
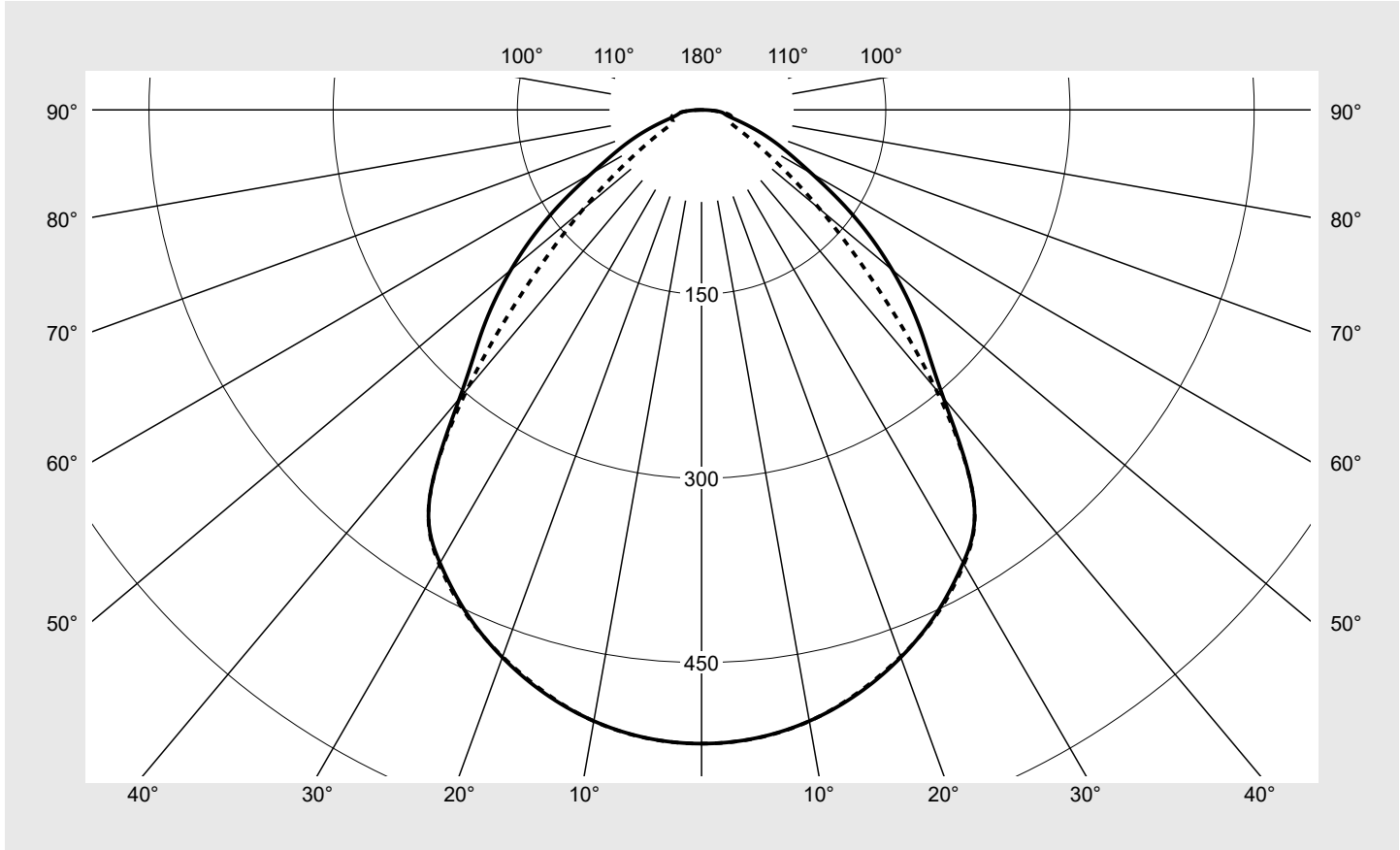


Photometric test report

| | | |
|--|---|---|
| Family Apollon® 21 | Order number: 51MQ14HM2M15 EAN: 4069025330253 | LP number 59818_175 |
|  | Version recessed luminaire for lay-in mounting, linear, wide distribution, UGR≤19, adjustable color temperature: 3000 K 4000 K | serial documentation 04.11.2025 |
| | Lamps LED 3000 K CRI ≥ 80 Controlgear ECG Multilumen Setting individual position: DIP-Step=7, colour temperature 3000K | Rated values Net luminous flux = 6750 lm Power consumption = 43.0 W Luminous efficacy = 157 lm/W |

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 516 cd/klm**



| Classifications | |
|-----------------|------------------------------------|
| DIN 5040 | A 5 0 |
| CIE | N1=66 N2=91 N3=97 N4=100 N5=100 |

| Luminaire light output ratios | |
|-------------------------------|--------|
| η_{LB} | 100.0% |
| ϕ_u | 100.0% |
| ϕ_o | 0.0% |

| Measurement conditions |
|---------------------------|
| DIN EN 13032 and DIN 5032 |

Photometric test report

| | | |
|---|--|-----------------------------------|
| Family Apollon® 21 | Order number: 51MQ14HM2M15 EAN: 4069025330253 | LP number 59818_175 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes γ | 0° 180° | 15° | 30° | 45° | 60° | 75° | 90° 270° | Phi-zone | Total Phi-zone |
|------------------------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------|-------------------------|-------------------|
| | | 165° 195° 345° | 150° 210° 330° | 135° 225° 315° | 120° 240° 300° | 105° 255° 285° | | | |
| Luminous intensity in cd/klm | | | | | | | | Luminous flux in lm/klm | |
| 0° | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 3.1 | 3.1 |
| 5° | 513.4 | 513.4 | 513.6 | 513.4 | 513.9 | 513.6 | 513.5 | 24.5 | 27.6 |
| 10° | 505.3 | 505.3 | 505.6 | 505.3 | 505.7 | 505.3 | 505.4 | 48.1 | 75.7 |
| 15° | 492.1 | 492.0 | 492.0 | 491.8 | 492.0 | 491.7 | 491.3 | 69.8 | 145.5 |
| 20° | 474.4 | 474.2 | 473.9 | 473.5 | 473.9 | 473.8 | 473.7 | 88.8 | 234.4 |
| 25° | 452.4 | 452.9 | 452.9 | 451.7 | 452.0 | 452.8 | 453.3 | 104.8 | 339.2 |
| 30° | 426.0 | 426.7 | 426.7 | 424.4 | 424.8 | 426.0 | 427.3 | 116.7 | 455.9 |
| 35° | 386.2 | 386.6 | 387.0 | 382.5 | 382.5 | 384.2 | 386.1 | 121.0 | 576.9 |
| 40° | 306.7 | 305.0 | 301.7 | 300.2 | 301.5 | 298.7 | 296.8 | 106.2 | 683.1 |
| 45° | 251.7 | 228.7 | 212.0 | 224.1 | 237.2 | 214.4 | 198.2 | 86.7 | 769.8 |
| 50° | 202.6 | 172.2 | 139.6 | 166.0 | 189.8 | 152.6 | 126.0 | 68.9 | 838.7 |
| 55° | 152.2 | 114.4 | 83.4 | 112.2 | 145.8 | 97.1 | 74.5 | 49.9 | 888.5 |
| 60° | 103.3 | 69.1 | 47.6 | 69.2 | 105.6 | 58.8 | 43.1 | 33.5 | 922.0 |
| 65° | 71.5 | 44.6 | 28.0 | 45.9 | 71.7 | 40.4 | 27.2 | 23.2 | 945.2 |
| 70° | 46.4 | 39.5 | 24.6 | 40.3 | 46.2 | 37.1 | 25.1 | 19.2 | 964.4 |
| 75° | 26.4 | 35.4 | 24.1 | 35.0 | 24.6 | 35.6 | 25.0 | 15.9 | 980.3 |
| 80° | 19.1 | 24.0 | 22.5 | 23.8 | 21.7 | 25.4 | 23.2 | 12.5 | 992.8 |
| 85° | 13.5 | 12.5 | 12.3 | 12.2 | 14.2 | 13.2 | 12.9 | 7.1 | 999.8 |
| 90° | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.3 | 0.3 | 0.2 | 1000.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |

Photometric test report

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| | | | |
|-----------|---------------|--------|--|
| UGR-Table | Standard room | siteco | |
|-----------|---------------|--------|--|

| | | | | | | | | | | | |
|------------------------------|---------------------|------|------|------|------|--------------------|------|------|------|------|------|
| 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 | 17.0 | 18.5 | 17.3 | 18.8 | 19.1 | 16.8 | 18.3 | 17.2 | 18.6 | 18.9 |
| | 3H | 17.6 | 19.0 | 18.0 | 19.3 | 19.6 | 17.2 | 18.5 | 17.5 | 18.8 | 19.2 |
| | 4H | 18.0 | 19.2 | 18.4 | 19.6 | 19.9 | 17.5 | 18.8 | 17.9 | 19.1 | 19.5 |
| | 6H | 18.3 | 19.4 | 18.7 | 19.8 | 20.2 | 18.0 | 19.1 | 18.4 | 19.5 | 19.9 |
| | 8H | 18.5 | 19.5 | 18.9 | 19.9 | 20.3 | 18.3 | 19.3 | 18.7 | 19.7 | 20.1 |
| | 12H | 18.7 | 19.6 | 19.1 | 20.0 | 20.5 | 18.4 | 19.4 | 18.9 | 19.8 | 20.2 |
| 4H | 2H | 17.2 | 18.4 | 17.6 | 18.8 | 19.2 | 17.1 | 18.3 | 17.5 | 18.7 | 19.0 |
| | 3H | 17.9 | 18.9 | 18.3 | 19.3 | 19.7 | 17.7 | 18.8 | 18.2 | 19.2 | 19.6 |
| | 4H | 18.4 | 19.3 | 18.8 | 19.7 | 20.2 | 18.2 | 19.2 | 18.7 | 19.6 | 20.0 |
| | 6H | 19.0 | 19.8 | 19.4 | 20.2 | 20.7 | 18.9 | 19.7 | 19.4 | 20.1 | 20.6 |
| | 8H | 19.2 | 19.9 | 19.7 | 20.4 | 20.9 | 19.2 | 20.0 | 19.7 | 20.4 | 20.9 |
| | 12H | 19.5 | 20.1 | 20.0 | 20.6 | 21.1 | 19.5 | 20.1 | 20.0 | 20.6 | 21.1 |
| 8H | 4H | 18.6 | 19.4 | 19.1 | 19.8 | 20.3 | 18.4 | 19.2 | 18.9 | 19.6 | 20.1 |
| | 6H | 19.3 | 19.9 | 19.8 | 20.4 | 20.9 | 19.3 | 19.9 | 19.8 | 20.3 | 20.8 |
| | 8H | 19.7 | 20.2 | 20.2 | 20.7 | 21.2 | 19.7 | 20.2 | 20.2 | 20.7 | 21.2 |
| | 12H | 20.1 | 20.5 | 20.6 | 21.0 | 21.6 | 20.1 | 20.5 | 20.6 | 21.0 | 21.6 |
| 12H | 4H | 18.7 | 19.3 | 19.2 | 19.8 | 20.3 | 18.5 | 19.1 | 19.0 | 19.6 | 20.1 |
| | 6H | 19.5 | 20.0 | 20.0 | 20.4 | 21.0 | 19.4 | 19.9 | 19.9 | 20.4 | 20.9 |
| | 8H | 19.9 | 20.3 | 20.4 | 20.8 | 21.3 | 19.9 | 20.3 | 20.4 | 20.8 | 21.3 |

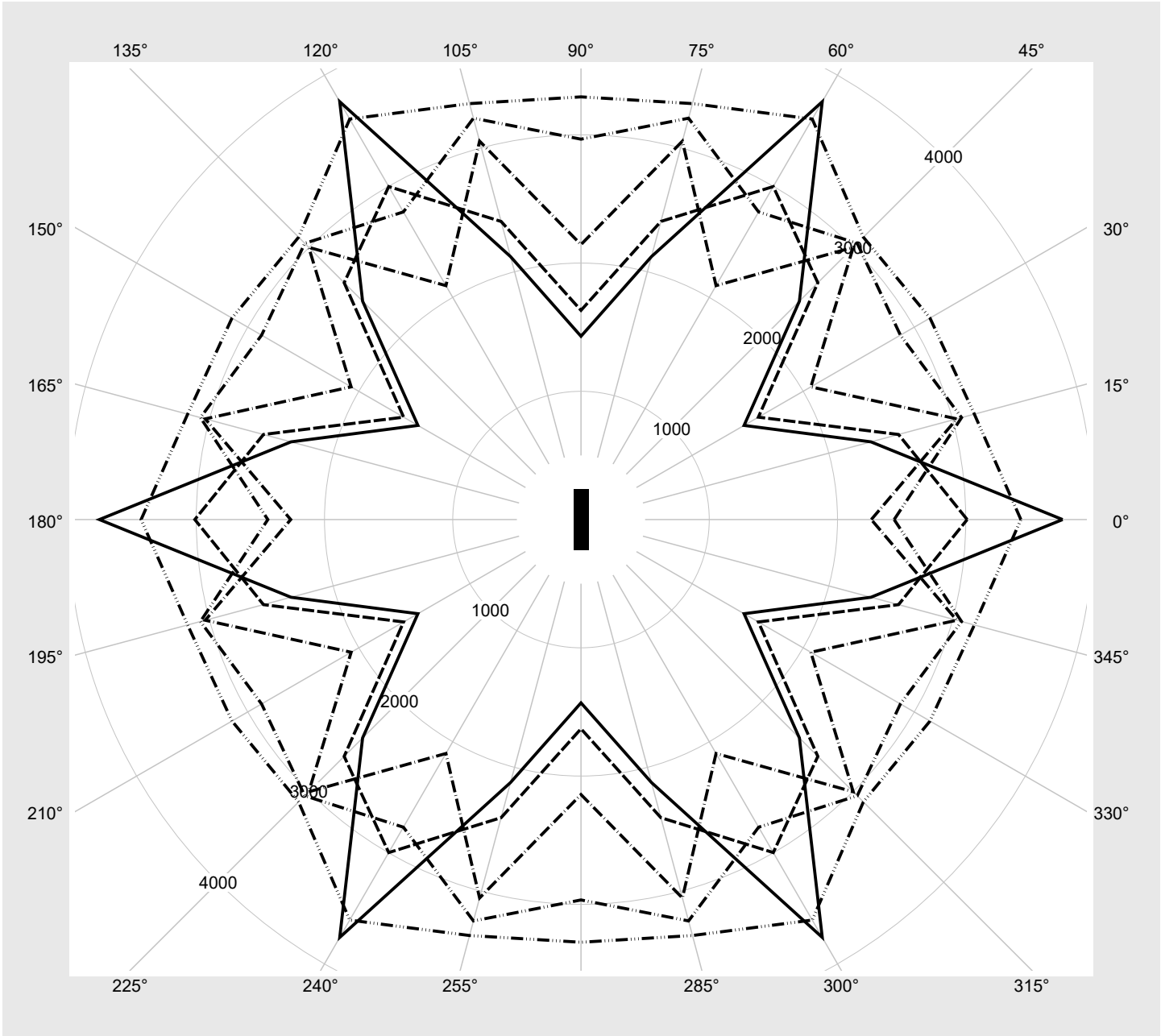
| | | | |
|-----------------|---------------------------------|-------------------------------|---------------------|
| Luminance table | Max. for $\gamma \geq 65^\circ$ | Photometric dimensions in mm: | L = 1193 B = 255 |
|-----------------|---------------------------------|-------------------------------|---------------------|

| C-planes | γ | Luminance in cd/m ² | | | | | | | |
|----------|----------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|--|
| | | 0° 180° | 15° 165° 195° 345° | 30° 150° 210° 330° | 45° 135° 225° 315° | 60° 120° 240° 300° | 75° 105° 255° 285° | 90° 270° | |
| 45° | | 7899.6 | 7175.5 | 6652.9 | 7033.3 | 7444.0 | 6728.3 | 6220.2 | |
| 50° | | 6995.1 | 5945.4 | 4817.5 | 5728.5 | 6551.2 | 5268.4 | 4350.3 | |
| 55° | | 5889.1 | 4424.9 | 3227.0 | 4340.9 | 5638.2 | 3756.6 | 2883.3 | |
| 60° | | 4582.5 | 3064.6 | 2113.6 | 3071.5 | 4684.5 | 2610.0 | 1912.5 | |
| 65° | | 3755.2 | 2340.8 | 1468.3 | 2408.3 | 3762.2 | 2122.7 | 1429.4 | |
| 70° | | 3011.1 | 2563.3 | 1597.0 | 2611.7 | 2998.5 | 2406.6 | 1631.5 | |
| 75° | | 2263.5 | 3033.4 | 2069.5 | 3001.9 | 2106.4 | 3054.9 | 2144.5 | |
| 80° | | 2441.8 | 3072.1 | 2875.8 | 3046.1 | 2770.0 | 3240.2 | 2966.2 | |
| 85° | | 3430.0 | 3175.4 | 3142.3 | 3113.8 | 3606.4 | 3357.9 | 3296.1 | |

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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



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|------------------------------|--|-------------------------------|

| | | |
|-------------------------|---------------------------------|---------------|
| Multilumen Table | environmental temperature: 25°C | sITeco |
|-------------------------|---------------------------------|---------------|

| DIP-Step | Switch Setting | | | Luminous flux [lm] | Power consumption [W] |
|----------|----------------|-----|-----|--------------------|-----------------------|
| | 1 | 2 | 3 | | |
| 7 | ON | ON | ON | 6750 | 43.0 |
| 6 | OFF | ON | ON | 6480 | 41.1 |
| 5 | ON | OFF | ON | 6210 | 39.2 |
| 4 | OFF | OFF | ON | 5930 | 37.3 |
| 3 | ON | ON | OFF | 5520 | 34.5 |
| 2 | OFF | ON | OFF | 5220 | 32.5 |
| 1 | ON | OFF | OFF | 4920 | 30.5 |
| 0 | OFF | OFF | OFF | 4610 | 28.5 |