

Allgemeine technische Angaben

- Bestromung von 200-700 mA in 50 mA Schritten
- LED Lebensdauer L90 B10 / 100.000 h - TA <=25° C
- Bemessungslichtstrom von 1195-4970 lm
- CLO (Constant Lumen Output / Konstanter Lichtstrom)
  - Bei aktivierter CLO Funktion reduziert sich der Lichtstrom des in der Tabelle dargestellten Wertes um 10% und wird über die Dauer von 100.000 h konstant gehalten
  - Die Ausgangsbestromung (mA) und -bemessungsleistung (W) startet bei aktivierter CLO Funktion bei 90% des in der Tabelle dargestellten Wertes und endet nach 100.000 h bei 100%
- Schutzklasse I & II
- Vorschaltgerät (220-240 V / 50-60 Hz)
- CRI >80: 2200 K / 2700 K / 3000 K / 4000 K

Bemessungsleistung & Lichtstrom

| 2200 K     |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |        |      |       |
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|            | 200 mA             |         |         | 250 mA             |         |         | 300 mA             |         |         | 350 mA             |         |         | 400 mA             |         |         | 450 mA             |         |         | 500 mA             |         |         | 550 mA             |         |         | 600 mA             |         |         | 650 mA             |         |         | 700 mA |      |       |
| Anzahl LED | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* |        |      |       |
| 16         | 11                 | 1286    | 116,9   | 13                 | 1599    | 123,0   | 16                 | 1907    | 119,2   | 18                 | 2217    | 123,2   | 20                 | 2521    | 126,1   | 23                 | 2816    | 122,4   | 25                 | 3105    | 124,2   | 27                 | 3388    | 125,5   | 29                 | 3667    | 126,4   | 32                 | 3940    | 123,1   | 34     | 4211 | 123,9 |

| 2700 K     |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |        |      |       |
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|            | 200 mA             |         |         | 250 mA             |         |         | 300 mA             |         |         | 350 mA             |         |         | 400 mA             |         |         | 450 mA             |         |         | 500 mA             |         |         | 550 mA             |         |         | 600 mA             |         |         | 650 mA             |         |         | 700 mA |      |       |
| Anzahl LED | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* |        |      |       |
| 16         | 11                 | 1376    | 125,1   | 13                 | 1711    | 131,6   | 16                 | 2040    | 127,5   | 18                 | 2372    | 131,8   | 20                 | 2698    | 134,9   | 23                 | 3014    | 131,0   | 25                 | 3323    | 132,9   | 27                 | 3625    | 134,3   | 29                 | 3924    | 135,3   | 32                 | 4217    | 131,8   | 34     | 4506 | 132,5 |

| 3000 K     |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |        |      |       |
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|            | 200 mA             |         |         | 250 mA             |         |         | 300 mA             |         |         | 350 mA             |         |         | 400 mA             |         |         | 450 mA             |         |         | 500 mA             |         |         | 550 mA             |         |         | 600 mA             |         |         | 650 mA             |         |         | 700 mA |      |       |
| Anzahl LED | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* |        |      |       |
| 16         | 11                 | 1443    | 131,2   | 13                 | 1795    | 138,1   | 16                 | 2140    | 133,8   | 18                 | 2488    | 138,2   | 20                 | 2830    | 141,5   | 23                 | 3161    | 137,4   | 25                 | 3485    | 139,4   | 27                 | 3802    | 140,8   | 29                 | 4116    | 141,9   | 32                 | 4422    | 138,2   | 34     | 4726 | 139,0 |

| 4000 K     |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |                    |         |         |        |      |       |
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|            | 200 mA             |         |         | 250 mA             |         |         | 300 mA             |         |         | 350 mA             |         |         | 400 mA             |         |         | 450 mA             |         |         | 500 mA             |         |         | 550 mA             |         |         | 600 mA             |         |         | 650 mA             |         |         | 700 mA |      |       |
| Anzahl LED | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* | P <sub>i</sub> (W) | Φ (lm)* | (lm/W)* |        |      |       |
| 16         | 11                 | 1517    | 137,9   | 13                 | 1888    | 145,2   | 16                 | 2250    | 140,6   | 18                 | 2617    | 145,4   | 20                 | 2976    | 148,8   | 23                 | 3324    | 144,5   | 25                 | 3665    | 146,6   | 27                 | 3999    | 148,1   | 29                 | 4329    | 149,3   | 32                 | 4651    | 145,3   | 34     | 4970 | 146,2 |

\*Oben aufgeführte Werte anhand der Optik CIR06 | Messgrundlagen gem. EN 62717 bzw. EN 62722