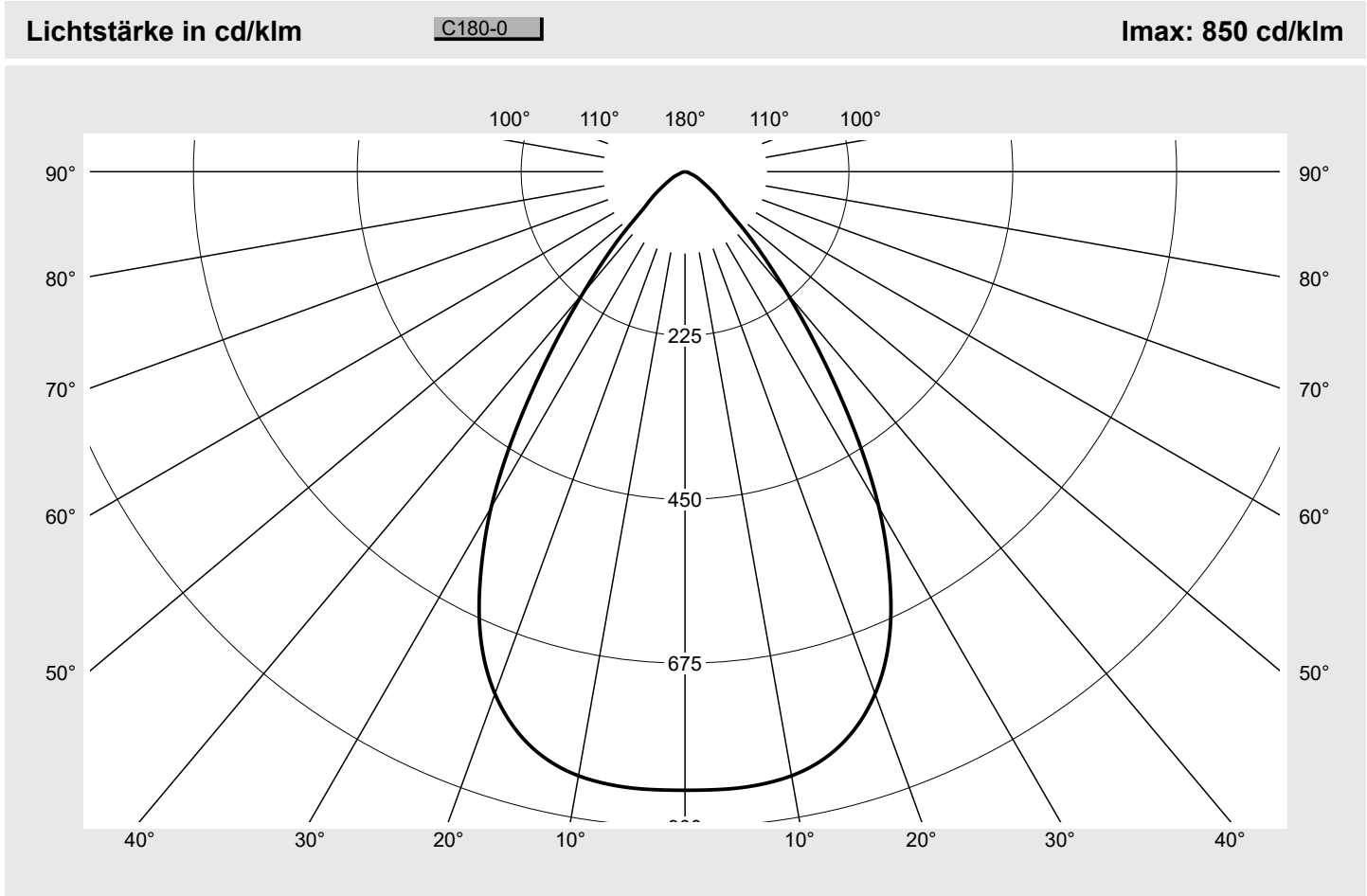


# Lichttechnischer Prüfbefund

|                                                                                   |                                                                |                                                                                                                       |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Familie</b><br><b>Lunis 21 L</b>                                               | <b>Bestell-Nr.: 51DB63MD13B1D</b><br><b>EAN: 4069025644480</b> | <b>LP-Nummer</b><br><b>59848_54</b>                                                                                   |
|  | <b>Ausführung</b>                                              | Einbauleuchte, Kombinierte Linsen und Reflektor Optik, Reflektor, weiß, rotationssymmetrisch, breit strahlend, UGR≤22 |
|                                                                                   | <b>Bestückung</b>                                              | LED 3000 K   CRI ≥ 90                                                                                                 |
|                                                                                   | <b>Betriebsgerät</b>                                           | EVG-Multilumen                                                                                                        |
|                                                                                   | <b>Einstellung</b>                                             | Werkseinstellung: DIP-Stufe=0                                                                                         |
|                                                                                   | <b>Bemessungswerte</b>                                         | Nettolichtstrom = 2130 lm<br>Systemleistung = 13.3 W<br>Lichtausbeute = 160.2 lm/W                                    |
|                                                                                   |                                                                | <b>Seriendokumentation</b><br><b>25.03.2026</b>                                                                       |
|                                                                                   |                                                                | <b>siteco</b>                                                                                                         |

siteco



|                   |                    |                               |        |
|-------------------|--------------------|-------------------------------|--------|
| Klassifizierungen |                    | Leuchtenbetriebswirkungsgrade |        |
| DIN 5040          | A 6 0              | $\eta_{LB}$                   | 100,0% |
| CIE               | N1=86 N2=98 N3=100 | $\phi_u$                      | 100,0% |
|                   | N4=100 N5=100      | $\phi_o$                      | 0,0%   |

|                           |
|---------------------------|
| Messbedingungen           |
| DIN EN 13032 und DIN 5032 |

Lichttechnischer Prüfbefund

|                                                                            |                                                                     |                                          |
|----------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------|
| <div>Familie</div> <div>Lunis 21 L</div>                                   | <div>Bestell-Nr.: 51DB63MD13B1D</div> <div>EAN: 4069025644480</div> | <div>LP-Nummer</div> <div>59848_54</div> |
| <div>Wertetabelle Lichtstärkemessung</div> <div>Maximale Lichtstärke</div> |                                                                     | <div>siteco</div>                        |

| C-<br>Ebenen | 0°                    | Phi-Zone             | Summe<br>Phi-Zone |
|--------------|-----------------------|----------------------|-------------------|
| γ            | Lichtstärke in cd/klm | Lichtstrom in lm/klm |                   |
| 0,0°         | 849.5                 | 1.3                  | 1.3               |
| 2,5°         | 849.7                 | 10.2                 | 11.4              |
| 5,0°         | 849.5                 | 20.3                 | 31.7              |
| 7,5°         | 847.3                 | 30.3                 | 62.0              |
| 10,0°        | 842.4                 | 40.1                 | 102.2             |
| 12,5°        | 832.9                 | 49.4                 | 151.6             |
| 15,0°        | 817.3                 | 58.0                 | 209.6             |
| 17,5°        | 794.3                 | 65.5                 | 275.0             |
| 20,0°        | 763.1                 | 71.5                 | 346.6             |
| 22,5°        | 722.1                 | 75.8                 | 422.3             |
| 25,0°        | 669.0                 | 77.5                 | 499.8             |
| 27,5°        | 604.0                 | 76.5                 | 576.3             |
| 30,0°        | 532.4                 | 73.0                 | 649.3             |
| 32,5°        | 449.1                 | 66.2                 | 715.4             |
| 35,0°        | 363.3                 | 57.1                 | 772.5             |
| 37,5°        | 285.4                 | 47.6                 | 820.2             |
| 40,0°        | 218.5                 | 38.5                 | 858.7             |
| 42,5°        | 164.9                 | 30.5                 | 889.2             |
| 45,0°        | 121.4                 | 23.5                 | 912.7             |
| 47,5°        | 84.5                  | 17.1                 | 929.8             |
| 50,0°        | 66.1                  | 13.9                 | 943.7             |
| 52,5°        | 54.1                  | 11.8                 | 955.4             |
| 55,0°        | 42.5                  | 9.6                  | 965.0             |
| 57,5°        | 33.1                  | 7.7                  | 972.7             |
| 60,0°        | 26.3                  | 6.2                  | 978.9             |
| 62,5°        | 21.5                  | 5.2                  | 984.1             |
| 65,0°        | 17.3                  | 4.3                  | 988.4             |
| 67,5°        | 11.8                  | 3.0                  | 991.4             |
| 70,0°        | 7.4                   | 1.9                  | 993.3             |
| 72,5°        | 6.2                   | 1.6                  | 995.0             |
| 75,0°        | 5.3                   | 1.4                  | 996.4             |
| 77,5°        | 4.4                   | 1.2                  | 997.6             |
| 80,0°        | 3.6                   | 1.0                  | 998.5             |
| 82,5°        | 2.7                   | 0.7                  | 999.3             |
| 85,0°        | 1.8                   | 0.5                  | 999.8             |
| 87,5°        | 0.9                   | 0.2                  | 1000.0            |
| 90,0°        | 0.0                   | 0.0                  | 1000.0            |

Lichttechnischer Prüfbefund

|                       |     |                                                  |      |      |      |      |                                       |      |                       |      |
|-----------------------|-----|--------------------------------------------------|------|------|------|------|---------------------------------------|------|-----------------------|------|
| Familie<br>Lunis 21 L |     | Bestell-Nr.: 51DB63MD13B1D<br>EAN: 4069025644480 |      |      |      |      |                                       |      | LP-Nummer<br>59848_54 |      |
| 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  | 20,0                                             | 21,3 | 20,4 | 21,6 | 21,9 | 20,0                                  | 21,3 | 20,4                  | 21,6 |
|                       | 3H  | 20,0                                             | 21,1 | 20,4 | 21,5 | 21,8 | 20,0                                  | 21,1 | 20,4                  | 21,5 |
|                       | 4H  | 20,0                                             | 21,0 | 20,4 | 21,4 | 21,8 | 20,0                                  | 21,0 | 20,4                  | 21,4 |
|                       | 6H  | 20,0                                             | 20,9 | 20,4 | 21,3 | 21,7 | 20,0                                  | 20,9 | 20,4                  | 21,3 |
|                       | 8H  | 20,1                                             | 20,9 | 20,5 | 21,2 | 21,6 | 20,1                                  | 20,9 | 20,5                  | 21,2 |
|                       | 12H | 20,1                                             | 20,8 | 20,5 | 21,2 | 21,6 | 20,1                                  | 20,8 | 20,5                  | 21,2 |
| 4H                    | 2H  | 20,0                                             | 21,0 | 20,4 | 21,3 | 21,7 | 20,0                                  | 21,0 | 20,4                  | 21,3 |
|                       | 3H  | 20,0                                             | 20,8 | 20,4 | 21,2 | 21,6 | 20,0                                  | 20,8 | 20,4                  | 21,2 |
|                       | 4H  | 20,0                                             | 20,7 | 20,4 | 21,1 | 21,6 | 20,0                                  | 20,7 | 20,4                  | 21,1 |
|                       | 6H  | 20,0                                             | 20,6 | 20,4 | 21,0 | 21,5 | 20,0                                  | 20,6 | 20,4                  | 21,0 |
|                       | 8H  | 20,0                                             | 20,5 | 20,4 | 21,0 | 21,5 | 20,0                                  | 20,5 | 20,4                  | 21,0 |
|                       | 12H | 20,0                                             | 20,5 | 20,5 | 20,9 | 21,4 | 20,0                                  | 20,5 | 20,5                  | 20,9 |
| 8H                    | 4H  | 19,9                                             | 20,5 | 20,4 | 20,9 | 21,4 | 19,9                                  | 20,5 | 20,4                  | 20,9 |
|                       | 6H  | 19,9                                             | 20,4 | 20,4 | 20,8 | 21,3 | 19,9                                  | 20,4 | 20,4                  | 20,8 |
|                       | 8H  | 19,9                                             | 20,3 | 20,4 | 20,8 | 21,3 | 19,9                                  | 20,3 | 20,4                  | 20,8 |
|                       | 12H | 19,9                                             | 20,3 | 20,5 | 20,8 | 21,3 | 19,9                                  | 20,3 | 20,5                  | 20,8 |
| 12H                   | 4H  | 19,9                                             | 20,4 | 20,4 | 20,8 | 21,3 | 19,9                                  | 20,4 | 20,4                  | 20,8 |
|                       | 6H  | 19,9                                             | 20,3 | 20,4 | 20,8 | 21,3 | 19,9                                  | 20,3 | 20,4                  | 20,8 |
|                       | 8H  | 19,9                                             | 20,2 | 20,4 | 20,7 | 21,3 | 19,9                                  | 20,2 | 20,4                  | 20,7 |

|                       |                       |                                 |                                               |
|-----------------------|-----------------------|---------------------------------|-----------------------------------------------|
| Leuchtdichten-Tabelle |                       | Max. für $\gamma \geq 65^\circ$ | Lichttechnische<br>Abmessungen in mm: D = 134 |
| C-<br>Ebenen          | 0°                    |                                 |                                               |
| $\gamma$              | Leuchtdichte in cd/m² |                                 |                                               |
| 45,0°                 | 25934.9               |                                 |                                               |
| 50,0°                 | 15523.5               |                                 |                                               |
| 55,0°                 | 11202.6               |                                 |                                               |
| 60,0°                 | 7952.3                |                                 |                                               |
| 65,0°                 | 6188.8                |                                 |                                               |
| 70,0°                 | 3270.9                |                                 |                                               |
| 75,0°                 | 3095.8                |                                 |                                               |
| 80,0°                 | 3134.7                |                                 |                                               |
| 85,0°                 | 3122.8                |                                 |                                               |

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Familie  
Lunis 21 L

Bestell-Nr.: 51DB63MD13B1D  
EAN: 4069025644480

LP-Nummer  
59848\_54

Leuchtdichten in cd/m²

γ 65°

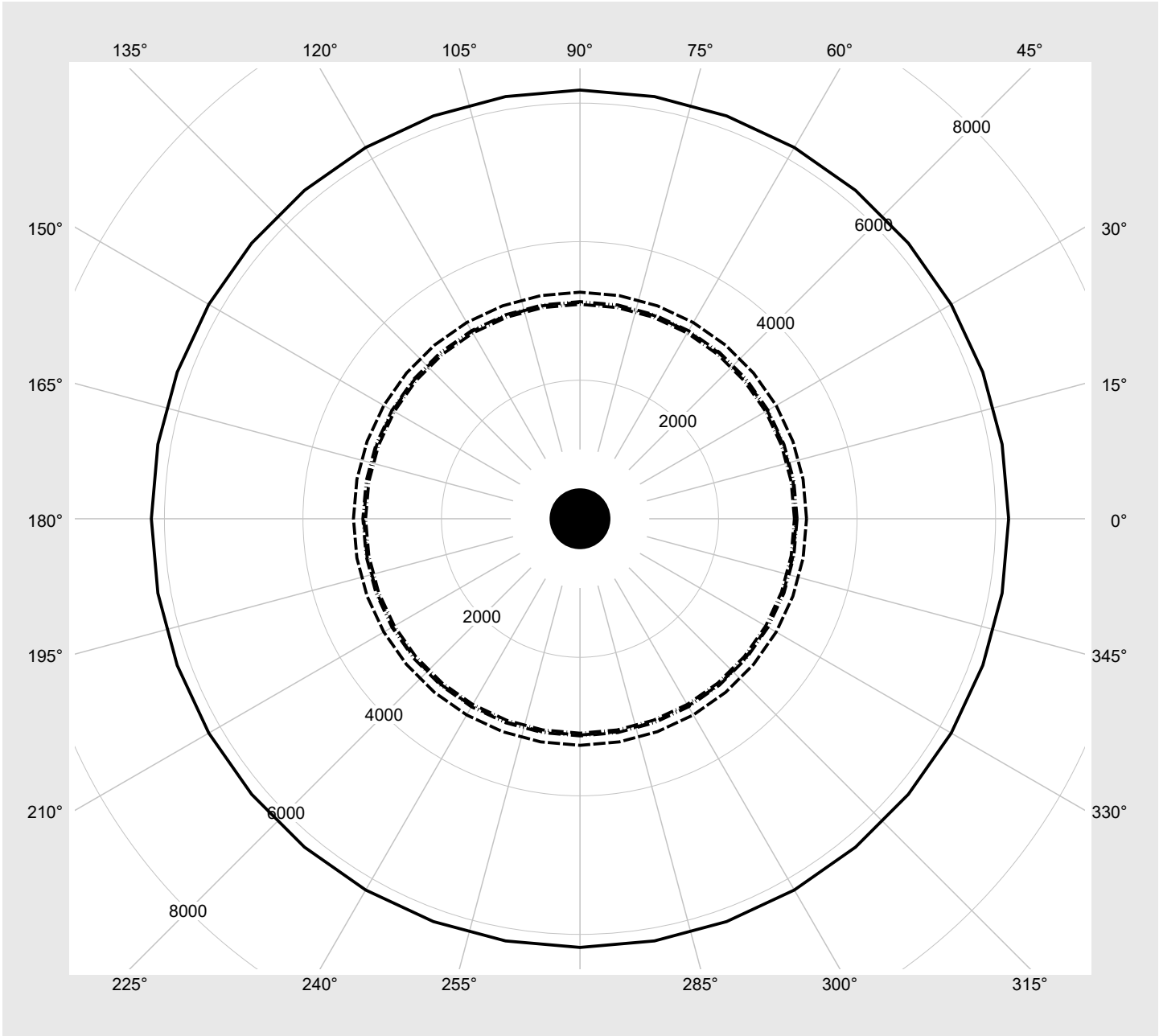
γ 70°

γ 75°

γ 80°

γ 85°

siteco



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|                                                        |                                                                |                                     |
|--------------------------------------------------------|----------------------------------------------------------------|-------------------------------------|
| <b>Familie</b><br><b>Lunis 21 L</b>                    | <b>Bestell-Nr.: 51DB63MD13B1D</b><br><b>EAN: 4069025644480</b> | <b>LP-Nummer</b><br><b>59848_54</b> |
| <b>Multilumen-Tabelle</b><br>Umgebungstemperatur: 25°C |                                                                | <b>sit</b> eco                      |

| DIP-Stufe | Schalterstellung |     |     | Lichtstrom<br>[lm] | Systemleistung [W] |
|-----------|------------------|-----|-----|--------------------|--------------------|
|           | 1                | 2   | 3   |                    |                    |
| 7         | ON               | ON  | ON  | 4130               | 26.4               |
| 6         | ON               | ON  | OFF | 3860               | 24.5               |
| 5         | ON               | OFF | ON  | 3580               | 22.8               |
| 4         | ON               | OFF | OFF | 3300               | 20.8               |
| 3         | OFF              | ON  | ON  | 3010               | 18.9               |
| 2         | OFF              | ON  | OFF | 2720               | 16.9               |
| 1         | OFF              | OFF | ON  | 2430               | 15.1               |
| 0         | OFF              | OFF | OFF | 2130               | 13.3               |