

Lichteffizienz:

36 Lumen/Watt

CRI:

CRI: 0,0

Farbtemperatur:

0 K

Lichtstärke: 57,4 lm

Leuchtdichte: 78,1 cd

Leistung: 1,6 W

Powerfaktor: 1,0



Bestellnummer:

67946189902\_blau

Messung erstellt:

15.03.2023 08:25:20

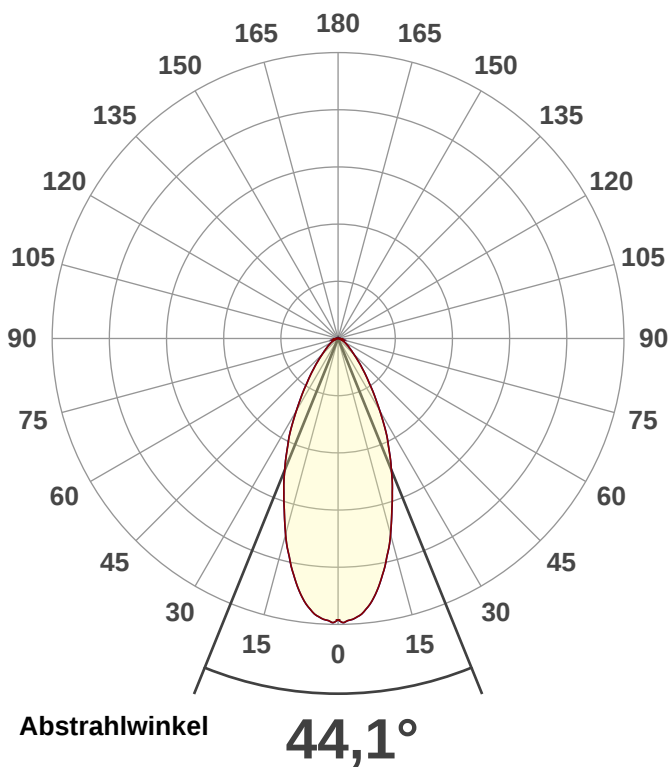
Beschreibung:

TALPA

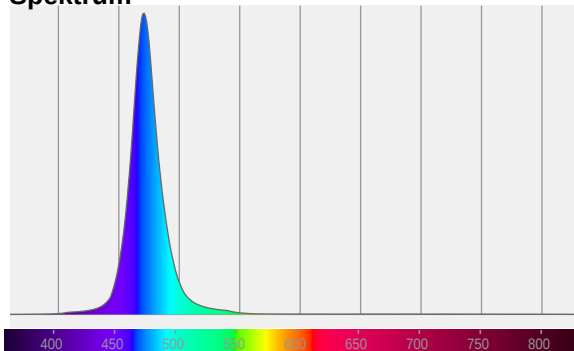
LED Bodeneinbau - quad. -  
EDS / Alu - inkl. LM IP67 -  
24V/DC -8W - RGB+W(3000K)

(angeschlossen an  
Labornetzgerät)

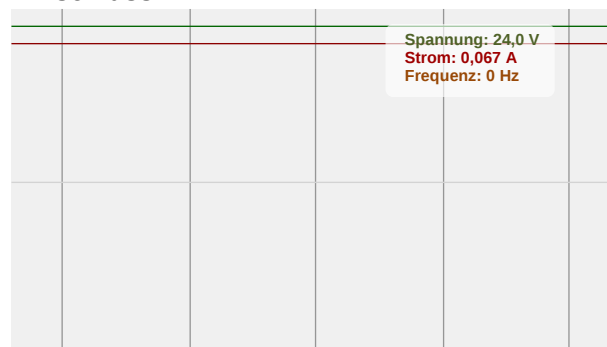
(2,831m)

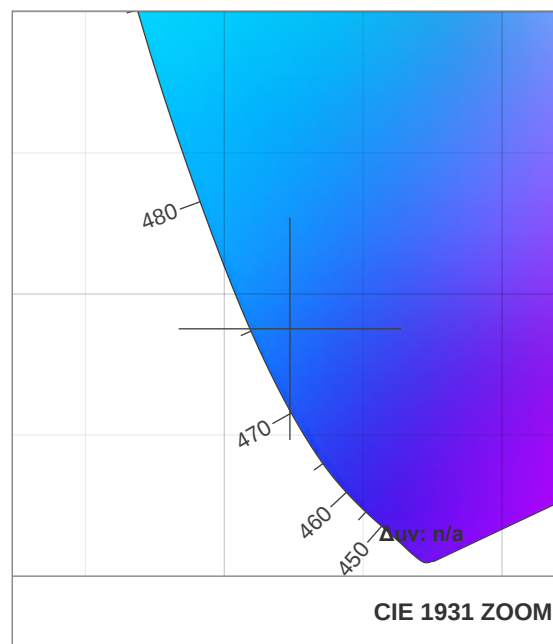
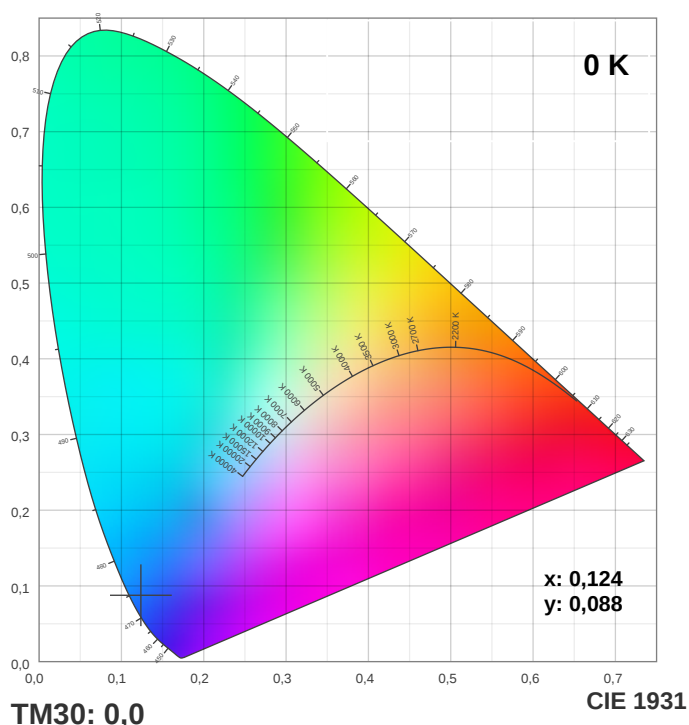


Spektrum



Anschluss





**CRI: 0,0 (R1-R8)**

|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |

|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|---|
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |   |
| 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0 |
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |   |

**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 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

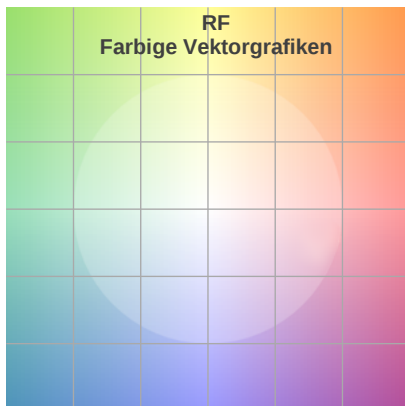
**TM30 C-Werte, 16 eingelagerte Werte von insgesamt 99 C-Werten**

| C1  | C2  | C3  | C4  | C5  | C6  | C7  | C8  | C9  | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

### Farbparameter

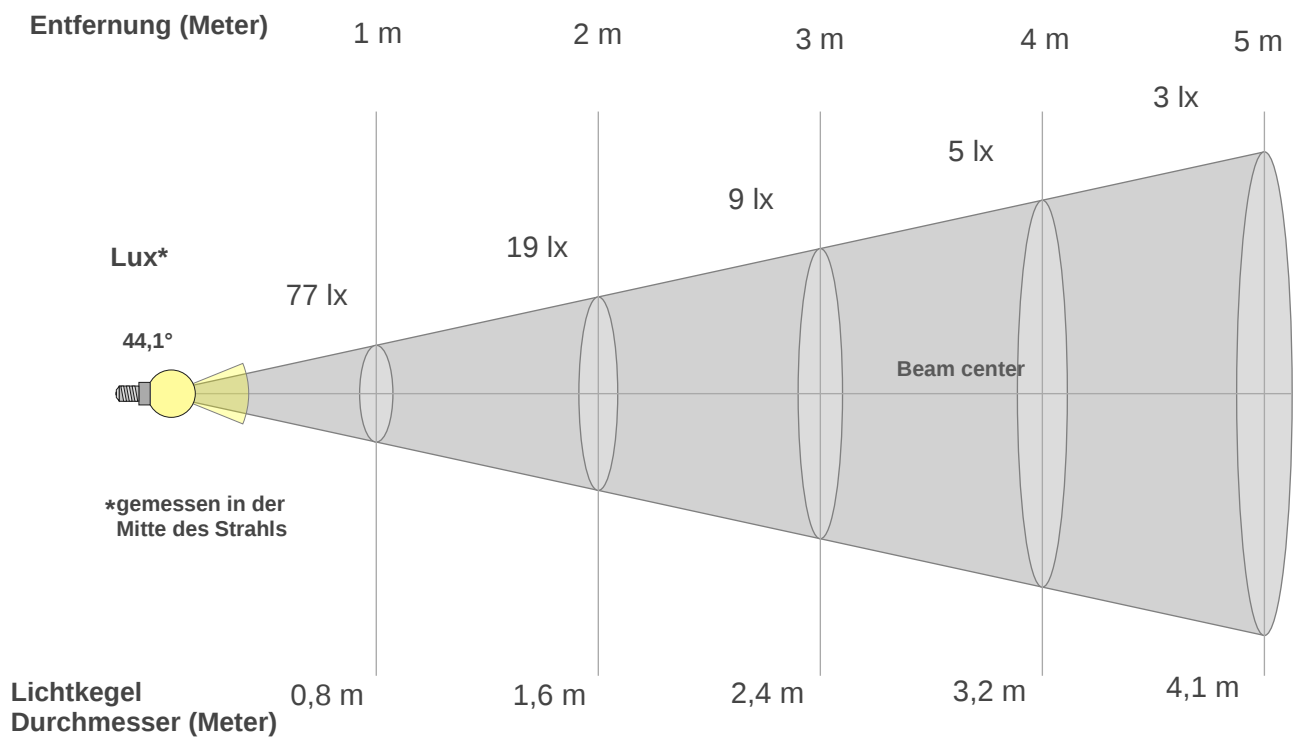
| Farbtemperatur<br>CCT | CRI-Wert rendering<br>CRI | Rotanteil R9<br>CRI R9 | Farbtreue<br>TM30 Rf | Farbbereich<br>TM30 Rg |
|-----------------------|---------------------------|------------------------|----------------------|------------------------|
| 0 K                   | 0,0                       | 0,0                    | 0,0                  | 0,0                    |

## TM30 Details



Grafiken mit Farbverzerrung

## 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 |
|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 77lx | 19lx | 9lx | 5lx | 3lx | 2lx | 2lx | 1lx | 1lx | 1lx | 7,2lx | 1,8lx | 0,8lx | 0,4lx | 0,3lx | 0,2lx | 0,1lx | 0,1lx | 0,1lx | 0,1lx |

## 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 |     |     |     |     |
| 2H                                                                | 2H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 3H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 4H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 6H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 8H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 12H | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
| 4H                                                                | 2H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 3H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 4H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 6H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 8H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 12H | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
| 8H                                                                | 4H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 6H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 8H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 12H | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
| 12H                                                               | 4H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 6H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
|                                                                   | 8H  | -â°                                           | -â° | -â° | -â° | -â° | -â°                                       | -â° | -â° | -â° | -â° |
| Variation der Beobachterposition für den Leuchtenabstand S        |     |                                               |     |     |     |     |                                           |     |     |     |     |
| S = 1.0H                                                          |     | NaN / NaN                                     |     |     |     |     | NaN / NaN                                 |     |     |     |     |
| S = 1.5H                                                          |     | NaN / NaN                                     |     |     |     |     | NaN / NaN                                 |     |     |     |     |
| S = 2.0H                                                          |     | NaN / NaN                                     |     |     |     |     | NaN / NaN                                 |     |     |     |     |
| Standard-Tabelle                                                  |     | n/a                                           |     |     |     |     | n/a                                       |     |     |     |     |
| Korrektur<br>Zusammenfassung                                      |     | n/a                                           |     |     |     |     | n/a                                       |     |     |     |     |
| Korrigierte Blendungsindizes bezogen auf 57,4 lm Gesamtlichtstrom |     |                                               |     |     |     |     |                                           |     |     |     |     |

| Measurement Details |                        |
|---------------------|------------------------|
| Messzeitpunkt       | 15.03.2023<br>08:25:20 |
| Betreiber           | EVN Lichttechnik       |

| Laboratory and Equipment      |                  |                         |
|-------------------------------|------------------|-------------------------|
| Laboreigentümer und Standort  | EVN Lichttechnik | Winkelhaid, Deutschland |
| Flickermeter Art              | Viso Systems     | LabFlicker              |
| Frequenz der Eingangsleistung | 0 Hz             |                         |

| Flicker Details                                                                                       |                     |                                             |
|-------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------|
| Flicker-Abtastrate                                                                                    | 20000 Abtastungen/s |                                             |
| Flicker Kennwerte gemäß der Illuminating Engineering Society (IES)                                    | Flicker Frequenz    | 125 Hz                                      |
|                                                                                                       | Flickeranteil in %  | 0,05 %                                      |
|                                                                                                       | Flicker Index       | 0                                           |
| Flicker Kennwerte gemäß der Kalifornische Energiekommission, JA 8/10 Prozentsatz Amplitudenmodulation | Ungefiltert         | 0,05 %                                      |
|                                                                                                       | mit 40-Hz-Grenze    | 0,04 %                                      |
|                                                                                                       | mit 90-Hz-Grenze    | 0,04 %                                      |
|                                                                                                       | mit 200-Hz-Grenze   | 0,04 %                                      |
|                                                                                                       | mit 400-Hz-Grenze   | 0,04 %                                      |
|                                                                                                       | mit 1000-Hz-Grenze  | 0,04 %                                      |
| Flickerindex nach ASSIST                                                                              | Mp 0,01             | 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 |

| Flicker Frame (Bild einer Flickerperiode im Zeitbereich) | Flicker FFT (Flickerkurve im Frequenzbereich) |
|----------------------------------------------------------|-----------------------------------------------|
|----------------------------------------------------------|-----------------------------------------------|

