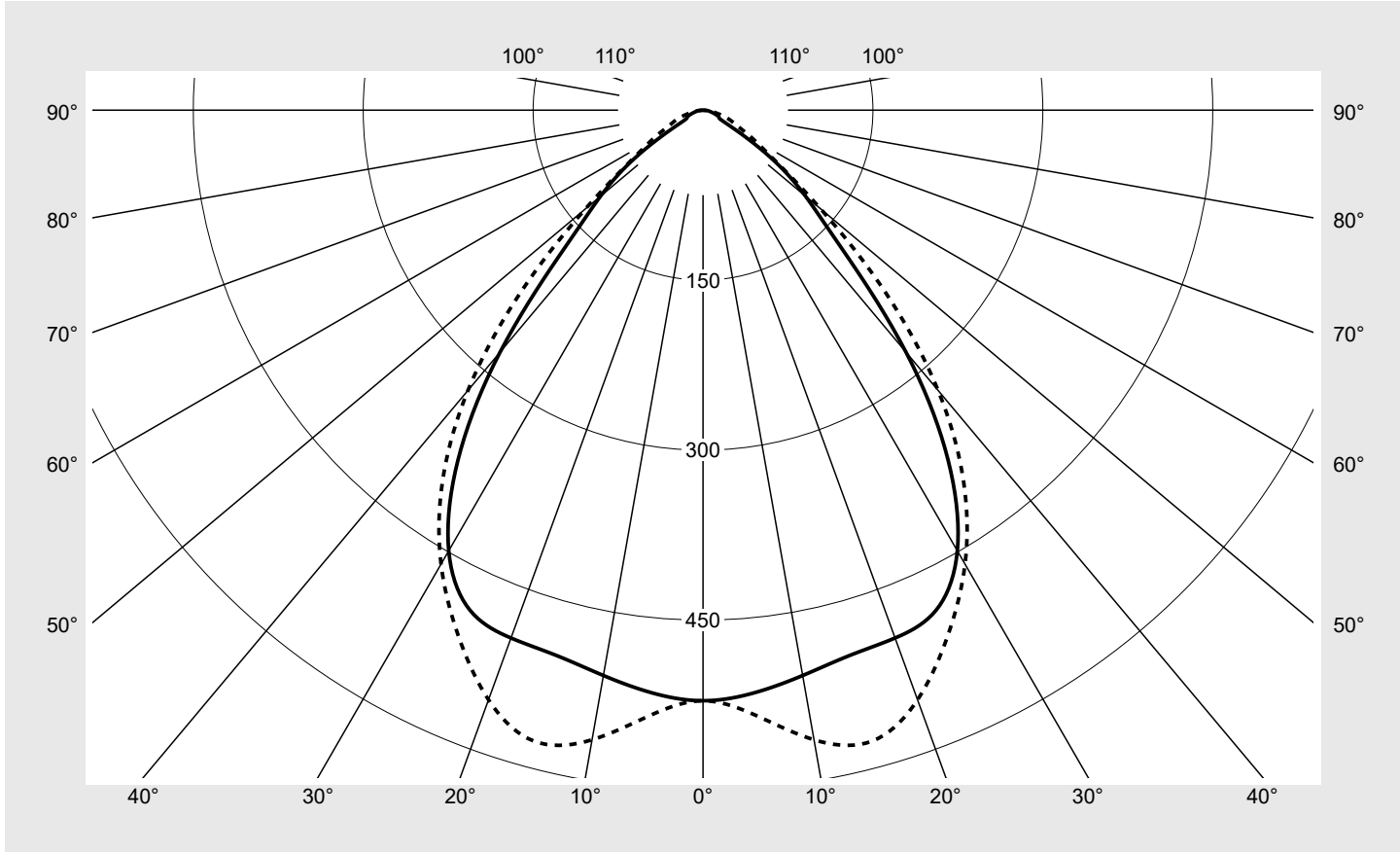


# Photometric test report

|                                |  |  |
|--------------------------------|--|--|
| <b>Family</b><br><b>Taris®</b> | <b>Order number: 5MT217704WD</b><br><b>EAN: 4058352219218</b>  | <b>LP number</b><br><b>59089_3</b>               |
|                                | <b>Version</b> surface-mounted luminaire, Combined lens and reflector optics, direct distribution, UGR≤19 (L65≤3000cd/m²)<br><b>Lamps</b> LED 4000 K   CRI ≥ 80<br><b>Controlgear</b> ECG<br><b>Rated values</b> Net luminous flux = 6140 lm<br>Power consumption = 37.0 W<br>Luminous efficacy = 165.9 lm/W | <b>serial documentation</b><br><b>16.11.2020</b> |



Luminous intensity in cd/klm C180-0 C270-90 **Imax: 576 cd/klm**



| Classifications |                                    |
|-----------------|------------------------------------|
| DIN 5040        | A 6 0                              |
| CIE             | N1=73 N2=96 N3=99<br>N4=100 N5=100 |

| Luminaire light output ratios |        |
|-------------------------------|--------|
| $\eta_{LB}$                   | 100.0% |
| $\phi_u$                      | 100.0% |
| $\phi_o$                      | 0.0%   |

**Measurement conditions**  
DIN EN 13032 and DIN 5032

## Photometric test report

|   |   |                                   |
|---|---|-----------------------------------|
| Family<br><b>Taris®</b>                         | Order number: <b>5MT217704WD</b><br>EAN: <b>4058352219218</b> | LP number<br><b>59089_3</b>       |
| <b>Table of values for luminous intensities</b> |   | <b>Maximum luminous intensity</b> |
|   |   | <b>siteco</b>                     |

| C-planes<br>$\gamma$         | 0°<br>180° | 15°                  | 30°                  | 45°                  | 60°                  | 75°                  | 90°<br>270° | Phi-zone                | Total<br>Phi-zone |
|------------------------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------|-------------------------|-------------------|
|                              |            | 165°<br>195°<br>345° | 150°<br>210°<br>330° | 135°<br>225°<br>315° | 120°<br>240°<br>300° | 105°<br>255°<br>285° |             |                         |                   |
| Luminous intensity in cd/klm |            |                      |                      |                      |                      |                      |             | Luminous flux in lm/klm |                   |
| 0°                           | 521.2      | 521.2                | 521.2                | 521.2                | 521.2                | 521.2                | 521.2       | 3.1                     | 3.1               |
| 5°                           | 516.2      | 520.4                | 520.0                | 524.1                | 529.0                | 533.4                | 536.2       | 25.1                    | 28.2              |
| 10°                          | 506.6      | 516.1                | 523.7                | 537.3                | 550.1                | 559.9                | 564.2       | 51.1                    | 79.3              |
| 15°                          | 498.4      | 514.0                | 530.9                | 551.4                | 565.0                | 572.8                | 576.5       | 77.4                    | 156.7             |
| 20°                          | 495.7      | 516.7                | 537.7                | 551.9                | 554.1                | 552.5                | 553.7       | 101.2                   | 257.9             |
| 25°                          | 486.9      | 512.1                | 535.4                | 531.1                | 517.5                | 511.1                | 511.5       | 119.9                   | 377.8             |
| 30°                          | 449.0      | 484.3                | 508.7                | 492.8                | 472.6                | 463.2                | 462.6       | 131.4                   | 509.2             |
| 35°                          | 377.3      | 415.8                | 446.9                | 441.5                | 421.8                | 403.6                | 401.3       | 132.0                   | 641.2             |
| 40°                          | 278.7      | 308.7                | 347.1                | 370.8                | 352.4                | 328.2                | 322.9       | 117.9                   | 759.1             |
| 45°                          | 174.6      | 195.2                | 230.9                | 272.4                | 262.3                | 235.2                | 228.4       | 90.3                    | 849.4             |
| 50°                          | 118.1      | 127.7                | 135.2                | 168.4                | 160.6                | 139.5                | 135.4       | 60.1                    | 909.5             |
| 55°                          | 72.5       | 79.8                 | 88.9                 | 92.6                 | 82.0                 | 78.0                 | 77.7        | 37.2                    | 946.6             |
| 60°                          | 25.2       | 27.4                 | 41.1                 | 57.6                 | 48.9                 | 51.3                 | 51.4        | 20.9                    | 967.5             |
| 65°                          | 15.7       | 15.5                 | 17.0                 | 29.2                 | 32.4                 | 33.9                 | 34.1        | 12.7                    | 980.2             |
| 70°                          | 12.9       | 12.7                 | 12.0                 | 12.3                 | 22.4                 | 24.9                 | 25.4        | 8.9                     | 989.1             |
| 75°                          | 8.8        | 8.7                  | 8.3                  | 8.9                  | 9.8                  | 17.2                 | 16.4        | 5.8                     | 994.9             |
| 80°                          | 6.0        | 5.8                  | 5.4                  | 5.2                  | 5.9                  | 9.3                  | 8.9         | 3.5                     | 998.4             |
| 85°                          | 3.3        | 3.2                  | 3.0                  | 2.7                  | 2.7                  | 3.1                  | 3.0         | 1.6                     | 1000.0            |
| 90°                          | 0.0        | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0         | 0.0                     | 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

|                         |   |                             |
|-------------------------|---|-----------------------------|
| Family<br><b>Taris®</b> | Order number: <b>5MT217704WD</b><br>EAN: <b>4058352219218</b> | LP number<br><b>59089_3</b> |
|-------------------------|---|-----------------------------|

|                  |                      |               |
|------------------|----------------------|---------------|
| <b>UGR-Table</b> | <b>Standard room</b> | <b>siteco</b> |
|------------------|----------------------|---------------|

|                              |                     |      |      |      |      |                    |      |      |      |      |      |
|------------------------------|---------------------|------|------|------|------|--------------------|------|------|------|------|------|
| 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                  | 17.7 | 19.1 | 18.1 | 19.4 | 19.7               | 18.3 | 19.7 | 18.6 | 20.0 | 20.3 |
|                              | 3H                  | 17.7 | 18.9 | 18.1 | 19.3 | 19.6               | 18.5 | 19.8 | 18.9 | 20.1 | 20.5 |
|                              | 4H                  | 17.7 | 18.8 | 18.1 | 19.2 | 19.6               | 18.6 | 19.8 | 19.0 | 20.1 | 20.5 |
|                              | 6H                  | 17.7 | 18.7 | 18.1 | 19.1 | 19.5               | 18.7 | 19.8 | 19.1 | 20.1 | 20.5 |
|                              | 8H                  | 17.7 | 18.7 | 18.1 | 19.1 | 19.5               | 18.8 | 19.7 | 19.2 | 20.1 | 20.5 |
|                              | 12H                 | 17.7 | 18.6 | 18.2 | 19.0 | 19.4               | 18.8 | 19.6 | 19.2 | 20.0 | 20.5 |
| 4H                           | 2H                  | 17.8 | 18.9 | 18.2 | 19.3 | 19.6               | 18.3 | 19.5 | 18.7 | 19.8 | 20.2 |
|                              | 3H                  | 17.8 | 18.7 | 18.2 | 19.1 | 19.5               | 18.6 | 19.6 | 19.0 | 20.0 | 20.4 |
|                              | 4H                  | 17.8 | 18.6 | 18.2 | 19.0 | 19.5               | 18.8 | 19.6 | 19.2 | 20.0 | 20.5 |
|                              | 6H                  | 17.8 | 18.5 | 18.2 | 19.0 | 19.4               | 18.9 | 19.6 | 19.4 | 20.1 | 20.5 |
|                              | 8H                  | 17.8 | 18.5 | 18.3 | 18.9 | 19.4               | 18.9 | 19.6 | 19.4 | 20.0 | 20.5 |
|                              | 12H                 | 17.8 | 18.4 | 18.3 | 18.9 | 19.4               | 19.0 | 19.5 | 19.5 | 20.0 | 20.5 |
| 8H                           | 4H                  | 17.7 | 18.4 | 18.2 | 18.8 | 19.3               | 18.7 | 19.4 | 19.2 | 19.8 | 20.3 |
|                              | 6H                  | 17.8 | 18.3 | 18.3 | 18.8 | 19.3               | 18.8 | 19.4 | 19.3 | 19.9 | 20.4 |
|                              | 8H                  | 17.8 | 18.3 | 18.3 | 18.8 | 19.3               | 18.9 | 19.4 | 19.4 | 19.9 | 20.4 |
|                              | 12H                 | 17.8 | 18.2 | 18.4 | 18.7 | 19.3               | 18.9 | 19.3 | 19.5 | 19.8 | 20.4 |
| 12H                          | 4H                  | 17.7 | 18.3 | 18.2 | 18.8 | 19.2               | 18.7 | 19.3 | 19.2 | 19.7 | 20.2 |
|                              | 6H                  | 17.8 | 18.2 | 18.3 | 18.7 | 19.2               | 18.8 | 19.3 | 19.3 | 19.8 | 20.3 |
|                              | 8H                  | 17.8 | 18.2 | 18.3 | 18.7 | 19.2               | 18.9 | 19.3 | 19.4 | 19.8 | 20.3 |

|                        |   |                                      |                                   |
|------------------------|---|--------------------------------------|-----------------------------------|
| <b>Luminance table</b> | <b>Max. for <math>\gamma \geq 65^\circ</math></b> | <b>Photometric dimensions in mm:</b> | <b>L = 1487</b><br><b>B = 111</b> |
|------------------------|---|--------------------------------------|-----------------------------------|

| C-planes | $\gamma$ | Luminance in cd/m <sup>2</sup> |                             |                             |                             |                             |                             |             |  |
|----------|----------|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|--|
|          |          | 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° |  |
| 45°      |          | 9184.1                         | 10266.7                     | 12147.6                     | 14328.8                     | 13798.8                     | 12375.1                     | 12013.4     |  |
| 50°      |          | 6834.9                         | 7390.6                      | 7822.8                      | 9745.3                      | 9294.9                      | 8071.4                      | 7836.3      |  |
| 55°      |          | 4700.4                         | 5177.4                      | 5766.5                      | 6006.3                      | 5321.3                      | 5057.7                      | 5038.1      |  |
| 60°      |          | 1877.1                         | 2039.3                      | 3054.4                      | 4282.8                      | 3640.8                      | 3817.0                      | 3820.6      |  |
| 65°      |          | 1377.5                         | 1367.7                      | 1499.7                      | 2571.4                      | 2856.0                      | 2984.4                      | 2998.3      |  |
| 70°      |          | 1403.2                         | 1386.3                      | 1304.8                      | 1336.5                      | 2434.9                      | 2706.6                      | 2760.1      |  |
| 75°      |          | 1266.5                         | 1244.5                      | 1198.7                      | 1279.5                      | 1413.0                      | 2465.1                      | 2360.0      |  |
| 80°      |          | 1278.0                         | 1244.6                      | 1165.2                      | 1106.7                      | 1265.8                      | 1998.7                      | 1896.9      |  |
| 85°      |          | 1394.8                         | 1345.3                      | 1260.4                      | 1153.7                      | 1155.0                      | 1310.3                      | 1295.4      |  |

**Photometric test report**

|                         |   |                             |
|-------------------------|---|-----------------------------|
| Family<br><b>Taris®</b> | Order number: <b>5MT217704WD</b><br>EAN: <b>4058352219218</b> | LP number<br><b>59089_3</b> |
|-------------------------|---|-----------------------------|

Luminance values in cd/m<sup>2</sup>     γ 65°   γ 70°   γ 75°   γ 80°   γ 85°     **siteco**

