

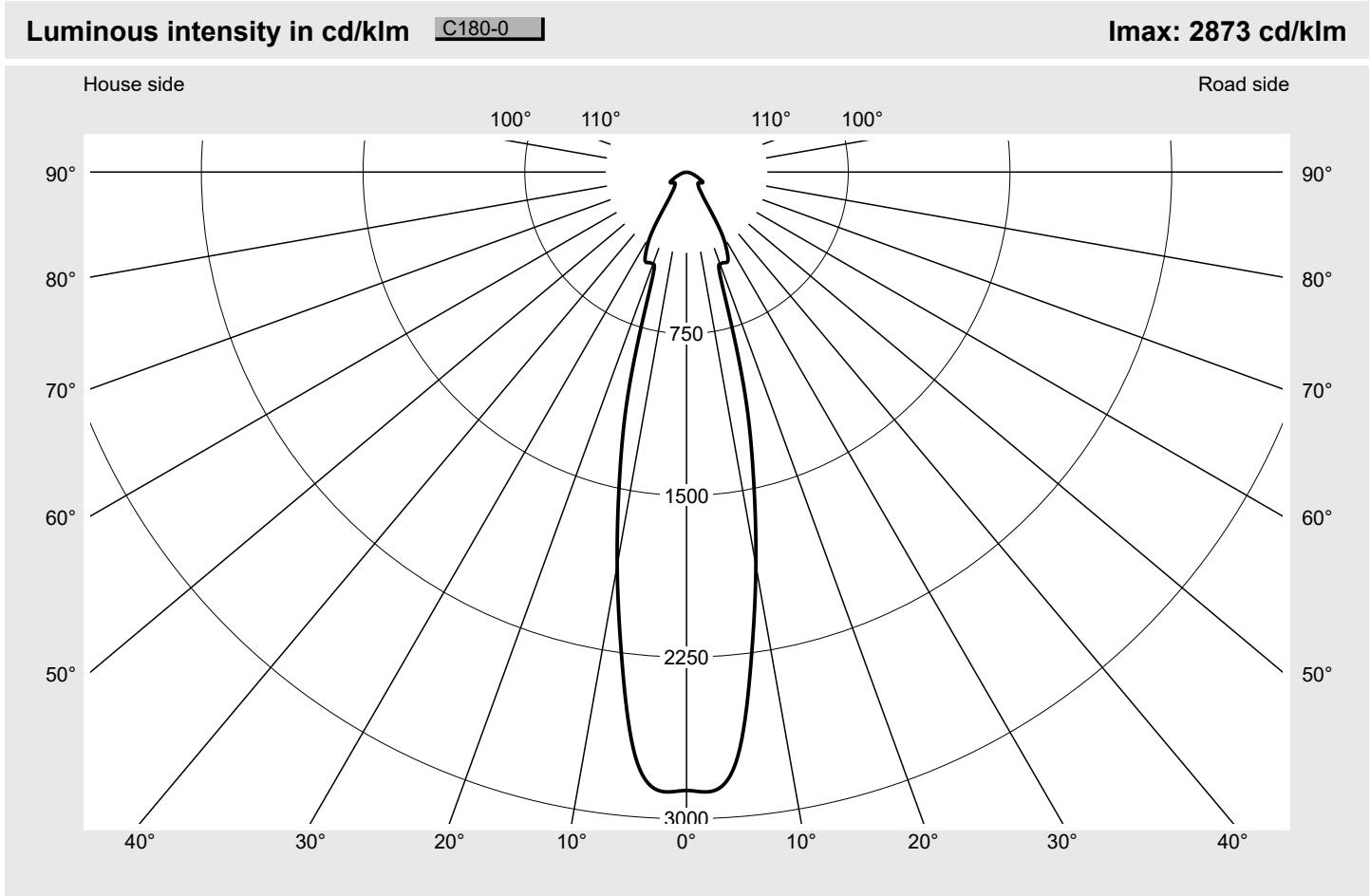


Photometric test report

| | | |
|--|---|--|
| Family Floodlight FL21 midi | Order number: 5XA7781F2B1A EAN: 4058352852811 | LP number 59238_90 |
|  | Version mounting bracket Optic symmetric distribution RS12 Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 35590 lm Power consumption = 270.2 W Luminous efficacy = 131.7 lm/W | serial documentation 22.08.2023 |
| |  | |



| Luminaire output ratios | |
|-------------------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 100.0% |
| Eta 90° - 180° | 0.0% |

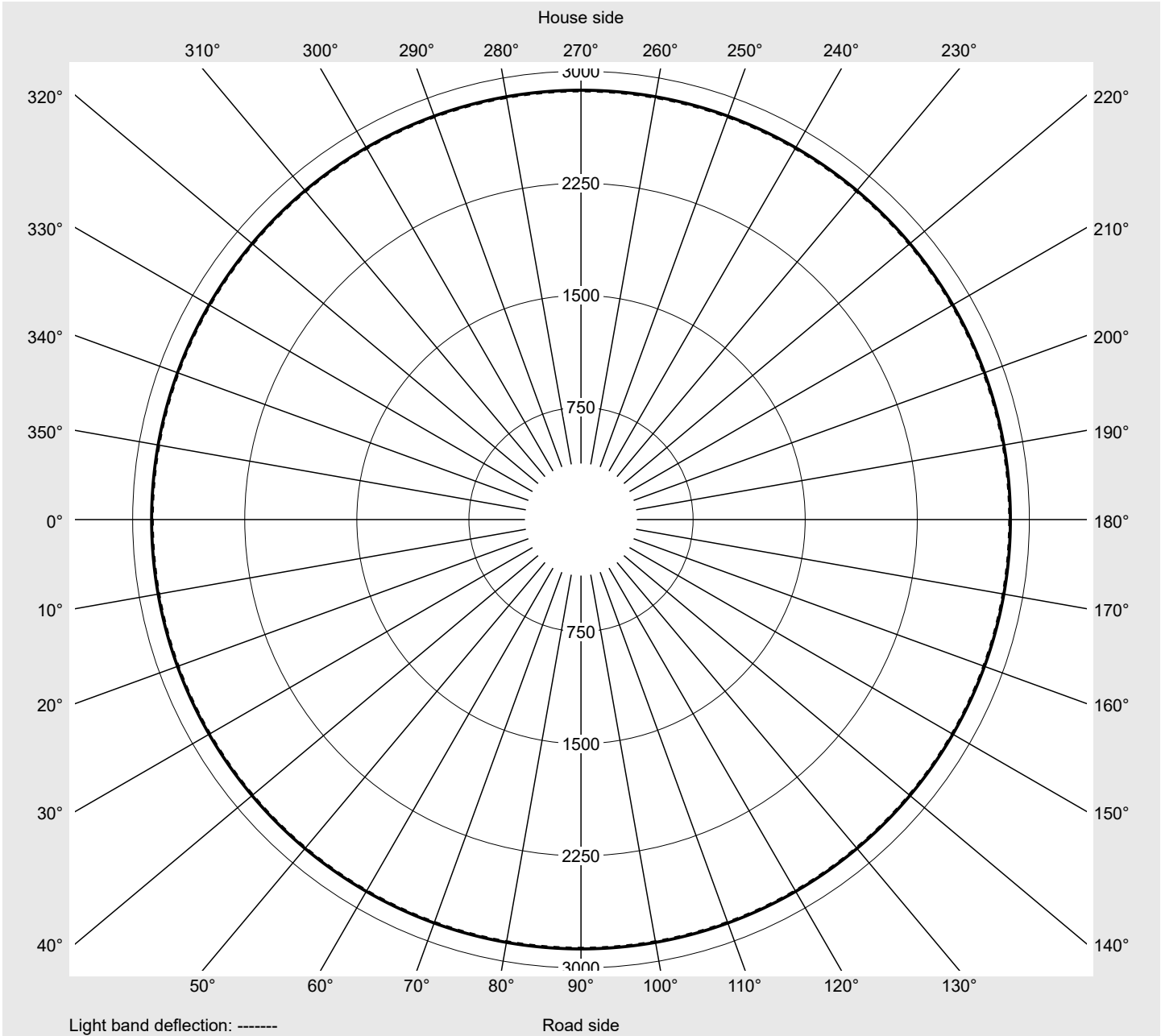
| Luminous intensity class acc. to EN13201-2 | |
|--|------|
| Class: | G6 |
| Imax 70° | 36.4 |
| Imax 80° | 9.1 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Measurement conditions
DIN EN 13032 and DIN 5032

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Envelope curve in cd/klm KMK 2.5° KMK 0° siteco



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sITeco

| | |
|---|-----------------------------------|
| Table of values for luminous intensities | Maximum luminous intensity |
|---|-----------------------------------|

| C-planes | 0° | Phi-zone | Total Phi-zone |
|----------|------------------------------|-------------------------|----------------|
| γ | Luminous intensity in cd/klm | Luminous flux in lm/klm | |
| 0,0° | 2868.8 | 4.3 | 4.3 |
| 2,5° | 2873.2 | 34.4 | 38.6 |
| 5,0° | 2722.5 | 65.0 | 103.7 |
| 7,5° | 2292.0 | 82.0 | 185.7 |
| 10,0° | 1852.6 | 88.2 | 273.9 |
| 12,5° | 1427.9 | 84.7 | 358.6 |
| 15,0° | 1018.5 | 72.3 | 430.9 |
| 17,5° | 552.2 | 45.5 | 476.4 |
| 20,0° | 453.7 | 42.5 | 518.9 |
| 22,5° | 454.7 | 47.7 | 566.6 |
| 25,0° | 454.2 | 52.6 | 619.2 |
| 27,5° | 400.1 | 50.6 | 669.9 |
| 30,0° | 317.0 | 43.5 | 713.3 |
| 32,5° | 178.5 | 26.3 | 739.6 |
| 35,0° | 121.9 | 19.2 | 758.8 |
| 37,5° | 96.3 | 16.1 | 774.9 |
| 40,0° | 86.4 | 15.2 | 790.1 |
| 42,5° | 78.8 | 14.6 | 804.7 |
| 45,0° | 75.0 | 14.5 | 819.2 |
| 47,5° | 74.2 | 15.0 | 834.2 |
| 50,0° | 76.8 | 16.1 | 850.4 |
| 52,5° | 82.1 | 17.9 | 868.2 |
| 55,0° | 87.5 | 19.7 | 887.9 |
| 57,5° | 89.5 | 20.7 | 908.6 |
| 60,0° | 83.0 | 19.7 | 928.3 |
| 62,5° | 67.2 | 16.3 | 944.6 |
| 65,0° | 57.1 | 14.2 | 958.8 |
| 67,5° | 43.9 | 11.1 | 969.9 |
| 70,0° | 36.4 | 9.4 | 979.3 |
| 72,5° | 27.1 | 7.1 | 986.4 |
| 75,0° | 21.2 | 5.6 | 992.0 |
| 77,5° | 13.7 | 3.7 | 995.6 |
| 80,0° | 9.1 | 2.5 | 998.1 |
| 82,5° | 4.7 | 1.3 | 999.4 |
| 85,0° | 1.8 | 0.5 | 999.9 |
| 87,5° | 0.5 | 0.1 | 1000.0 |
| 90,0° | 0.0 | 0.0 | 1000.0 |

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|-----------------------------|---------------------------------|---------------|
| Dimming levels table | environmental temperature: 25°C | siteco |
|-----------------------------|---------------------------------|---------------|

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|---|---------------------------------------|-------------------------------|
| 100 | 254 | 254 | 35590 | 270.2 | 286.6 | 278.4 |
| 95 | 241 | 252 | 33768 | 251.6 | 266.7 | 259.2 |
| 90 | 229 | 250 | 32087 | 235.3 | 249.2 | 242.2 |
| 85 | 216 | 248 | 30266 | 218.2 | 231.1 | 224.6 |
| 80 | 203 | 246 | 28444 | 201.9 | 213.7 | 207.8 |
| 75 | 190 | 243 | 26622 | 186.3 | 197.0 | 191.6 |
| 70 | 178 | 241 | 24941 | 172.3 | 182.2 | 177.2 |
| 65 | 165 | 238 | 23119 | 157.7 | 166.7 | 162.2 |
| 60 | 152 | 235 | 21298 | 143.6 | 151.7 | 147.6 |
| 55 | 140 | 232 | 19617 | 130.9 | 138.3 | 134.6 |
| 50 | 127 | 229 | 17795 | 117.4 | 124.1 | 120.8 |
| 45 | 114 | 225 | 15973 | 104.2 | 110.3 | 107.2 |
| 40 | 102 | 221 | 14292 | 92.4 | 97.6 | 95.0 |
| 35 | 89 | 216 | 12471 | 80.0 | 84.4 | 82.2 |
| 30 | 76 | 210 | 10649 | 67.9 | 71.6 | 69.8 |
| 25 | 63 | 203 | 8827 | 56.2 | 59.2 | 57.7 |
| 20 | 51 | 195 | 7146 | 45.8 | 48.1 | 47.0 |
| 15 | 38 | 184 | 5324 | 34.7 | 36.5 | 35.6 |
| 12 | 31 | 177 | 4344 | 28.8 | 30.3 | 29.6 |