

Lichteffizienz:

61 Lumen/Watt

CRI:

CRI: 81,4

Farbtemperatur:

3358 K

Lichtstärke: 883 lm

Leuchtdichte: 1861 cd

Leistung: 14,6 W

Powerfaktor: 0,55



Bestellnummer:

PC67101402

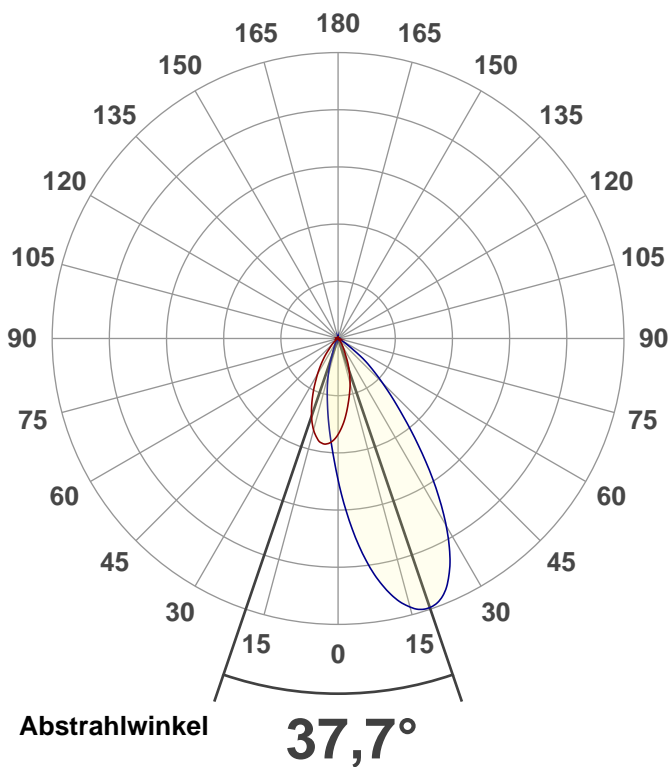
Messung erstellt:

18.08.2020 14:50:55

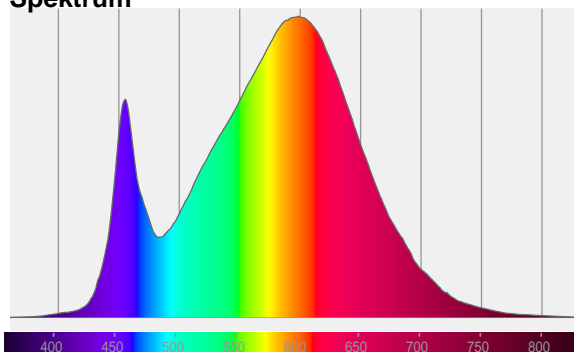
Beschreibung:

ERIZO

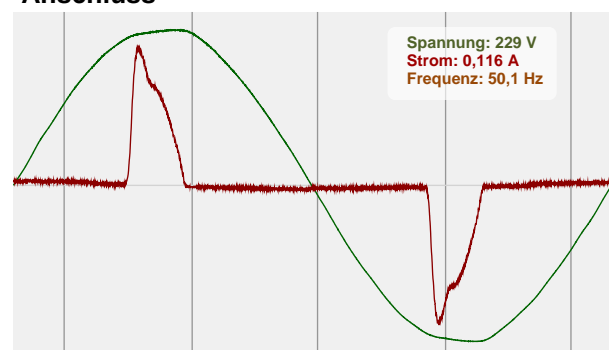
LED Bodeneinbau - rund -  
EDS / Alu IP67 - 110-240V -  
14W - 3000K - 932lm

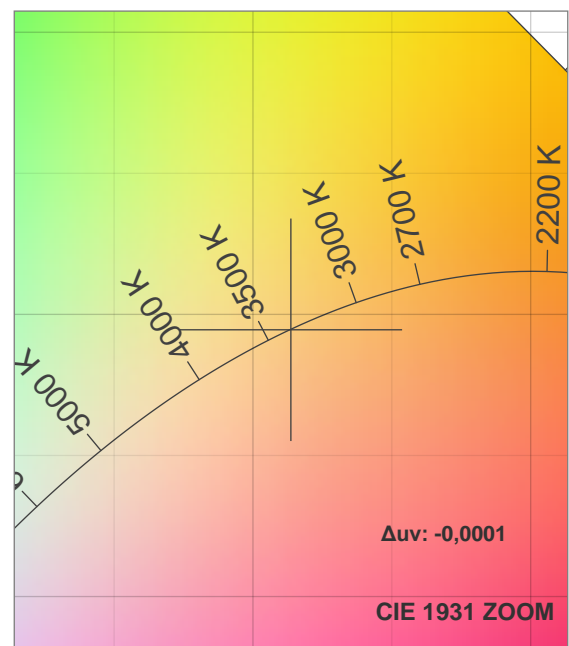
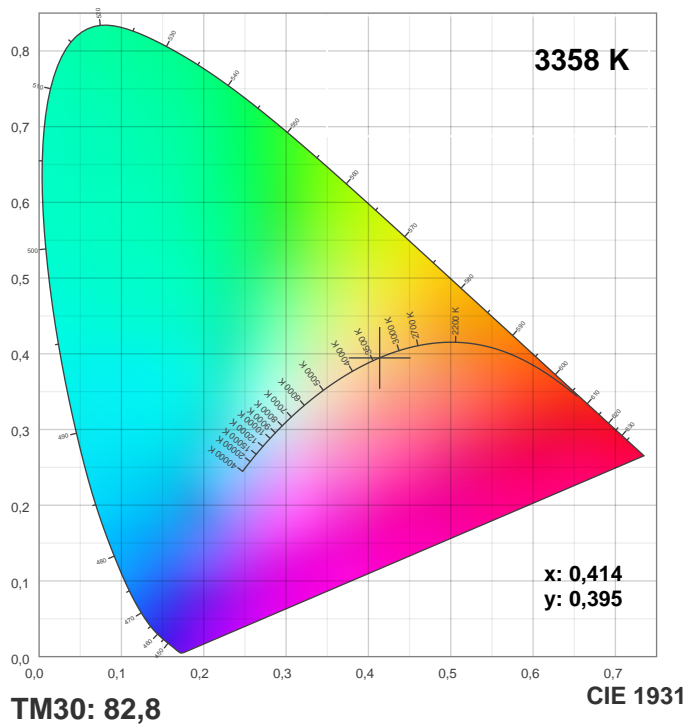


Spektrum

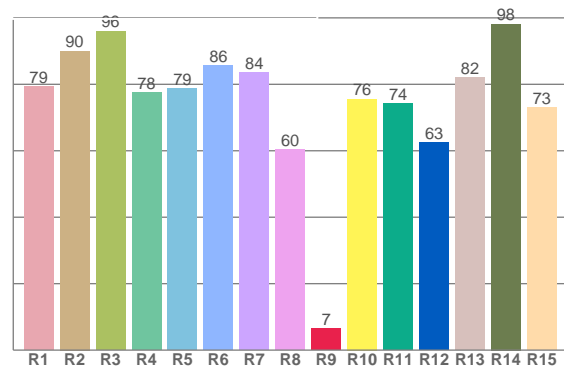
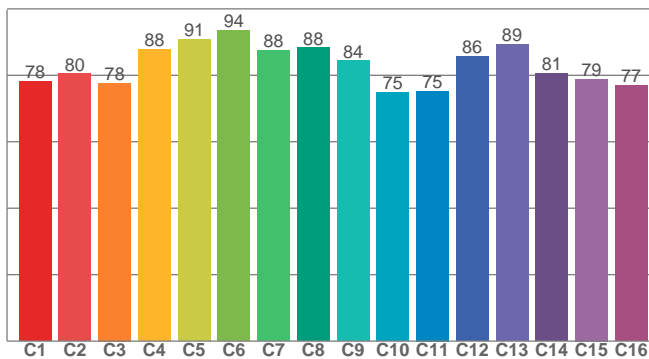


Anschluss





CRI: 81,4 (R1-R8)



CRI R-Werte, nur R1-R8 werden zur Berechnung des endgültigen CRI-Wertes verwendet

| R1   | R2   | R3   | R4   | R5   | R6   | R7   | R8   | R9  | R10  | R11  | R12  | R13  | R14  | R15  |
|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|
| 79,4 | 90,0 | 96,0 | 77,5 | 78,7 | 85,7 | 83,6 | 60,4 | 6,5 | 75,6 | 74,3 | 62,5 | 82,0 | 98,2 | 73,1 |

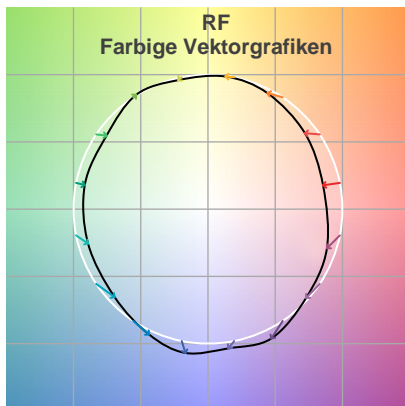
TM30 C-Werte, 16 eingelagerte Werte von insgesamt 99 C-Werten

| C1   | C2   | C3   | C4   | C5   | C6   | C7   | C8   | C9   | C10  | C11  | C12  | C13  | C14  | C15  | C16  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 78,2 | 80,5 | 77,7 | 87,8 | 90,8 | 93,6 | 87,5 | 88,3 | 84,4 | 74,9 | 75,3 | 85,6 | 89,3 | 80,6 | 78,9 | 77,0 |

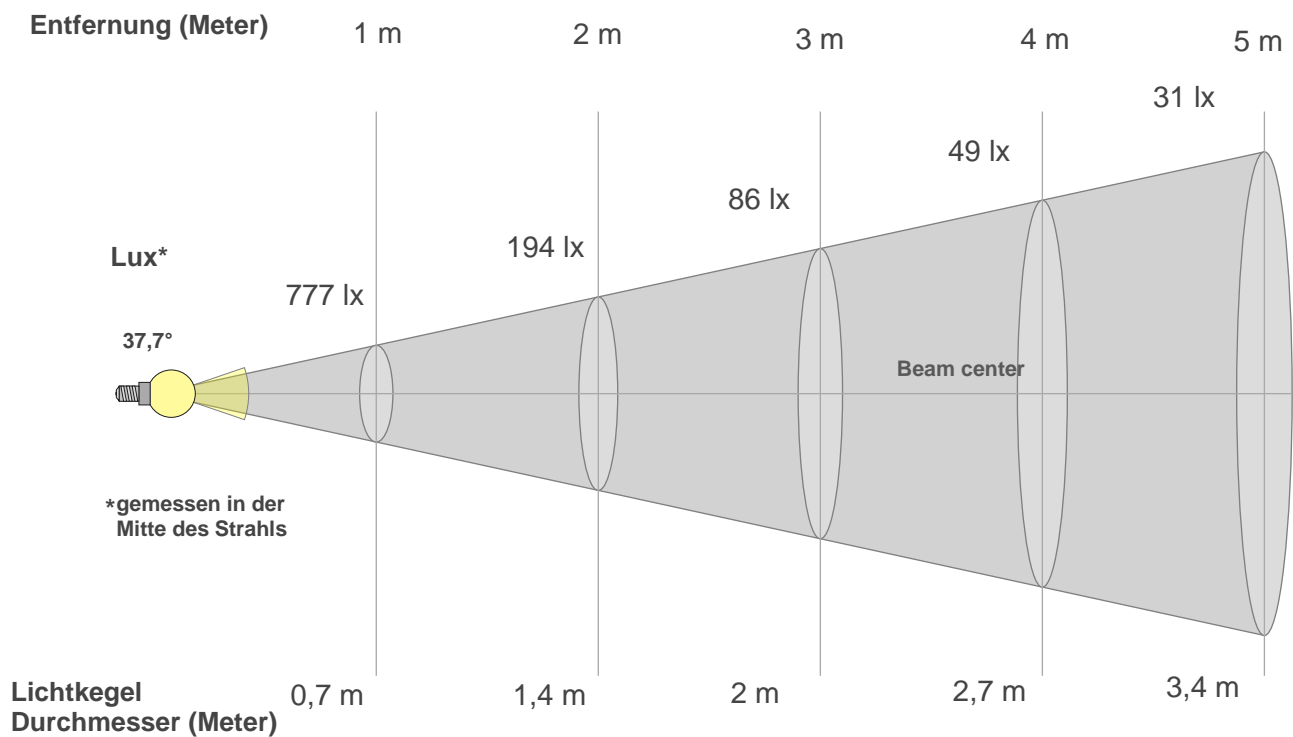
## Farbparameter

| Farbtemperatur<br>CCT | CRI-Wert rendering<br>CRI | Rotanteil R9<br>CRI R9 | Farbtreue<br>TM30 Rf | Farbbereich<br>TM30 Rg |
|-----------------------|---------------------------|------------------------|----------------------|------------------------|
| 3358 K                | 81,4                      | 6,5                    | 82,8                 | 94,0                   |

## TM30 Details



## Lichtstrahl Details



## Strahlintensitäten von 1-20m

| 1m    | 2m    | 3m   | 4m   | 5m   | 6m   | 7m   | 8m   | 9m   | 10m | 3,3m   | 6,6m   | 9,8m | 13,1m | 16,4m | 19,7m | 23m   | 26,2m | 29,5m | 32,8m |
|-------|-------|------|------|------|------|------|------|------|-----|--------|--------|------|-------|-------|-------|-------|-------|-------|-------|
| 777lx | 194lx | 86lx | 49lx | 31lx | 22lx | 16lx | 12lx | 10lx | 8lx | 72,2lx | 18,1lx | 8lx  | 4,5lx | 2,9lx | 2lx   | 1,5lx | 1,1lx | 0,9lx | 0,7lx |

## Blendungsbewertung nach UGR

|  |   |     |     |     |     |   |     |     |     |     |
|--|---|-----|-----|-----|-----|---|-----|-----|-----|-----|
| p Decke  | 70  | 70  | 50  | 50  | 30  | 70  | 70  | 50  | 50  | 30  |
| p Wand   | 50  | 30  | 50  | 30  | 30  | 50  | 30  | 50  | 30  | 30  |
| p Boden  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  |
| Raumgrößen<br>X      Y   | Blickrichtung rechtwinklig zur<br>Lampenachse |     |     |     |     | Blickrichtung parallel zur<br>Lampenachse |     |     |     |     |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| n/a  | n/a   | n/a | n/a | n/a | n/a | n/a                                       | n/a | n/a | n/a | n/a |
| Variation der Beobachterposition für den Leuchtenabstand S       |   |     |     |     |     |   |     |     |     |     |
| n/a  | n/a   |     |     |     |     | n/a                                       |     |     |     |     |
| n/a  | n/a   |     |     |     |     | n/a                                       |     |     |     |     |
| n/a  | n/a   |     |     |     |     | n/a                                       |     |     |     |     |
| Standard-Tabelle   | n/a   |     |     |     |     | n/a                                       |     |     |     |     |
| Korrektur<br>Zusammenfassung                                     | n/a   |     |     |     |     | n/a                                       |     |     |     |     |
| Korrigierte Blendungsindizes bezogen auf 883 lm Gesamtlichtstrom |   |     |     |     |     |   |     |     |     |     |

UGR data could not be calculated due to missing/wrong symmetry. Goto Edit->Photometric->Corrections and select Correct asymmetry.

| Measurement Details |                        |
|---------------------|------------------------|
| Messzeitpunkt       | 18.08.2020<br>14:50:55 |
| Betreiber           | EVN Lichttechnik       |

| Laboratory and Equipment      |                  |                         |
|-------------------------------|------------------|-------------------------|
| Laboreigentümer und Standort  | EVN Lichttechnik | Winkelhaid, Deutschland |
| Flickermeter Art              | Viso Systems     | LabFlicker              |
| Frequenz der Eingangsleistung | 50,1 Hz          |                         |

| Flicker Details   |                     |   |
|---|---------------------|---|
| Flicker-Abtastrate  | 20000 Abtastungen/s |   |
| Flicker Kennwerte gemäß der Illuminating Engineering Society (IES)                                    | Flicker Frequenz    | 124,22 Hz                                   |
|   | Flickeranteil in %  | 0,12 %                                      |
|   | Flicker Index       | 0   |
| Flicker Kennwerte gemäß der Kalifornische Energiekommission, JA 8/10 Prozentsatz Amplitudenmodulation | Ungefiltert         | 0,12 %                                      |
|   | mit 40-Hz-Grenze    | 0,01 %                                      |
|   | mit 90-Hz-Grenze    | 0,02 %                                      |
|   | mit 200-Hz-Grenze   | 0,1 %                                       |
|   | mit 400-Hz-Grenze   | 0,12 %                                      |
|   | mit 1000-Hz-Grenze  | 0,12 %                                      |
| Flickerindex nach ASSIST  | Mp 0                | Konformität mit der EU-Ökodesign-Richtlinie |

| Flickerkurve (vollständig ausgewertetes Flickersignal)               |   |   |
|--|---|---|
| TLA-Kennwerte gemäß IEC TR 61547-1, IEC 61000-3-3 und IEC 61000-4-15 | Flicker PstLM Wert 0,01<br>Flicker SVM Wert 0 | Yes - PstLM $\leq$ 1,0<br>Yes - SVM $<$ 0,4 |

