

Lichteffizienz:

66 Lumen/Watt

CRI:

CRI: 81,7

Farbtemperatur:

4133 K

Lichtstärke: 162 lm

Leuchtdichte: 77,3 cd

Leistung: 2,4 W

Powerfaktor: 1,0



Bestellnummer:

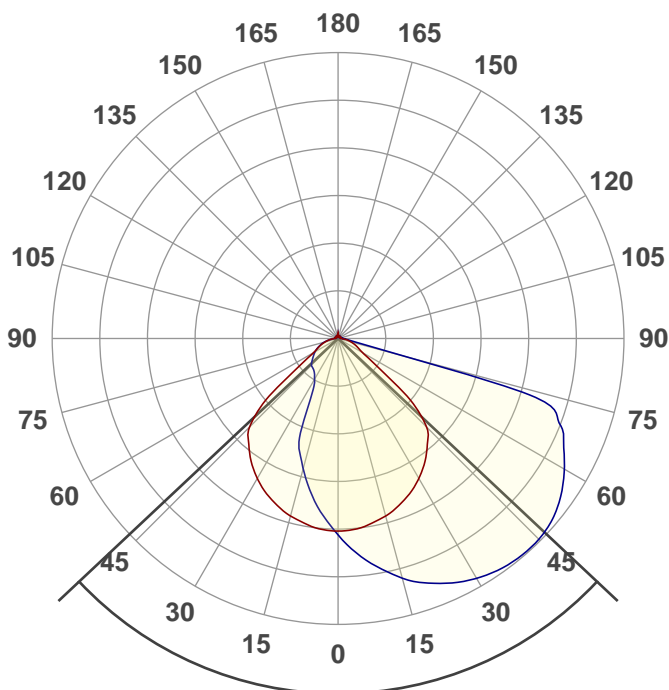
P20340

Messung erstellt:

16.11.2020 16:46:10

Beschreibung:

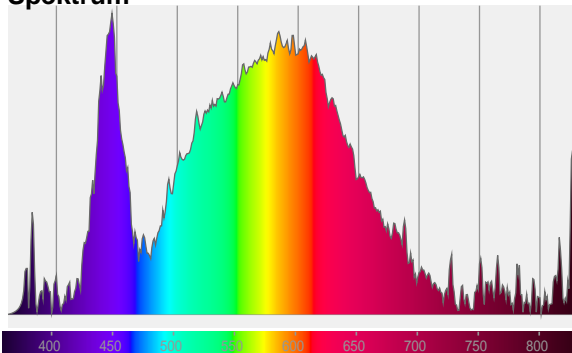
LED Wandeinbau - weiß matt  
- IP54 - 700mA - 2W - 4000K -  
123lm - geeignet für Montage  
auf Schalterdose  
(angeschlossen an  
Labornetzteil)



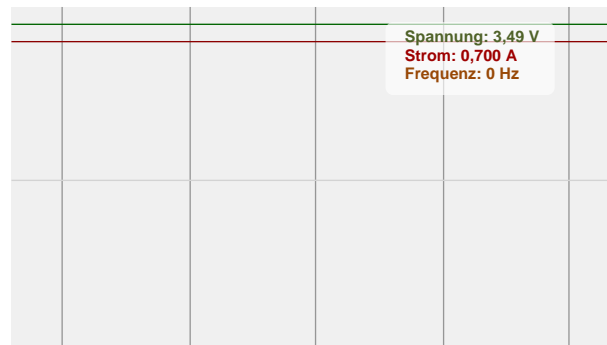
Abstrahlwinkel

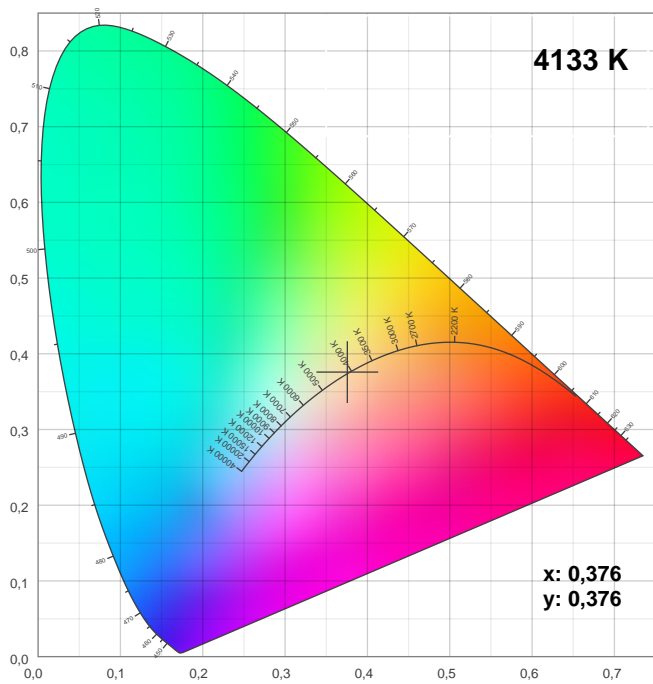
93,6°

Spektrum



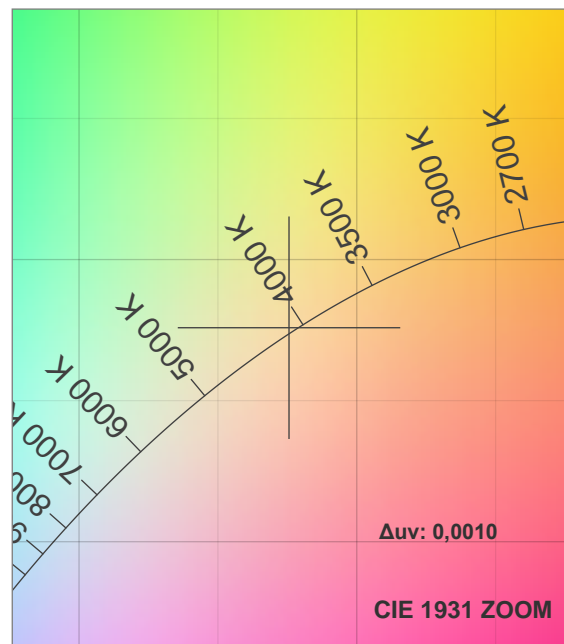
Anschluss



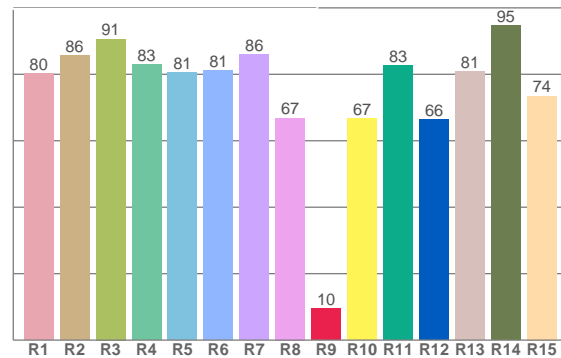
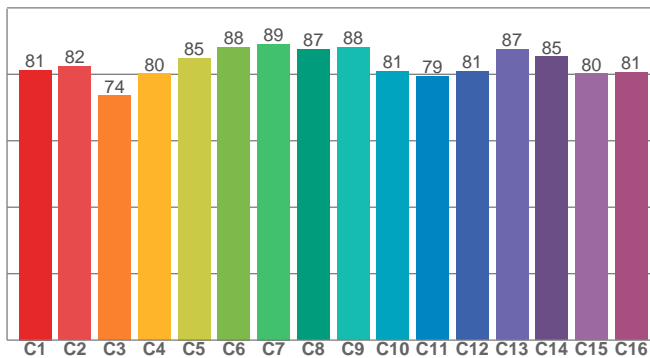


TM30: 82,8

CIE 1931



CRI: 81,7 (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  |
|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|
| 80,2 | 85,6 | 90,6 | 83,0 | 80,6 | 81,2 | 85,9 | 66,9 | 9,5 | 66,6 | 82,7 | 66,3 | 80,9 | 94,7 | 73,5 |

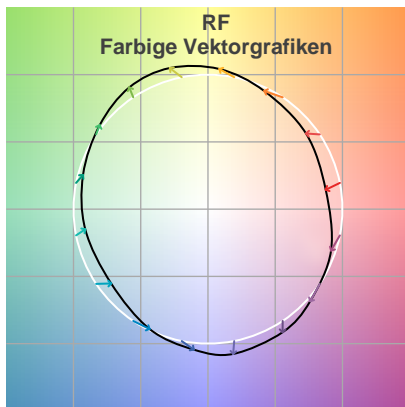
TM30 C-Werte, 16 eingelagerte Werte von insgesamt 99 C-Werten

| C1   | C2   | C3   | C4   | C5   | C6   | C7   | C8   | C9   | C10  | C11  | C12  | C13  | C14  | C15  | C16  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 81,3 | 82,4 | 73,6 | 80,2 | 84,9 | 88,2 | 89,1 | 87,5 | 88,1 | 80,9 | 79,4 | 81,0 | 87,4 | 85,3 | 80,2 | 80,6 |

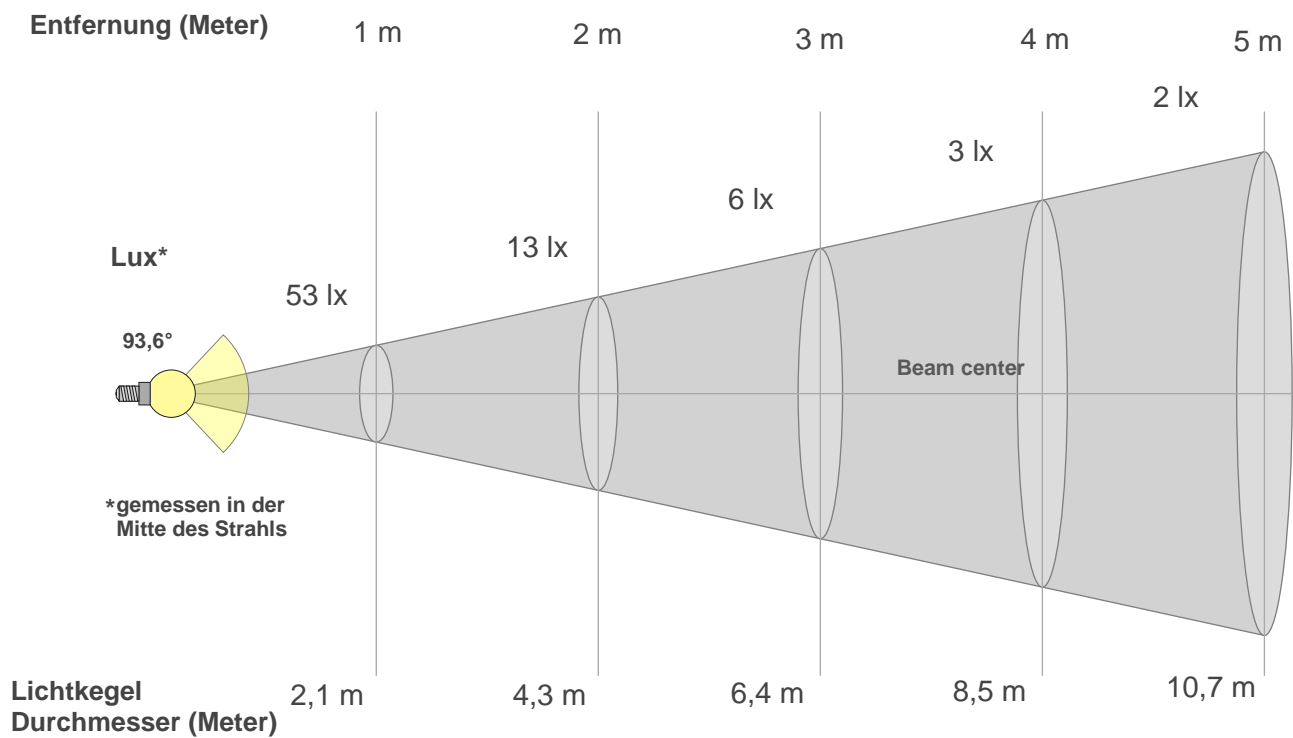
## Farbparameter

| Farbtemperatur<br>CCT | CRI-Wert rendering<br>CRI | Rotanteil R9<br>CRI R9 | Farbtreue<br>TM30 Rf | Farbbereich<br>TM30 Rg |
|-----------------------|---------------------------|------------------------|----------------------|------------------------|
| 4133 K                | 81,7                      | 9,5                    | 82,8                 | 98,3                   |

## 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 |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 53lx | 13lx | 6lx | 3lx | 2lx | 1lx | 1lx | 1lx | 1lx | 1lx | 4,9lx | 1,2lx | 0,5lx | 0,3lx | 0,2lx | 0,1lx | 0,1lx | 0,1lx | 0,1lx | 0lx   |

## Glare Evaluation According to 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 |
| 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 162 lm Gesamtlichtstrom |   |     |     |     |     |   |     |     |     |     |

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