

Lichttechnischer Prüfbefund

Familie  
Floodlight FL11



Bestell-Nr.: 5XA779728L01AB  
EAN: 4069025145147

Ausführung  
Optik  
Abdeckung  
Bestückung  
Betriebsgerät  
Bemessungswerte

Bügel gekröpft  
symmetrisch strahlend RS8  
Einscheibensicherheitsglas (ESG)  
LED 5700 K | CRI ≥ 80  
EVG-DMX  
Ta = 0 °C  
Nettolichtstrom = 174560 lm  
Systemleistung = 1571.1 W  
Lichtausbeute = 111.1 lm/W

LP-Nummer  
59237\_235

Seriodokumentation  
17.10.2024

siteco

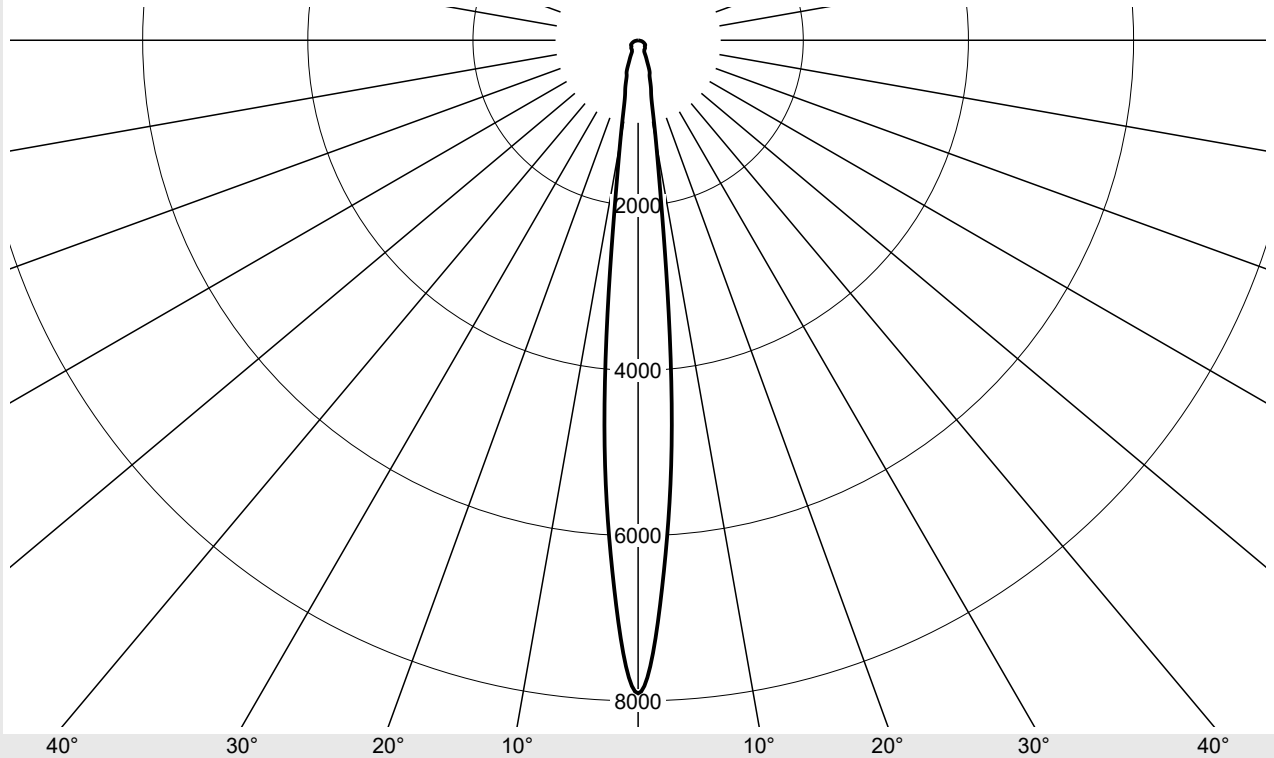
Lichtstärke in cd/klm

C180-0

Imax: 7909 cd/klm

Hausseite

Straßenseite



| Leuchtenbetriebswirkungsgrade |        | Lichtstärkeklasse nach EN13201-2 |      |
|-------------------------------|--------|----------------------------------|------|
| Eta                           | 100.0% | Klasse:                          | G6   |
| Eta 0° - 90°                  | 100.0% | Imax 70°                         | 63.7 |
| Eta 90° - 180°                | 0.0%   | Imax 80°                         | 22.6 |
|                               |        | Imax 90°                         | 0.0  |
|                               |        | Imax >90°                        | 0.0  |
|                               |        | Imax >95°                        | 0.0  |
| Messbedingungen               |        |                                  |      |
| DIN EN 13032 und DIN 5032     |        |                                  |      |

Siteco GmbH | Georg-Simon-Ohm-Straße 50 | D-83301 Traunreut

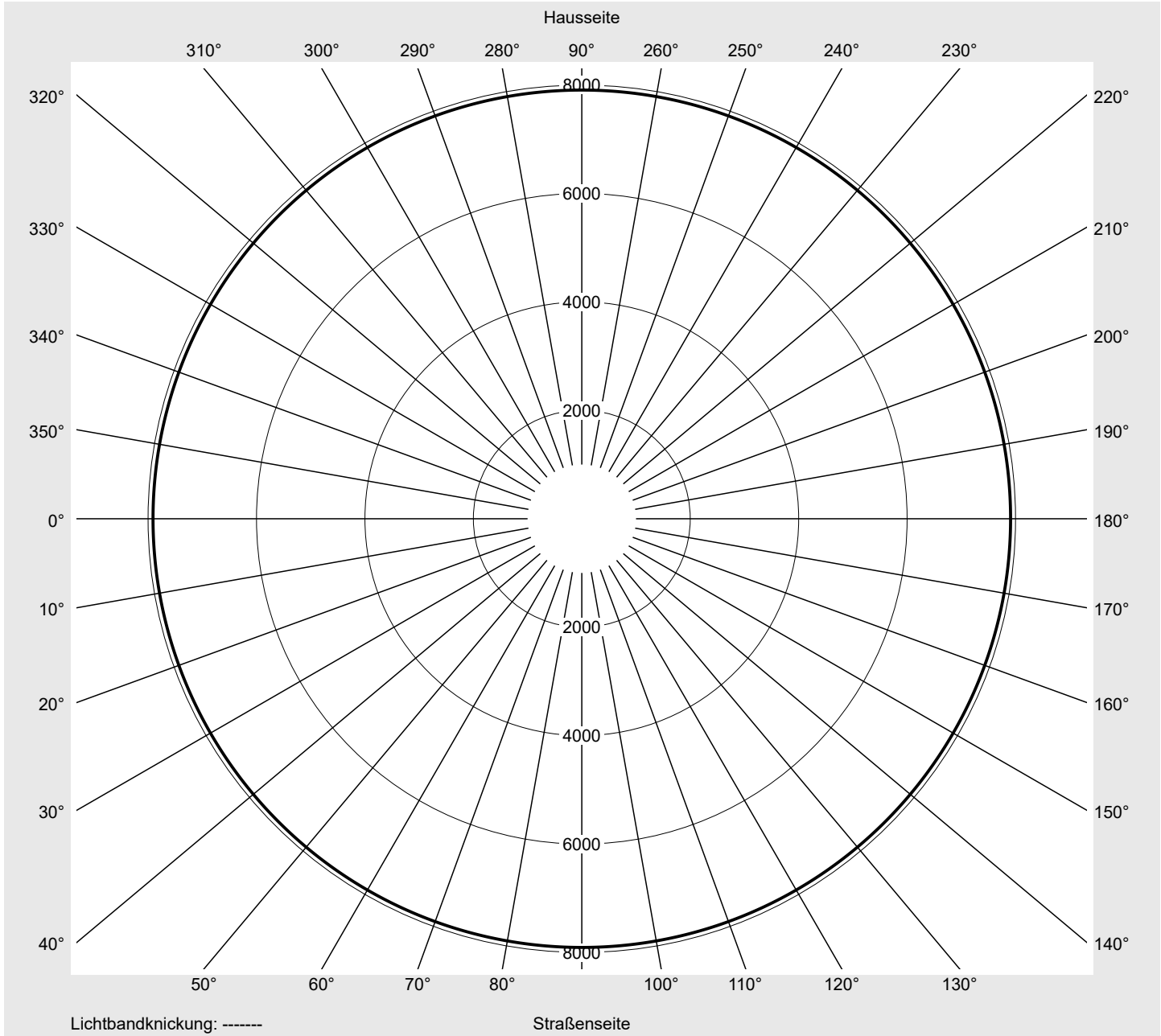
Irrtum und Änderung vorbehalten  
Toleranzen nach IEC 62722

LP 59237 | Floodlight FL11 | 5XA779728L01AB

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|                                          |                                                                 |                                      |
|------------------------------------------|-----------------------------------------------------------------|--------------------------------------|
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| <b>Kegelmantelkurven in cd/klm</b>       |                                                                 | <div>KMK 0°</div> <div>siteco</div>  |



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|                                        |                                                              |                                           |
|----------------------------------------|--------------------------------------------------------------|-------------------------------------------|
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| <p>Wertetabelle Lichtstärkemessung</p> |                                                              | <p>Maximale Lichtstärke</p> <p>siteco</p> |

| C-<br>Ebenen | 0°                    | Phi-Zone             | Summe<br>Phi-Zone |
|--------------|-----------------------|----------------------|-------------------|
| γ            | Lichtstärke in cd/klm | Lichtstrom in lm/klm |                   |
| 0,0°         | 7908.7                | 11.8                 | 11.8              |
| 2,5°         | 6642.6                | 79.4                 | 91.3              |
| 5,0°         | 4680.0                | 111.8                | 203.1             |
| 7,5°         | 2362.6                | 84.5                 | 287.6             |
| 10,0°        | 1245.2                | 59.3                 | 346.9             |
| 12,5°        | 761.9                 | 45.2                 | 392.1             |
| 15,0°        | 601.1                 | 42.6                 | 434.7             |
| 17,5°        | 463.2                 | 38.2                 | 472.9             |
| 20,0°        | 407.3                 | 38.2                 | 511.1             |
| 22,5°        | 297.2                 | 31.2                 | 542.3             |
| 25,0°        | 225.8                 | 26.2                 | 568.5             |
| 27,5°        | 165.5                 | 21.0                 | 589.4             |
| 30,0°        | 149.4                 | 20.5                 | 609.9             |
| 32,5°        | 138.7                 | 20.4                 | 630.3             |
| 35,0°        | 134.9                 | 21.2                 | 651.5             |
| 37,5°        | 131.5                 | 21.9                 | 673.5             |
| 40,0°        | 129.4                 | 22.8                 | 696.3             |
| 42,5°        | 123.9                 | 23.0                 | 719.2             |
| 45,0°        | 117.1                 | 22.7                 | 741.9             |
| 47,5°        | 108.7                 | 22.0                 | 763.9             |
| 50,0°        | 107.0                 | 22.5                 | 786.3             |
| 52,5°        | 106.2                 | 23.1                 | 809.4             |
| 55,0°        | 105.1                 | 23.6                 | 833.1             |
| 57,5°        | 102.0                 | 23.6                 | 856.6             |
| 60,0°        | 96.3                  | 22.9                 | 879.5             |
| 62,5°        | 86.5                  | 21.0                 | 900.5             |
| 65,0°        | 80.4                  | 20.0                 | 920.5             |
| 67,5°        | 70.4                  | 17.8                 | 938.3             |
| 70,0°        | 63.7                  | 16.4                 | 954.7             |
| 72,5°        | 53.3                  | 13.9                 | 968.7             |
| 75,0°        | 45.7                  | 12.1                 | 980.8             |
| 77,5°        | 32.3                  | 8.6                  | 989.4             |
| 80,0°        | 22.6                  | 6.1                  | 995.5             |
| 82,5°        | 11.8                  | 3.2                  | 998.7             |
| 85,0°        | 3.8                   | 1.0                  | 999.8             |
| 87,5°        | 0.9                   | 0.2                  | 1000.0            |
| 90,0°        | 0.0                   | 0.0                  | 1000.0            |

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|                                                       |                                                                 |                                      |
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| <b>Dimmstufen-Tabelle</b><br>Umgebungstemperatur: 0°C |                                                                 | <b>siteco</b>                        |

| Lichtstrom [%] | Dimmstufe linear | Lichtstrom [lm] | Systemleistung [W] |
|----------------|------------------|-----------------|--------------------|
| 100            | ----             | ----            | ----               |
| 95             | 238              | 165933          | 1461.3             |
| 90             | 221              | 157157          | 1353.0             |
| 85             | 204              | 148354          | 1249.3             |
| 80             | 190              | 139912          | 1156.7             |
| 75             | 175              | 131043          | 1062.8             |
| 70             | 161              | 122345          | 974.9              |
| 65             | 146              | 113115          | 885.7              |
| 60             | 133              | 104747          | 807.9              |
| 55             | 120              | 95825           | 728.4              |
| 50             | 108              | 87386           | 656.0              |
| 45             | 96               | 78723           | 584.3              |
| 40             | 84               | 69783           | 513.1              |
| 35             | 73               | 61132           | 446.5              |
| 30             | 61               | 52049           | 378.7              |
| 25             | 51               | 43970           | 320.1              |
| 20             | 40               | 34666           | 257.8              |
| 15             | 30               | 26425           | 202.7              |
| 10             | 20               | 17730           | 140.2              |
| 5              | 10               | 9010            | 77.6               |
| 1              | 3                | 2589            | 33.9               |

|                                                        |  |
|--------------------------------------------------------|--|
| <b>Dimmstufen-Tabelle</b><br>Umgebungstemperatur: 25°C |  |
|--------------------------------------------------------|--|

| Lichtstrom [%] | Dimmstufe linear | Lichtstrom [lm] | Systemleistung [W] |
|----------------|------------------|-----------------|--------------------|
| 100            | ----             | ----            | ----               |
| 95             | ----             | ----            | ----               |
| 90             | ----             | ----            | ----               |
| 85             | ----             | ----            | ----               |
| 80             | ----             | ----            | ----               |
| 78             | ----             | ----            | ----               |
| 75             | 171              | 122750          | 1027.2             |
| 70             | 157              | 114703          | 940.7              |
| 65             | 142              | 106030          | 851.7              |
| 60             | 129              | 97965           | 772.4              |
| 55             | 116              | 89676           | 695.1              |
| 50             | 104              | 81649           | 623.6              |
| 45             | 92               | 73349           | 552.4              |
| 40             | 81               | 65725           | 489.7              |
| 35             | 70               | 57477           | 424.6              |
| 30             | 59               | 49235           | 361.6              |
| 25             | 48               | 40776           | 299.2              |
| 20             | 38               | 32743           | 245.9              |
| 15             | 28               | 24272           | 187.5              |
| 10             | 19               | 16658           | 132.2              |
| 5              | 9                | 7993            | 70.1               |
| 2              | 3                | 2563            | 33.4               |

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|                            |                                                   |                        |
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| Lichtstrom-Tabelle         |                                                   | siteco                 |

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 0.0              | 174560.0         | 1571.1              |
| 25.0             | 127540.0         | 1081.5              |