

Lichttechnischer Prüfbefund

**Familie**  
**Rondel 31**

**Bestell-Nr.: 5PJDN11EB1G30B**  
**EAN: 4069025155863**

**LP-Nummer**  
**59497\_17**



**Ausführung**
Anbauleuchte, Wanne, bombiertert, opal, PMMA, extrem breit strahlend, einstellbare Farbtemperatur: 3000 K | 4000 K

**Bestückung**
LED 4000 K | CRI ≥ 80

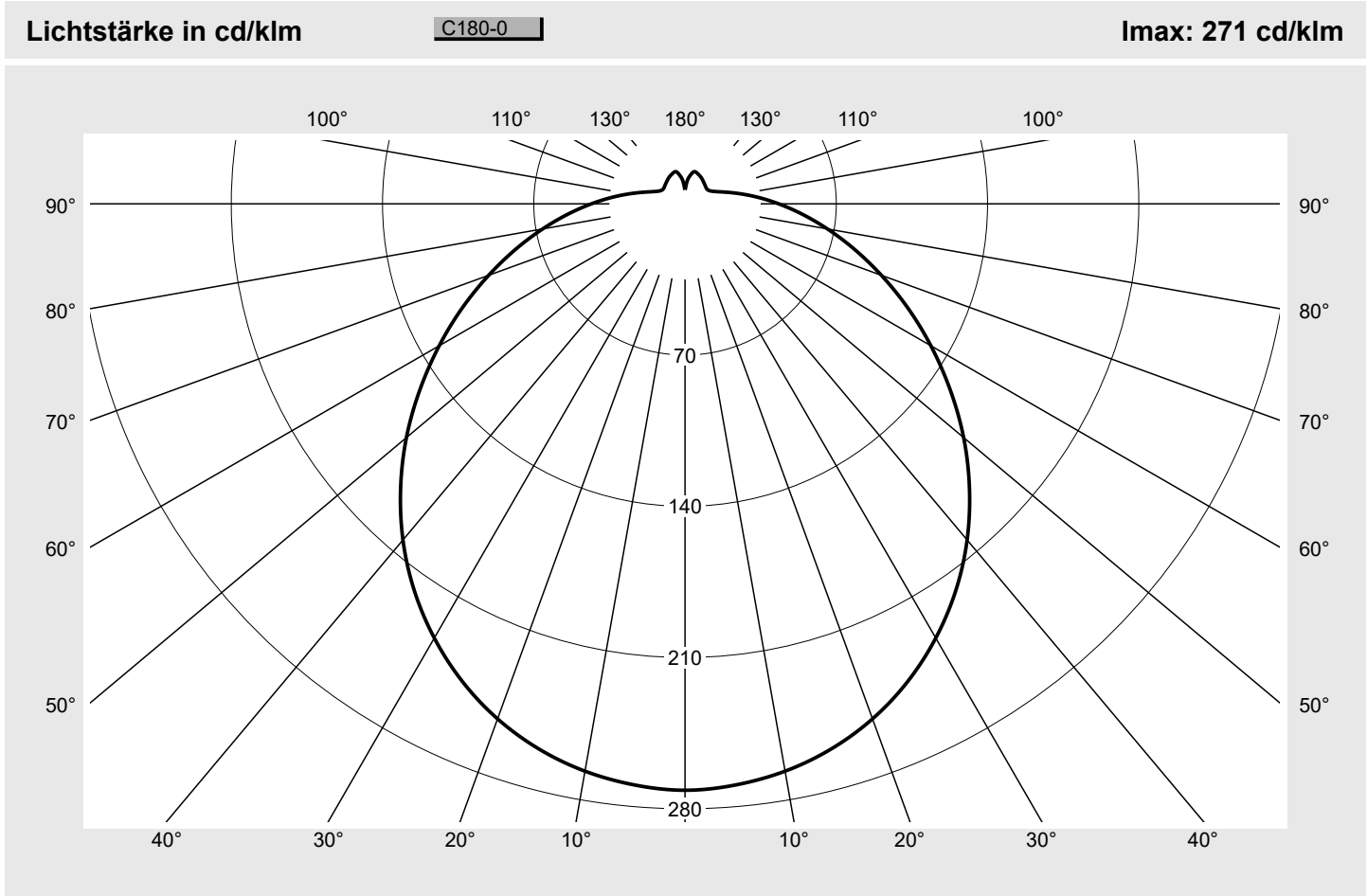
**Betriebsgerät**
EVG-DALI-Multilumen

**Einstellung**
Werkseinstellung: DIP-Stufe=7, Farbtemperatur 4000K

**Bemessungswerte**
Nettolichtstrom = 3000 lm  
Systemleistung = 24.0 W  
Lichtausbeute = 125 lm/W

**Seriendokumentation**  
23.06.2026





| Klassifizierungen |                   | Leuchtenbetriebswirkungsgrade |        |
|-------------------|-------------------|-------------------------------|--------|
| DIN 5040          | B 3 1             | $\eta_{LB}$                   | 100,0% |
| CIE               | N1=42 N2=71 N3=89 | $\phi_u$                      | 88,4%  |
|                   | N4=88 N5=100      | $\phi_o$                      | 11,6%  |

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

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|                                        |                                                              |                                           |
|----------------------------------------|--------------------------------------------------------------|-------------------------------------------|
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| <p>Wertetabelle Lichtstärkemessung</p> |                                                              | <p>Maximale Lichtstärke</p> <p>siteco</p> |

| C-<br>Ebenen | 0°                    | Phi-Zone             | Summe<br>Phi-Zone |
|--------------|-----------------------|----------------------|-------------------|
| γ            | Lichtstärke in cd/klm | Lichtstrom in lm/klm |                   |
| 0°           | 271.4                 | 1.6                  | 1.6               |
| 5°           | 270.0                 | 12.9                 | 14.5              |
| 10°          | 266.7                 | 25.4                 | 39.9              |
| 15°          | 261.2                 | 37.1                 | 77.0              |
| 20°          | 253.7                 | 47.6                 | 124.5             |
| 25°          | 243.9                 | 56.5                 | 181.0             |
| 30°          | 232.1                 | 63.6                 | 244.6             |
| 35°          | 218.5                 | 68.7                 | 313.3             |
| 40°          | 203.1                 | 71.6                 | 384.9             |
| 45°          | 186.2                 | 72.2                 | 457.0             |
| 50°          | 168.3                 | 70.7                 | 527.7             |
| 55°          | 149.7                 | 67.2                 | 594.9             |
| 60°          | 131.4                 | 62.4                 | 657.3             |
| 65°          | 113.6                 | 56.5                 | 713.7             |
| 70°          | 96.7                  | 49.8                 | 763.5             |
| 75°          | 81.1                  | 42.9                 | 806.5             |
| 80°          | 66.9                  | 36.1                 | 842.6             |
| 85°          | 54.3                  | 29.7                 | 872.3             |
| 90°          | 43.3                  | 23.8                 | 896.0             |
| 95°          | 34.1                  | 18.6                 | 914.6             |
| 100°         | 26.4                  | 14.3                 | 928.9             |
| 105°         | 20.6                  | 10.9                 | 939.8             |
| 110°         | 16.4                  | 8.4                  | 948.2             |
| 115°         | 13.8                  | 6.9                  | 955.1             |
| 120°         | 12.5                  | 6.0                  | 961.0             |
| 125°         | 12.2                  | 5.5                  | 966.5             |
| 130°         | 12.4                  | 5.2                  | 971.7             |
| 135°         | 12.8                  | 5.0                  | 976.7             |
| 140°         | 13.3                  | 4.7                  | 981.4             |
| 145°         | 13.9                  | 4.4                  | 985.7             |
| 150°         | 14.4                  | 4.0                  | 989.7             |
| 155°         | 14.9                  | 3.5                  | 993.2             |
| 160°         | 15.4                  | 2.9                  | 996.0             |
| 165°         | 15.3                  | 2.2                  | 998.2             |
| 170°         | 13.2                  | 1.3                  | 999.5             |
| 175°         | 10.3                  | 0.5                  | 1000.0            |
| 180°         | 6.6                   | 0.0                  | 1000.0            |

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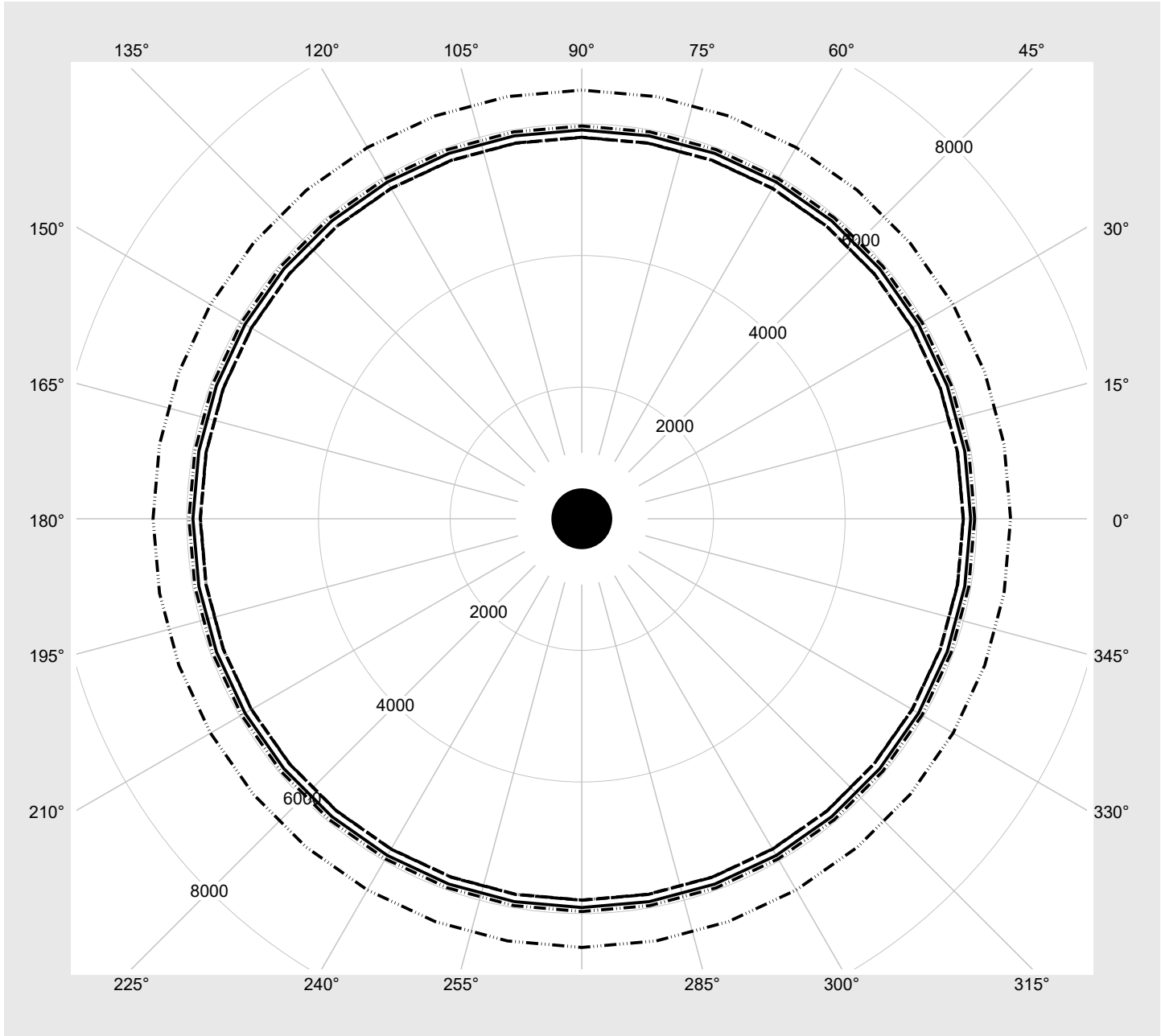
|                      |     |                                     |                                                   |      |      |      |                                       |      |                       |      |      |
|----------------------|-----|-------------------------------------|---------------------------------------------------|------|------|------|---------------------------------------|------|-----------------------|------|------|
| Familie<br>Rondel 31 |     |                                     | Bestell-Nr.: 5PJDN11EB1G30B<br>EAN: 4069025155863 |      |      |      |                                       |      | LP-Nummer<br>59497_17 |      |      |
| UGR-Tabelle          |     |                                     | Standardraum                                      |      |      |      |                                       |      | siteco                |      |      |
| Reflexionsgrad Decke |     | 0,7                                 | 0,7                                               | 0,5  | 0,5  | 0,3  | 0,7                                   | 0,7  | 0,5                   | 0,5  | 0,3  |
| Reflexionsgrad Wände |     | 0,5                                 | 0,3                                               | 0,5  | 0,3  | 0,3  | 0,5                                   | 0,3  | 0,5                   | 0,3  | 0,3  |
| Reflexionsgrad Boden |     | 0,2                                 | 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  | 18,1                                | 19,7                                              | 18,5 | 20,1 | 20,6 | 18,1                                  | 19,7 | 18,5                  | 20,1 | 20,6 |
|                      | 3H  | 19,9                                | 21,4                                              | 20,4 | 21,9 | 22,4 | 19,9                                  | 21,4 | 20,4                  | 21,9 | 22,4 |
|                      | 4H  | 20,8                                | 22,2                                              | 21,3 | 22,6 | 23,2 | 20,8                                  | 22,2 | 21,3                  | 22,6 | 23,2 |
|                      | 6H  | 21,6                                | 22,9                                              | 22,2 | 23,4 | 24,0 | 21,6                                  | 22,9 | 22,2                  | 23,4 | 24,0 |
|                      | 8H  | 22,1                                | 23,3                                              | 22,6 | 23,8 | 24,4 | 22,1                                  | 23,3 | 22,6                  | 23,8 | 24,4 |
|                      | 12H | 22,5                                | 23,6                                              | 23,0 | 24,1 | 24,7 | 22,5                                  | 23,6 | 23,0                  | 24,1 | 24,7 |
| 4H                   | 2H  | 18,8                                | 20,2                                              | 19,3 | 20,7 | 21,2 | 18,8                                  | 20,2 | 19,3                  | 20,7 | 21,2 |
|                      | 3H  | 20,8                                | 22,0                                              | 21,4 | 22,5 | 23,1 | 20,8                                  | 22,0 | 21,4                  | 22,5 | 23,1 |
|                      | 4H  | 21,9                                | 23,0                                              | 22,4 | 23,5 | 24,1 | 21,9                                  | 23,0 | 22,4                  | 23,5 | 24,1 |
|                      | 6H  | 22,9                                | 23,9                                              | 23,5 | 24,4 | 25,1 | 22,9                                  | 23,9 | 23,5                  | 24,4 | 25,1 |
|                      | 8H  | 23,4                                | 24,3                                              | 24,0 | 24,9 | 25,5 | 23,4                                  | 24,3 | 24,0                  | 24,9 | 25,5 |
|                      | 12H | 23,9                                | 24,7                                              | 24,5 | 25,3 | 26,0 | 23,9                                  | 24,7 | 24,5                  | 25,3 | 26,0 |
| 8H                   | 4H  | 22,3                                | 23,2                                              | 22,9 | 23,8 | 24,4 | 22,3                                  | 23,2 | 22,9                  | 23,8 | 24,4 |
|                      | 6H  | 23,5                                | 24,3                                              | 24,2 | 24,9 | 25,6 | 23,5                                  | 24,3 | 24,2                  | 24,9 | 25,6 |
|                      | 8H  | 24,2                                | 24,8                                              | 24,8 | 25,5 | 26,2 | 24,2                                  | 24,8 | 24,8                  | 25,5 | 26,2 |
|                      | 12H | 24,8                                | 25,4                                              | 25,5 | 26,0 | 26,8 | 24,8                                  | 25,4 | 25,5                  | 26,0 | 26,8 |
| 12H                  | 4H  | 22,4                                | 23,2                                              | 23,0 | 23,8 | 24,5 | 22,4                                  | 23,2 | 23,0                  | 23,8 | 24,5 |
|                      | 6H  | 23,7                                | 24,3                                              | 24,3 | 25,0 | 25,7 | 23,7                                  | 24,3 | 24,3                  | 25,0 | 25,7 |
|                      | 8H  | 24,4                                | 25,0                                              | 25,0 | 25,6 | 26,3 | 24,4                                  | 25,0 | 25,0                  | 25,6 | 26,3 |

|                       |                       |                                 |                                               |                           |                              |
|-----------------------|-----------------------|---------------------------------|-----------------------------------------------|---------------------------|------------------------------|
| Leuchtdichten-Tabelle |                       | Max. für $\gamma \geq 65^\circ$ | Lichttechnische<br>Abmessungen in mm: D = 360 | H(C0) = 45<br>H(C90) = 45 | H(C180) = 45<br>H(C270) = 45 |
| C-<br>Ebenen          | 0°                    |                                 |                                               |                           |                              |
| $\gamma$              | Leuchtdichte in cd/m² |                                 |                                               |                           |                              |
| 45°                   | 6693.7                |                                 |                                               |                           |                              |
| 50°                   | 6487.3                |                                 |                                               |                           |                              |
| 55°                   | 6268.3                |                                 |                                               |                           |                              |
| 60°                   | 6070.2                |                                 |                                               |                           |                              |
| 65°                   | 5908.2                |                                 |                                               |                           |                              |
| 70°                   | 5797.8                |                                 |                                               |                           |                              |
| 75°                   | 5794.2                |                                 |                                               |                           |                              |
| 80°                   | 5969.0                |                                 |                                               |                           |                              |
| 85°                   | 6514.4                |                                 |                                               |                           |                              |

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|                                                                                                                                     |                                                                      |                                          |
|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------|
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| <div>Leuchtdichten in cd/m²</div> <div> <div>γ 65°</div> <div>γ 70°</div> <div>γ 75°</div> <div>γ 80°</div> <div>γ 85°</div> </div> |                                                                      |                                          |

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|                                                        |                                                                 |                                     |
|--------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------|
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| <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  | 3000               | 24.0               |
| 6         | OFF              | ON  | ON  | 2800               | 22.0               |
| 5         | ON               | OFF | ON  | 2600               | 21.0               |
| 4         | OFF              | OFF | ON  | 2400               | 19.0               |
| 3         | ON               | ON  | OFF | 2200               | 17.0               |
| 2         | OFF              | ON  | OFF | 2000               | 15.0               |
| 1         | ON               | OFF | OFF | 1800               | 14.0               |
| 0         | OFF              | OFF | OFF | 1600               | 12.0               |