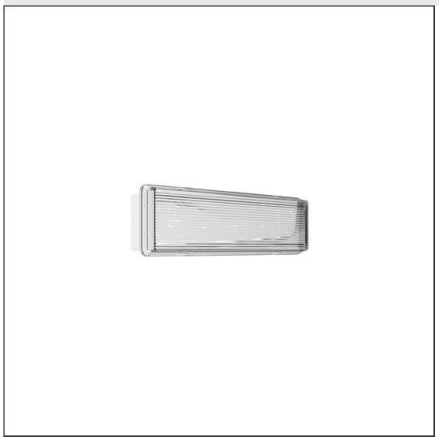
# Photometric test report

**Family**
## Escape route lighting



## Order number: 5SL33SCC2
## EAN: 4069025401175

| | |
|---|---|
| **Version** | Escape route light, for wall and ceiling surface-mounting, lens, symmetric distribution |
| **Lamps** | LED 6000 K \| CRI ≥ 80 |
| **Controlgear** | ECG |
| **Rated values** | Net luminous flux = 290 lm<br>Power consumption = 3.0 W<br>Luminous efficacy = 96.7 lm/W |

**LP number**
**59814_2**

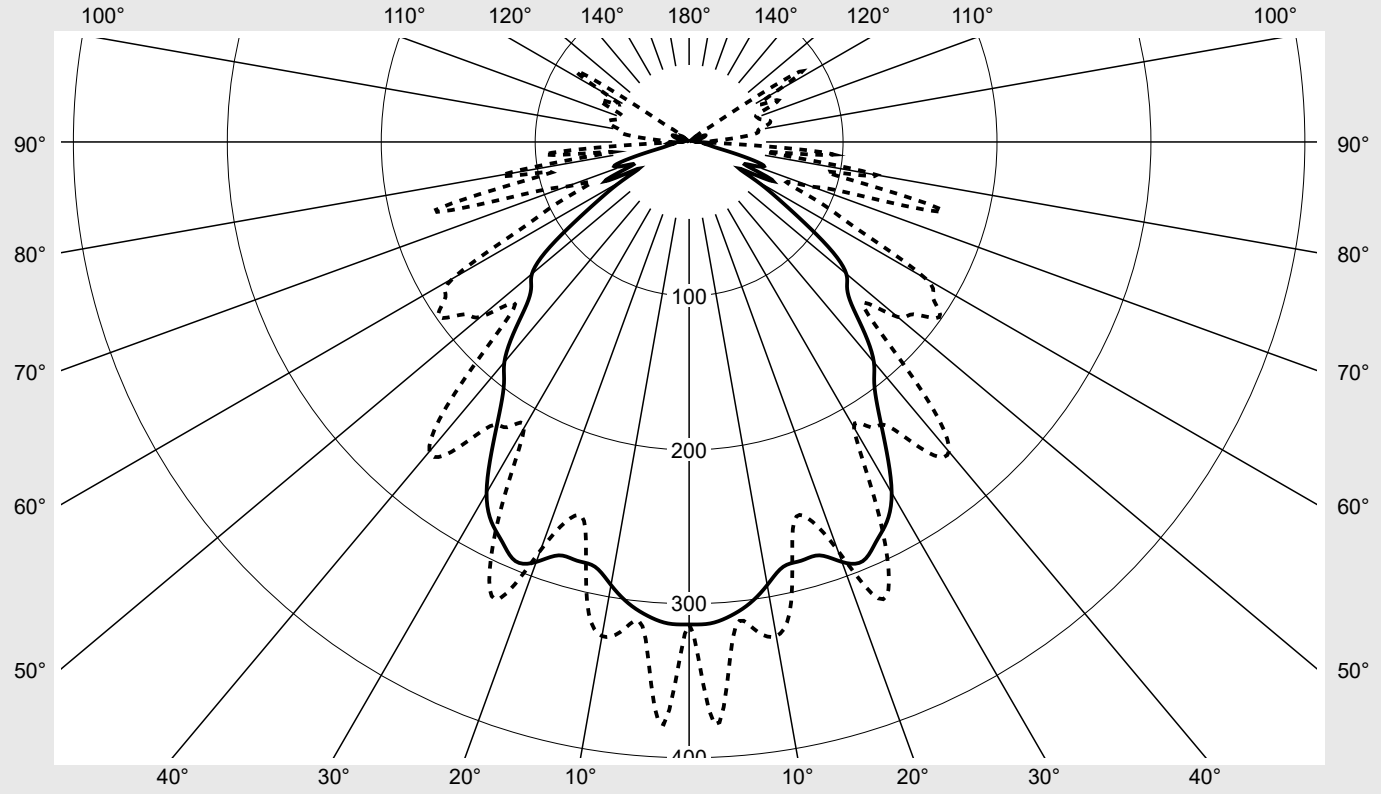
**serial documentation**
**08.07.2025**

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## Luminous intensity in cd/klm

C180-0 C270-90

**Imax: 379 cd/klm**




### Classifications

| | |
|---|---|
| DIN 5040 | B 4 1 |
| CIE | N1=46 N2=75 N3=91 N4=88 N5=100 |

### Luminaire light output ratios

| | |
|---|---|
| $\eta$LB | 100.0% |
| $\phi_u$ | 87.7% |
| $\phi_o$ | 12.3% |

### Measurement conditions

DIN EN 13032 and DIN 5032

## Photometric test report

| Family | Order number: 5SL33SCC2 | LP number |
|---|---|---|
| **Escape route lighting** | **EAN: 4069025401175** | **59814_2** |

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### Table of values for luminous intensities

Maximum luminous intensity

| C-planes | 0° 180° | 45° 135° 225° 315° | 90° 270° | Phi-zone | Total Phi-zone |
|---|---|---|---|---|---|
| γ | Luminous intensity in cd/klm | | | Luminous flux in lm/klm | |
| 0,0° | 313.4 | 313.4 | 313.4 | 0.5 | 0.5 |
| 2,5° | 313.1 | 343.0 | 378.7 | 4.1 | 4.6 |
| 5,0° | 309.0 | 353.1 | 324.1 | 8.0 | 12.6 |
| 7,5° | 302.3 | 323.2 | 318.6 | 11.3 | 23.9 |
| 10,0° | 292.3 | 305.1 | 325.9 | 14.6 | 38.5 |
| 12,5° | 282.6 | 285.1 | 306.2 | 17.2 | 55.7 |
| 15,0° | 281.6 | 288.7 | 260.3 | 19.9 | 75.6 |
| 17,5° | 281.6 | 275.9 | 256.2 | 22.5 | 98.0 |
| 20,0° | 290.3 | 254.6 | 282.3 | 25.4 | 123.4 |
| 22,5° | 294.7 | 248.3 | 320.9 | 29.2 | 152.6 |
| 25,0° | 286.9 | 242.7 | 306.5 | 31.2 | 183.8 |
| 27,5° | 278.2 | 247.9 | 260.5 | 32.7 | 216.6 |
| 30,0° | 263.2 | 243.8 | 214.3 | 33.1 | 249.6 |
| 32,5° | 238.9 | 251.9 | 219.7 | 35.4 | 285.1 |
| 35,0° | 214.8 | 258.9 | 225.3 | 37.7 | 322.7 |
| 37,5° | 197.5 | 251.5 | 253.8 | 39.8 | 362.5 |
| 40,0° | 186.7 | 232.2 | 262.5 | 40.2 | 402.8 |
| 42,5° | 169.1 | 203.9 | 233.5 | 37.5 | 440.3 |
| 45,0° | 149.2 | 180.8 | 178.1 | 33.4 | 473.7 |
| 47,5° | 139.1 | 165.7 | 154.6 | 31.6 | 505.3 |
| 50,0° | 133.3 | 167.5 | 176.8 | 33.9 | 539.1 |
| 52,5° | 117.9 | 168.8 | 183.9 | 34.8 | 573.9 |
| 55,0° | 91.3 | 164.7 | 198.4 | 34.8 | 608.6 |
| 57,5° | 68.3 | 165.2 | 187.6 | 33.9 | 642.5 |
| 60,0° | 49.9 | 165.4 | 177.2 | 33.1 | 675.7 |
| 62,5° | 37.9 | 149.5 | 125.5 | 28.1 | 703.8 |
| 65,0° | 60.3 | 140.5 | 95.7 | 27.1 | 730.9 |
| 67,5° | 40.8 | 119.4 | 68.5 | 22.0 | 752.9 |
| 70,0° | 45.4 | 70.1 | 84.8 | 17.4 | 770.4 |
| 72,5° | 50.7 | 52.2 | 113.6 | 17.6 | 787.9 |
| 75,0° | 36.4 | 41.6 | 170.2 | 19.2 | 807.1 |
| 77,5° | 20.4 | 42.0 | 91.4 | 13.1 | 820.2 |
| 80,0° | 14.2 | 91.1 | 123.7 | 21.6 | 841.8 |
| 82,5° | 11.0 | 60.2 | 50.2 | 12.3 | 854.2 |
| 85,0° | 10.2 | 56.9 | 94.2 | 14.9 | 869.1 |
| 87,5° | 13.3 | 31.6 | 27.1 | 7.1 | 876.1 |
| 90,0° | 4.5 | 7.3 | 12.6 | 2.2 | 878.3 |
| 92,5° | 5.3 | 12.2 | 15.5 | 3.1 | 881.4 |
| 95,0° | 5.6 | 30.9 | 30.8 | 6.7 | 888.1 |
| 97,5° | 4.5 | 45.9 | 44.4 | 9.6 | 897.7 |
| 100,0° | 3.0 | 49.8 | 45.8 | 10.0 | 907.7 |
| 102,5° | 3.0 | 48.9 | 52.6 | 10.3 | 918.0 |
| 105,0° | 6.0 | 47.3 | 53.7 | 10.2 | 928.2 |
| 107,5° | 9.5 | 47.4 | 48.8 | 10.0 | 938.2 |
| 110,0° | 11.0 | 51.5 | 47.0 | 10.4 | 948.5 |

## Photometric test report

| Family | Order number: 5SL33SCC2 | LP number |
|---|---|---|
| **Escape route lighting** | **EAN: 4069025401175** | **59814_2** |

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### Table of values for luminous intensities

Maximum luminous intensity

| C-planes | 0° 180° | 45° 135° 225° 315° | 90° 270° | Phi-zone | Total Phi-zone |
|---|---|---|---|---|---|
| γ | Luminous intensity in cd/klm | | | Luminous flux in lm/klm | |
| **112,5°** | 11.4 | 51.6 | 49.8 | **10.4** | **959.0** |
| **115,0°** | 8.4 | 43.5 | 63.9 | **9.9** | **968.9** |
| **117,5°** | 3.4 | 40.3 | 52.8 | **8.3** | **977.2** |
| **120,0°** | 3.8 | 29.4 | 63.5 | **7.5** | **984.7** |
| **122,5°** | 4.6 | 26.4 | 84.9 | **8.2** | **992.9** |
| **125,0°** | 3.5 | 25.0 | 27.9 | **4.6** | **997.5** |
| **127,5°** | 5.0 | 5.8 | 13.9 | **1.7** | **999.1** |
| **130,0°** | 5.3 | 3.2 | 5.1 | **0.9** | **1000.0** |
| **132,5°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **135,0°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **137,5°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **140,0°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **142,5°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **145,0°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **147,5°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **150,0°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **152,5°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **155,0°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **157,5°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **160,0°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **162,5°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **165,0°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **167,5°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **170,0°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **172,5°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **175,0°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **177,5°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |
| **180,0°** | 0.0 | 0.0 | 0.0 | **0.0** | **1000.0** |

## Photometric test report

| Family | Order number: 5SL33SCC2 | LP number |
|---|---|---|
| Escape route lighting | EAN: 4069025401175 | 59814_2 |

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### UGR-Table

Standard room

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Reflection factor of ceiling | | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Reflection factor of walls | | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reflection factor of floor | | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | View crosswise (C0) | | | | | View endwise (C90) | | | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 14.0 | 15.6 | 14.5 | 16.0 | 16.5 | 16.9 | 18.5 | 17.4 | 18.9 | 19.4 |
| | 3H | 14.9 | 16.4 | 15.4 | 16.8 | 17.4 | 18.0 | 19.4 | 18.5 | 19.9 | 20.4 |
| | 4H | 15.5 | 16.9 | 16.0 | 17.3 | 17.9 | 20.5 | 21.8 | 21.0 | 22.3 | 22.8 |
| | 6H | 15.6 | 16.8 | 16.2 | 17.4 | 18.0 | 21.9 | 23.0 | 22.5 | 23.6 | 24.2 |
| | 8H | 15.7 | 16.8 | 16.2 | 17.3 | 18.0 | 22.4 | 23.5 | 23.0 | 24.1 | 24.7 |
| | 12H | 15.7 | 16.7 | 16.3 | 17.3 | 18.0 | 23.1 | 24.1 | 23.7 | 24.7 | 25.4 |
| 4H | 2H | 15.8 | 17.1 | 16.3 | 17.6 | 18.1 | 17.7 | 19.0 | 18.2 | 19.5 | 20.0 |
| | 3H | 16.8 | 17.9 | 17.3 | 18.4 | 19.0 | 18.9 | 20.1 | 19.5 | 20.6 | 21.2 |
| | 4H | 17.2 | 18.2 | 17.8 | 18.8 | 19.4 | 21.4 | 22.4 | 21.9 | 22.9 | 23.6 |
| | 6H | 17.3 | 18.2 | 17.9 | 18.8 | 19.5 | 23.1 | 23.9 | 23.7 | 24.6 | 25.3 |
| | 8H | 17.5 | 18.3 | 18.1 | 18.9 | 19.6 | 23.7 | 24.5 | 24.3 | 25.1 | 25.8 |
| | 12H | 17.5 | 18.2 | 18.1 | 18.8 | 19.6 | 24.6 | 25.2 | 25.2 | 25.9 | 26.6 |
| 8H | 4H | 17.7 | 18.5 | 18.3 | 19.1 | 19.8 | 21.4 | 22.2 | 22.0 | 22.9 | 23.5 |
| | 6H | 18.9 | 19.6 | 19.6 | 20.3 | 21.0 | 23.8 | 24.5 | 24.4 | 25.1 | 25.8 |
| | 8H | 19.3 | 19.9 | 19.9 | 20.5 | 21.3 | 24.4 | 25.0 | 25.0 | 25.6 | 26.3 |
| | 12H | 19.3 | 19.8 | 20.0 | 20.5 | 21.3 | 25.6 | 26.1 | 26.3 | 26.7 | 27.5 |
| 12H | 4H | 18.1 | 18.8 | 18.8 | 19.5 | 20.2 | 21.4 | 22.1 | 22.0 | 22.7 | 23.5 |
| | 6H | 19.6 | 20.1 | 20.3 | 20.8 | 21.6 | 23.7 | 24.3 | 24.4 | 25.0 | 25.8 |
| | 8H | 20.1 | 20.6 | 20.8 | 21.3 | 22.1 | 24.4 | 24.9 | 25.1 | 25.6 | 26.4 |

### Luminance table

Max. for $\gamma >= 65°$

Photometric dimensions in mm: L = 295, B = 82

| C-planes | 0° 180° | 45° 135° 225° 315° | 90° 270° |
|---|---|---|---|
| γ | Luminance in cd/m² | | |
| 45,0° | 2529.3 | 3065.8 | 3019.0 |
| 50,0° | 2485.6 | 3123.1 | 3297.6 |
| 55,0° | 1907.8 | 3441.6 | 4147.2 |
| 60,0° | 1197.4 | 3966.7 | 4249.2 |
| 65,0° | 1709.5 | 3986.6 | 2713.6 |
| 70,0° | 1589.9 | 2456.4 | 2972.0 |
| 75,0° | 1687.4 | 1927.1 | 7883.6 |
| 80,0° | 983.7 | 6291.6 | 8539.1 |
| 85,0° | 1398.5 | 7823.3 | 12959.6 |

## Photometric test report

| Family | Order number: 5SL33SCC2 | LP number |
|---|---|---|
| **Escape route lighting** | **EAN: 4069025401175** | **59814_2** |

**Luminance values in cd/m²**

γ 65° γ 70° γ 75° γ 80° γ 85°

