



Lichttechnischer Prüfbefund

|                                 |                                                 |                       |
|---------------------------------|-------------------------------------------------|-----------------------|
| Familie<br>Apollon® 41          | Bestell-Nr.: 51MH11WD2M43<br>EAN: 4069025185082 | LP-Nummer<br>59525_43 |
| Wertetabelle Lichtstärkemessung |                                                 | Maximale Lichtstärke  |

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| C-<br>Ebenen | 0°<br>180°            | 15°<br>165°<br>195°<br>345° | 30°<br>150°<br>210°<br>330° | 45°<br>135°<br>225°<br>315° | 60°<br>120°<br>240°<br>300° | 75°<br>105°<br>255°<br>285° | 90°<br>270° | Phi-Zone             | Summe<br>Phi-Zone |
|--------------|-----------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|----------------------|-------------------|
| γ            | Lichtstärke in cd/klm |                             |                             |                             |                             |                             |             | Lichtstrom in lm/klm |                   |
| 0°           | 459.5                 | 459.5                       | 459.5                       | 459.5                       | 459.5                       | 459.5                       | 459.5       | 2.7                  | 2.7               |
| 5°           | 458.5                 | 458.6                       | 458.6                       | 458.5                       | 458.4                       | 458.4                       | 458.3       | 21.9                 | 24.7              |
| 10°          | 454.8                 | 454.7                       | 454.7                       | 454.6                       | 454.5                       | 454.6                       | 454.8       | 43.3                 | 67.9              |
| 15°          | 447.3                 | 447.2                       | 447.2                       | 447.1                       | 447.1                       | 447.4                       | 447.7       | 63.4                 | 131.4             |
| 20°          | 435.5                 | 435.6                       | 435.6                       | 435.5                       | 435.4                       | 435.9                       | 436.3       | 81.7                 | 213.1             |
| 25°          | 418.3                 | 418.2                       | 418.1                       | 417.9                       | 417.9                       | 418.8                       | 419.8       | 96.9                 | 310.0             |
| 30°          | 393.9                 | 392.9                       | 392.0                       | 391.8                       | 391.7                       | 394.0                       | 396.2       | 107.7                | 417.6             |
| 35°          | 359.0                 | 358.1                       | 357.3                       | 357.0                       | 356.7                       | 359.8                       | 362.9       | 112.7                | 530.3             |
| 40°          | 307.0                 | 305.1                       | 303.5                       | 302.7                       | 302.0                       | 308.1                       | 314.2       | 107.6                | 637.9             |
| 45°          | 209.9                 | 219.5                       | 229.2                       | 228.5                       | 227.9                       | 223.6                       | 219.4       | 86.8                 | 724.7             |
| 50°          | 121.1                 | 152.8                       | 184.6                       | 184.6                       | 184.5                       | 154.4                       | 124.3       | 68.8                 | 793.5             |
| 55°          | 85.1                  | 114.1                       | 143.1                       | 142.6                       | 142.1                       | 114.1                       | 86.2        | 55.5                 | 849.0             |
| 60°          | 67.2                  | 85.5                        | 103.9                       | 103.9                       | 103.9                       | 85.2                        | 66.6        | 43.5                 | 892.4             |
| 65°          | 60.3                  | 67.1                        | 74.0                        | 73.7                        | 73.5                        | 66.6                        | 59.7        | 34.4                 | 926.8             |
| 70°          | 49.9                  | 54.2                        | 58.5                        | 57.8                        | 57.2                        | 53.7                        | 50.2        | 28.4                 | 955.2             |
| 75°          | 35.1                  | 40.7                        | 46.3                        | 45.7                        | 45.1                        | 40.2                        | 35.4        | 22.4                 | 977.6             |
| 80°          | 24.2                  | 25.1                        | 26.1                        | 25.6                        | 25.0                        | 24.9                        | 24.7        | 13.6                 | 991.2             |
| 85°          | 13.0                  | 14.1                        | 15.3                        | 15.2                        | 15.1                        | 14.0                        | 12.9        | 7.9                  | 999.1             |
| 90°          | 1.4                   | 1.6                         | 1.9                         | 1.8                         | 1.8                         | 1.5                         | 1.2         | 0.9                  | 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            |

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|                        |     |                                                 |      |      |      |      |                                       |      |                       |      |
|------------------------|-----|-------------------------------------------------|------|------|------|------|---------------------------------------|------|-----------------------|------|
| Familie<br>Apollon® 41 |     | Bestell-Nr.: 51MH11WD2M43<br>EAN: 4069025185082 |      |      |      |      |                                       |      | LP-Nummer<br>59525_43 |      |
| UGR-Tabelle            |     | Standardraum                                    |      |      |      |      |                                       |      | siteco                |      |
| Reflexionsgrad Decke   |     | 0,7                                             | 0,7  | 0,5  | 0,5  | 0,3  | 0,7                                   | 0,7  | 0,5                   | 0,5  |
| Reflexionsgrad Wände   |     | 0,5                                             | 0,3  | 0,5  | 0,3  | 0,3  | 0,5                                   | 0,3  | 0,5                   | 0,3  |
| Reflexionsgrad Boden   |     | 0,2                                             | 0,2  | 0,2  | 0,2  | 0,2  | 0,2                                   | 0,2  | 0,2                   | 0,2  |
| Raumabmessungen        |     | Blickrichtung quer zur Leuchte (C0)             |      |      |      |      | Blickrichtung längs zur Leuchte (C90) |      |                       |      |
| x                      | y   |                                                 |      |      |      |      |                                       |      |                       |      |
| 2H                     | 2H  | 14,8                                            | 16,4 | 15,2 | 16,7 | 17,0 | 14,8                                  | 16,4 | 15,2                  | 16,7 |
|                        | 3H  | 15,7                                            | 17,1 | 16,1 | 17,5 | 17,8 | 15,7                                  | 17,1 | 16,1                  | 17,5 |
|                        | 4H  | 16,2                                            | 17,5 | 16,6 | 17,9 | 18,2 | 16,2                                  | 17,5 | 16,6                  | 17,9 |
|                        | 6H  | 16,6                                            | 17,8 | 17,0 | 18,2 | 18,5 | 16,6                                  | 17,8 | 17,0                  | 18,2 |
|                        | 8H  | 16,8                                            | 17,9 | 17,2 | 18,3 | 18,7 | 16,8                                  | 17,9 | 17,2                  | 18,3 |
|                        | 12H | 16,9                                            | 18,0 | 17,4 | 18,4 | 18,8 | 17,0                                  | 18,0 | 17,4                  | 18,4 |
| 4H                     | 2H  | 15,4                                            | 16,7 | 15,8 | 17,0 | 17,4 | 15,4                                  | 16,7 | 15,8                  | 17,0 |
|                        | 3H  | 16,6                                            | 17,7 | 17,0 | 18,1 | 18,5 | 16,6                                  | 17,7 | 17,0                  | 18,0 |
|                        | 4H  | 17,2                                            | 18,2 | 17,7 | 18,6 | 19,0 | 17,2                                  | 18,2 | 17,6                  | 18,6 |
|                        | 6H  | 17,7                                            | 18,6 | 18,2 | 19,0 | 19,5 | 17,7                                  | 18,6 | 18,2                  | 19,0 |
|                        | 8H  | 18,0                                            | 18,7 | 18,4 | 19,2 | 19,7 | 17,9                                  | 18,7 | 18,4                  | 19,2 |
|                        | 12H | 18,2                                            | 18,8 | 18,7 | 19,3 | 19,8 | 18,1                                  | 18,8 | 18,6                  | 19,3 |
| 8H                     | 4H  | 17,6                                            | 18,3 | 18,0 | 18,8 | 19,3 | 17,5                                  | 18,3 | 18,0                  | 18,8 |
|                        | 6H  | 18,2                                            | 18,9 | 18,7 | 19,3 | 19,8 | 18,2                                  | 18,8 | 18,7                  | 19,3 |
|                        | 8H  | 18,5                                            | 19,1 | 19,0 | 19,6 | 20,1 | 18,5                                  | 19,1 | 19,0                  | 19,5 |
|                        | 12H | 18,8                                            | 19,3 | 19,3 | 19,8 | 20,3 | 18,8                                  | 19,3 | 19,3                  | 19,8 |
| 12H                    | 4H  | 17,6                                            | 18,3 | 18,1 | 18,7 | 19,2 | 17,6                                  | 18,3 | 18,1                  | 18,7 |
|                        | 6H  | 18,3                                            | 18,8 | 18,8 | 19,3 | 19,9 | 18,3                                  | 18,8 | 18,8                  | 19,3 |
|                        | 8H  | 18,7                                            | 19,1 | 19,2 | 19,6 | 20,2 | 18,6                                  | 19,1 | 19,1                  | 19,6 |

| Leuchtdichten-Tabelle |                       | Max. für $\gamma \geq 65^\circ$ |                             | Lichttechnische<br>Abmessungen in mm: |                             | L = 555<br>B = 555          |             |
|-----------------------|-----------------------|---------------------------------|-----------------------------|---------------------------------------|-----------------------------|-----------------------------|-------------|
| C-<br>Ebenen          | 0°<br>180°            | 15°<br>165°<br>195°<br>345°     | 30°<br>150°<br>210°<br>330° | 45°<br>135°<br>225°<br>315°           | 60°<br>120°<br>240°<br>300° | 75°<br>105°<br>255°<br>285° | 90°<br>270° |
| $\gamma$              | Leuchtdichte in cd/m² |                                 |                             |                                       |                             |                             |             |
| 45°                   | 3373.2                | 3527.9                          | 3682.6                      | 3672.3                                | 3662.0                      | 3593.7                      | 3525.5      |
| 50°                   | 2139.9                | 2701.9                          | 3263.9                      | 3263.0                                | 3262.1                      | 2729.8                      | 2197.5      |
| 55°                   | 1684.9                | 2259.6                          | 2834.3                      | 2824.5                                | 2814.7                      | 2260.8                      | 1706.8      |
| 60°                   | 1526.5                | 1943.5                          | 2360.5                      | 2360.5                                | 2360.5                      | 1936.8                      | 1513.0      |
| 65°                   | 1621.2                | 1804.8                          | 1988.4                      | 1982.7                                | 1977.0                      | 1791.1                      | 1605.3      |
| 70°                   | 1656.5                | 1799.7                          | 1942.9                      | 1921.1                                | 1899.3                      | 1782.8                      | 1666.4      |
| 75°                   | 1541.8                | 1788.1                          | 2034.3                      | 2006.8                                | 1979.2                      | 1766.2                      | 1553.1      |
| 80°                   | 1580.3                | 1643.0                          | 1705.6                      | 1672.1                                | 1638.4                      | 1628.7                      | 1619.1      |
| 85°                   | 1691.5                | 1843.3                          | 1995.2                      | 1983.6                                | 1972.0                      | 1829.1                      | 1686.2      |

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|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------|
| <b>Familie</b><br><b>Apollon® 41</b>                                                                                            | <b>Bestell-Nr.: 51MH11WD2M43</b><br><b>EAN: 4069025185082</b> | <b>LP-Nummer</b><br><b>59525_43</b> |
| <b>Leuchtdichten in cd/m²</b> <div> <div>γ 65°</div> <div>γ 70°</div> <div>γ 75°</div> <div>γ 80°</div> <div>γ 85°</div> </div> |                                                               | <div>siteco</div>                   |

