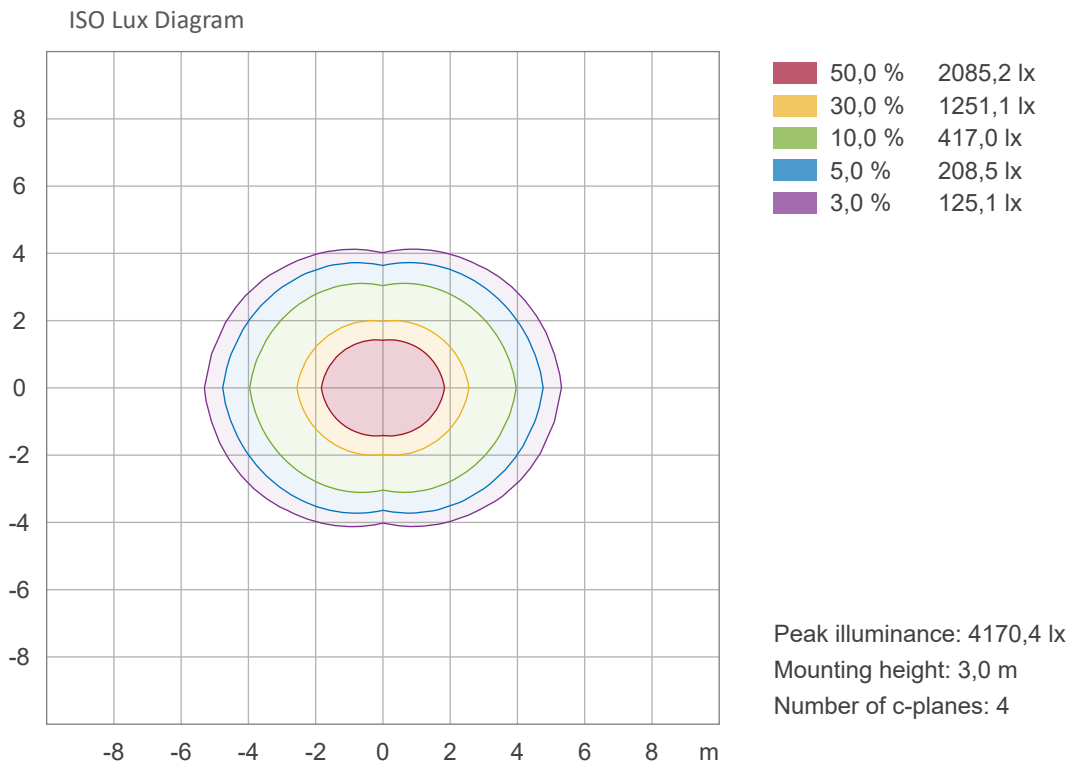
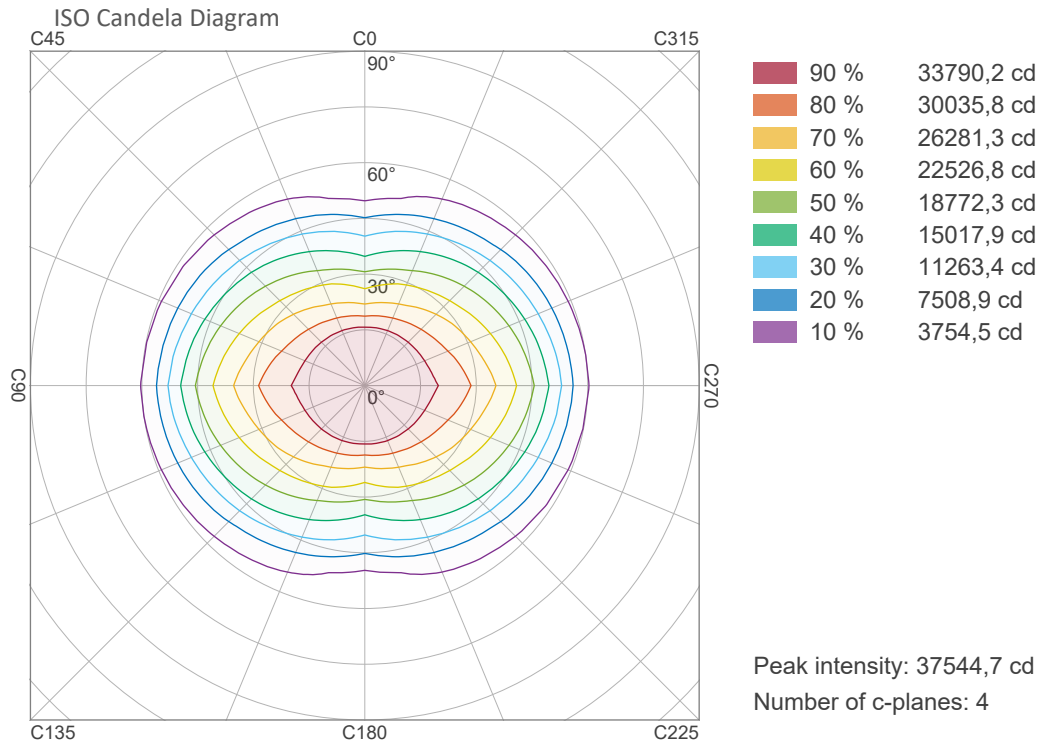
6735 K



| 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° | 37533/ 3487 | 1,8/6 | 4170/ 387 | 5,5/17,9 | 1501/ 139 | 9,1/29,9 | 766/ 71 | 12,8/42 | 375/ 35 | 18,2/59,8 |

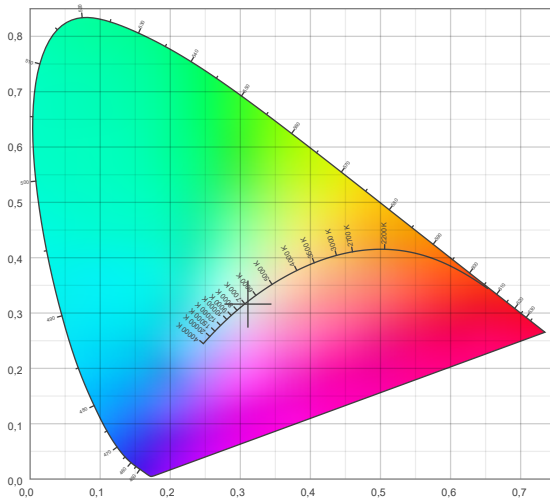


ISO Diagrams

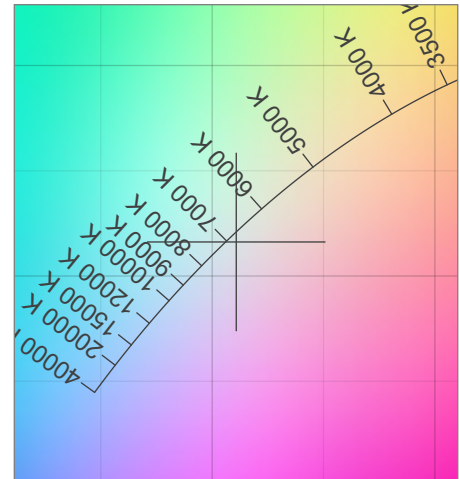


Chromaticity

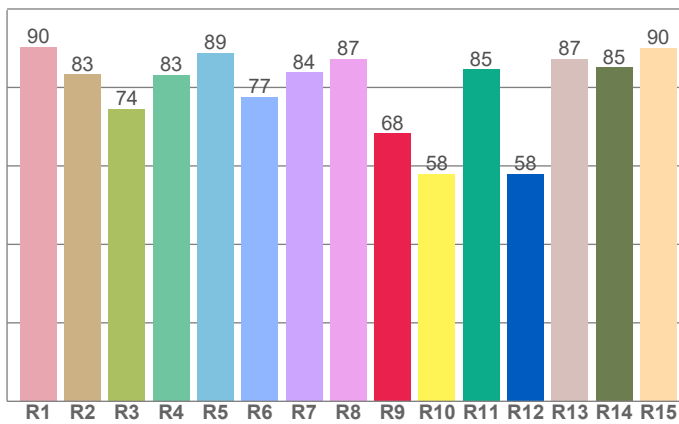
CIE 1931



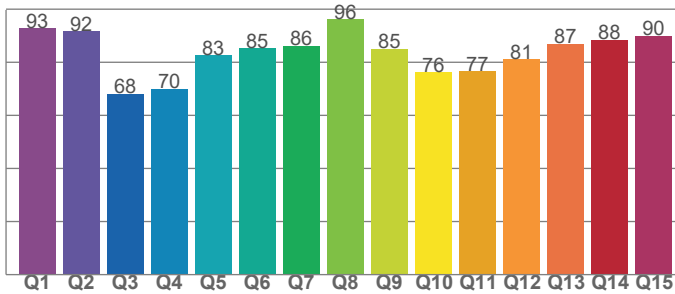
CIE 1931 - Zoom



CRI: 83,6 (R1-R8)



CQS: 82,0



| Color Temperature | Color Coordinate CIE 1931 | Color Coordinate CIE 1931 |
|-------------------|---------------------------|---------------------------|
| CCT | x | y |
| 6735K | 0,311 | 0,316 |

| Color Deviation Black Body Curve | Color Coordinate CIE 1964 | Color Coordinate CIE 1964 |
|----------------------------------|---------------------------|---------------------------|
| Δuv | u | v |
| -0,0025 | 0,201 | 0,307 |

| Color Rendering Index | Red Component | Color Quality Scale |
|-----------------------|---------------|---------------------|
| CRI | CRI – R9 | CQS |
| 83,6 | 68,3 | 82,0 |

| Television Lighting Consistency Index | Color Fidelity | Color Gamut |
|---------------------------------------|----------------|-------------|
| TLCI | TM30 – Rf | TM30 - Rg |
| 78 | 80,7 | 103,8 |

TM30 Details

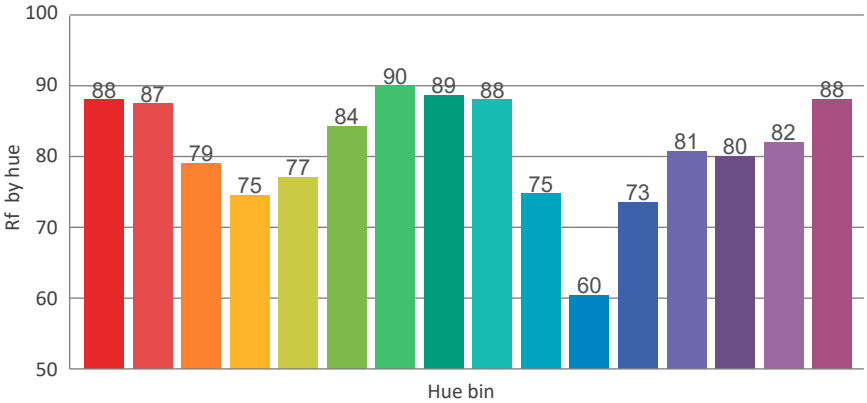
Rf 80,7

Fidelity Index Rf

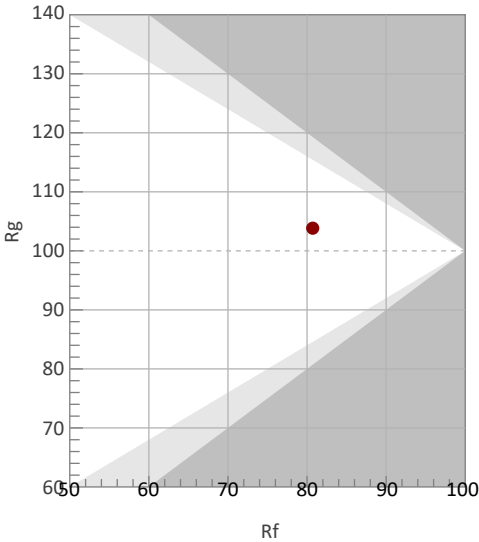
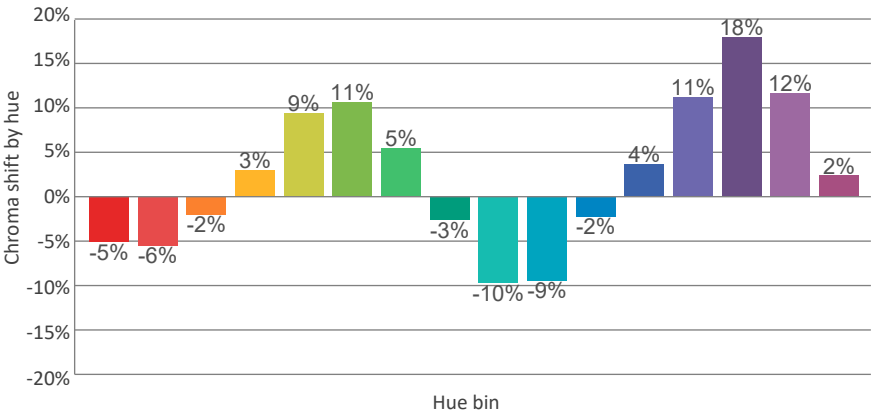
Rg 103,8

Gamut Index Rg

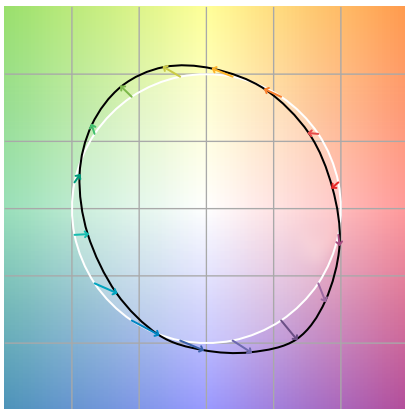
| | | Shifts (%) | |
|---------|----|------------|-----|
| Hue Bin | Rf | Chroma | Hue |
| 1 | | % | % |
| 2 | | % | % |
| 3 | | % | % |
| 4 | | % | % |
| 5 | | % | % |
| 6 | | % | % |
| 7 | | % | % |
| 8 | | % | % |
| 9 | | % | % |
| 10 | | % | % |
| 11 | | % | % |
| 12 | | % | % |
| 13 | | % | % |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



TM30_BIN_VALUES_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

