

Lichttechnischer Prüfbefund

Familie
DL® 50 mini LED

Bestell-Nr.: 5XA248U31F08GE
EAN: 4058352803783

LP-Nummer
59408_8



| | |
|------------------------|--|
| Ausführung | Seil-Montage |
| Optik | direkt, symmetrisch breit strahlend P100013 |
| Abdeckung | Einscheibensicherheitsglas (ESG) |
| Bestückung | LED 3000 K CRI ≥ 70 |
| Betriebsgerät | EVG SITECO iQ |
| Bemessungswerte | Nettolichtstrom = 5030 lm Systemleistung = 32.7 W Lichtausbeute = 153.8 lm/W |

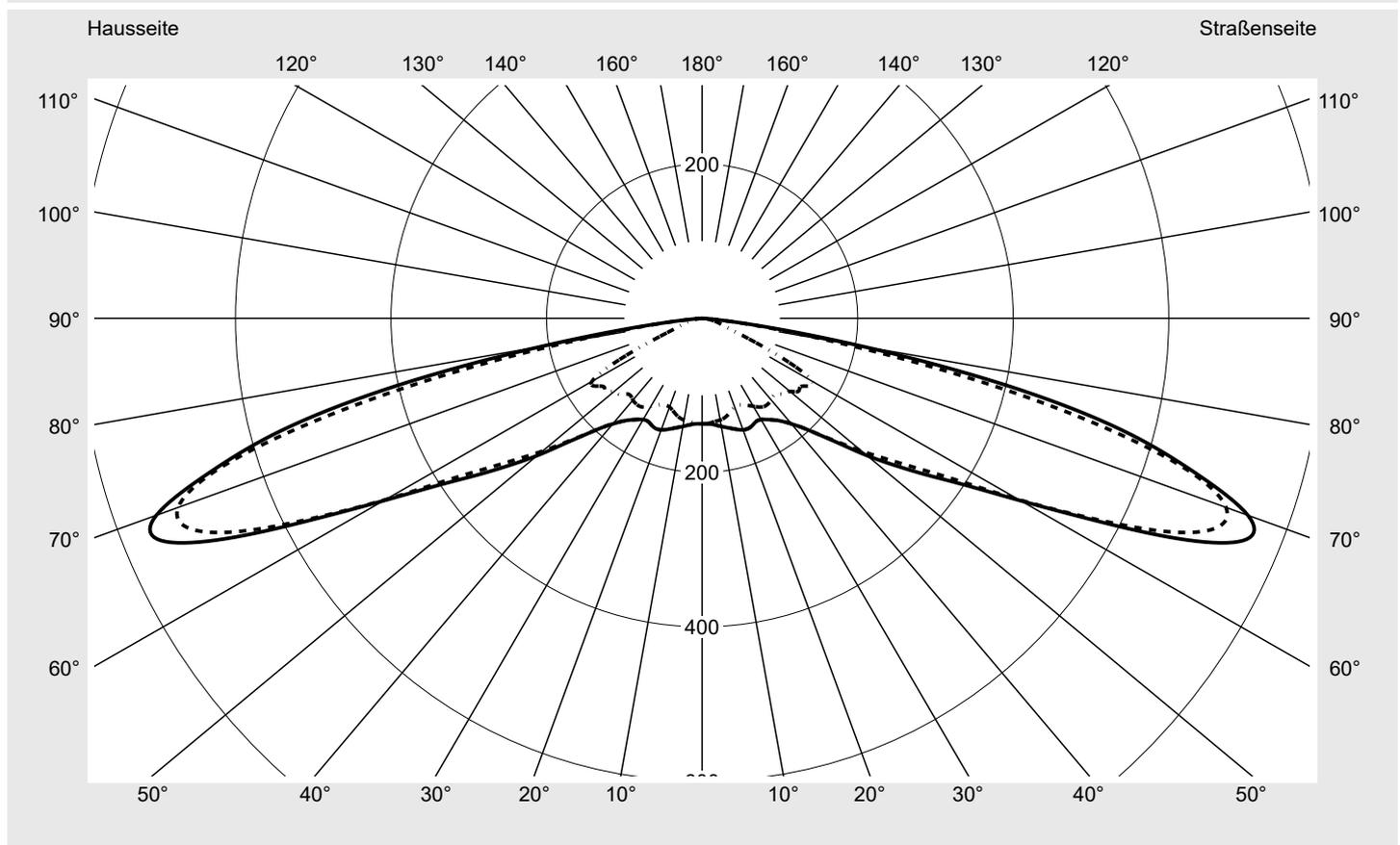
Seriendokumentation
03.04.2023

siteco

Lichtstärke in cd/klm

C180-0 **C185-5** **C270-90**

Imax: 753 cd/klm



Leuchtenbetriebswirkungsgrade

| | |
|----------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 100.0% |
| Eta 90° - 180° | 0.0% |

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|-------|
| Klasse: | --- |
| Imax 70° | 746.8 |
| Imax 80° | 208.9 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

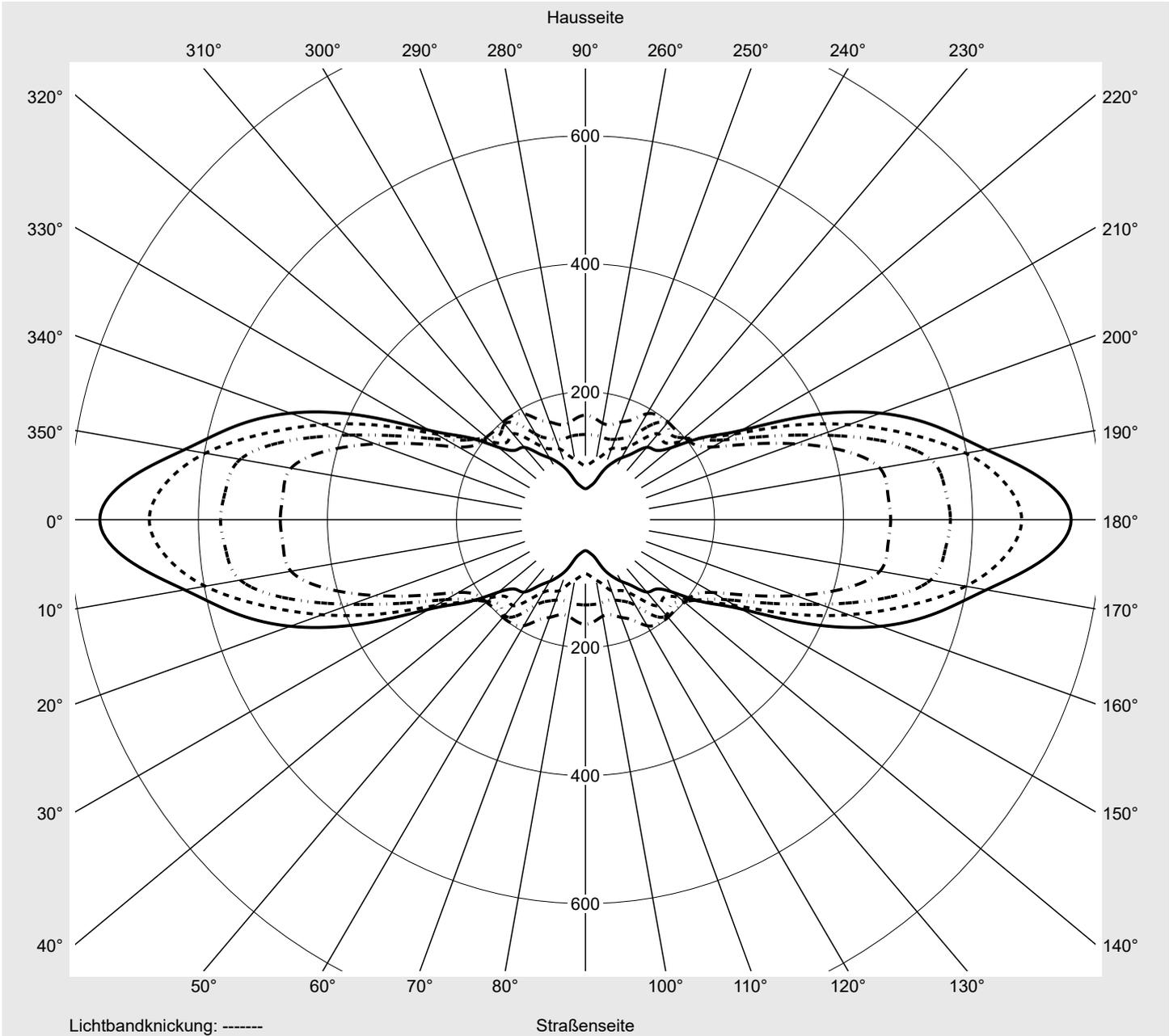
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

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| Familie DL® 50 mini LED | Bestell-Nr.: 5XA248U31F08GE EAN: 4058352803783 | LP-Nummer 59408_8 |
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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°** **siteco**



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|--|---|------------------------------------|
| Familie DL® 50 mini LED | Bestell-Nr.: 5XA248U31F08GE EAN: 4058352803783 | LP-Nummer 59408_8 |
| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | siteco |

| C- Ebenen | 0° 180° | 5° 175° | 10° 170° | 15° 165° | 20° 160° | 25° 155° | 30° 150° | 35° 145° | 40° 140° | 45° 135° | 50° 130° | 55° 125° | 60° 120° |
|--------------|-----------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ | Lichtstärke in cd/klm | | | | | | | | | | | | |
| 0,0° | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 |
| 2,5° | 136.8 | 136.8 | 136.7 | 136.6 | 136.6 | 136.5 | 136.4 | 136.4 | 136.3 | 136.2 | 136.2 | 136.3 | 136.3 |
| 5,0° | 137.8 | 137.8 | 137.7 | 137.6 | 137.3 | 137.1 | 136.9 | 136.7 | 136.4 | 136.2 | 135.9 | 135.8 | 135.6 |
| 7,5° | 139.8 | 139.7 | 139.6 | 139.3 | 139.0 | 138.6 | 138.1 | 137.6 | 137.1 | 136.6 | 136.0 | 135.5 | 135.2 |
| 10,0° | 142.4 | 142.3 | 142.1 | 141.8 | 141.3 | 140.7 | 139.9 | 139.0 | 138.2 | 137.4 | 136.6 | 136.0 | 135.4 |
| 12,5° | 145.0 | 144.9 | 144.9 | 144.6 | 144.0 | 143.1 | 142.0 | 141.0 | 139.9 | 138.9 | 138.0 | 137.1 | 136.1 |
| 15,0° | 147.9 | 147.9 | 147.8 | 147.6 | 146.9 | 146.0 | 144.6 | 143.3 | 142.1 | 140.9 | 139.4 | 137.7 | 135.9 |
| 17,5° | 151.1 | 151.0 | 150.9 | 150.5 | 149.7 | 148.4 | 147.0 | 145.5 | 143.9 | 142.0 | 139.6 | 137.1 | 134.6 |
| 20,0° | 153.9 | 153.6 | 153.3 | 152.8 | 151.8 | 150.3 | 148.7 | 146.9 | 144.7 | 141.8 | 138.5 | 135.3 | 132.3 |
| 22,5° | 154.9 | 154.6 | 154.4 | 154.3 | 153.5 | 152.2 | 150.3 | 147.8 | 144.4 | 140.3 | 136.3 | 132.9 | 130.5 |
| 25,0° | 153.2 | 153.0 | 153.3 | 153.8 | 153.7 | 153.0 | 151.3 | 147.9 | 143.1 | 138.2 | 134.4 | 131.7 | 130.3 |
| 27,5° | 150.8 | 150.7 | 151.1 | 151.8 | 151.9 | 151.6 | 150.1 | 146.1 | 140.7 | 136.2 | 133.2 | 132.2 | 132.1 |
| 30,0° | 151.7 | 151.5 | 151.4 | 151.1 | 150.4 | 149.4 | 147.3 | 143.0 | 138.4 | 135.0 | 133.8 | 134.3 | 135.6 |
| 32,5° | 155.7 | 155.7 | 155.3 | 154.4 | 152.0 | 148.1 | 143.0 | 138.4 | 136.1 | 135.3 | 136.3 | 137.9 | 140.3 |
| 35,0° | 160.9 | 160.9 | 160.7 | 159.5 | 155.8 | 149.7 | 140.0 | 133.8 | 133.8 | 137.4 | 139.2 | 141.3 | 144.9 |
| 37,5° | 168.2 | 168.0 | 167.3 | 165.4 | 160.6 | 151.5 | 140.6 | 131.7 | 131.8 | 138.4 | 141.2 | 144.2 | 149.6 |
| 40,0° | 178.8 | 178.4 | 176.5 | 172.6 | 165.3 | 153.2 | 141.8 | 134.1 | 131.7 | 137.9 | 143.1 | 148.7 | 156.3 |
| 42,5° | 193.1 | 193.0 | 188.8 | 181.4 | 170.7 | 154.1 | 143.3 | 138.2 | 135.9 | 137.4 | 146.9 | 154.7 | 163.5 |
| 45,0° | 213.9 | 213.4 | 205.4 | 192.1 | 177.7 | 155.5 | 144.3 | 144.0 | 143.2 | 139.2 | 152.2 | 161.7 | 169.7 |
| 47,5° | 241.1 | 237.9 | 224.7 | 205.5 | 187.2 | 159.3 | 145.5 | 150.9 | 152.4 | 145.3 | 158.6 | 169.0 | 175.9 |
| 50,0° | 276.9 | 267.9 | 247.1 | 223.7 | 201.1 | 168.9 | 152.2 | 159.3 | 164.0 | 157.3 | 167.0 | 178.6 | 187.4 |
| 52,5° | 313.8 | 300.5 | 274.3 | 247.8 | 221.9 | 186.7 | 165.3 | 170.4 | 176.2 | 170.3 | 178.6 | 191.6 | 197.3 |
| 55,0° | 355.0 | 340.0 | 314.4 | 286.3 | 255.4 | 215.9 | 184.7 | 182.7 | 185.2 | 183.5 | 192.5 | 197.2 | 196.6 |
| 57,5° | 403.4 | 392.8 | 375.5 | 343.0 | 299.2 | 249.2 | 205.7 | 192.3 | 192.0 | 196.7 | 199.6 | 198.7 | 202.6 |
| 60,0° | 473.2 | 470.5 | 463.5 | 415.6 | 346.6 | 279.7 | 227.5 | 205.4 | 200.5 | 198.0 | 199.1 | 198.2 | 191.3 |
| 62,5° | 565.9 | 559.4 | 543.4 | 476.4 | 386.6 | 308.0 | 249.7 | 218.0 | 199.0 | 187.9 | 195.1 | 182.4 | 154.4 |
| 65,0° | 676.3 | 653.1 | 598.5 | 518.1 | 434.1 | 347.8 | 268.1 | 223.4 | 188.7 | 171.7 | 175.2 | 152.9 | 130.9 |
| 67,5° | 753.0 | 712.8 | 631.1 | 563.3 | 486.9 | 386.3 | 279.4 | 224.9 | 176.1 | 153.6 | 147.5 | 126.2 | 111.4 |
| 70,0° | 746.8 | 716.8 | 643.1 | 602.3 | 527.7 | 416.1 | 299.5 | 231.4 | 170.1 | 135.7 | 115.8 | 98.1 | 78.1 |
| 72,5° | 663.4 | 654.5 | 602.9 | 602.5 | 529.4 | 421.8 | 300.0 | 218.8 | 160.0 | 108.4 | 80.4 | 61.7 | 43.7 |
| 75,0° | 557.3 | 517.0 | 414.7 | 459.4 | 449.9 | 351.7 | 221.8 | 153.2 | 107.1 | 74.1 | 51.1 | 37.0 | 31.2 |
| 77,5° | 399.1 | 337.2 | 222.8 | 267.3 | 286.2 | 197.9 | 122.6 | 63.7 | 46.9 | 45.7 | 30.4 | 24.9 | 22.1 |
| 80,0° | 208.9 | 164.5 | 127.8 | 153.2 | 128.9 | 103.8 | 58.2 | 34.7 | 29.8 | 29.5 | 19.5 | 16.7 | 15.1 |
| 82,5° | 73.2 | 65.9 | 118.9 | 92.4 | 55.6 | 49.1 | 31.4 | 20.2 | 16.8 | 15.8 | 11.1 | 9.9 | 9.4 |
| 85,0° | 14.5 | 14.8 | 46.8 | 36.5 | 20.1 | 16.0 | 11.0 | 8.4 | 7.2 | 6.4 | 5.7 | 5.2 | 4.7 |
| 87,5° | 3.5 | 3.6 | 4.4 | 4.0 | 3.6 | 3.8 | 3.3 | 2.8 | 2.6 | 2.3 | 2.1 | 1.9 | 1.7 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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| Familie DL® 50 mini LED | Bestell-Nr.: 5XA248U31F08GE EAN: 4058352803783 | LP-Nummer 59408_8 |
| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | siteco |

| C- Ebenen | 65° 115° | 70° 110° | 75° 105° | 80° 100° | 85° 95° | 90° | 185° 355° | 190° 350° | 195° 345° | 200° 340° | 205° 335° | 210° 330° | 215° 325° |
|--------------|-----------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ | Lichtstärke in cd/klm | | | | | | | | | | | | |
| 0,0° | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 |
| 2,5° | 136.4 | 136.6 | 136.6 | 136.8 | 137.0 | 137.0 | 136.8 | 136.7 | 136.6 | 136.6 | 136.5 | 136.4 | 136.4 |
| 5,0° | 135.5 | 135.5 | 135.5 | 135.5 | 135.6 | 135.7 | 137.8 | 137.7 | 137.6 | 137.3 | 137.1 | 136.9 | 136.7 |
| 7,5° | 134.9 | 134.6 | 134.5 | 134.5 | 134.6 | 134.6 | 139.7 | 139.6 | 139.3 | 139.0 | 138.6 | 138.1 | 137.6 |
| 10,0° | 134.9 | 134.5 | 134.1 | 134.0 | 133.9 | 133.9 | 142.3 | 142.1 | 141.8 | 141.3 | 140.7 | 139.9 | 139.0 |
| 12,5° | 135.0 | 134.0 | 133.2 | 132.6 | 132.3 | 132.3 | 144.9 | 144.9 | 144.6 | 144.0 | 143.1 | 142.0 | 141.0 |
| 15,0° | 134.2 | 132.6 | 131.1 | 130.0 | 129.3 | 129.2 | 147.9 | 147.8 | 147.6 | 146.9 | 146.0 | 144.6 | 143.3 |
| 17,5° | 132.1 | 130.1 | 128.2 | 126.6 | 125.7 | 125.4 | 151.0 | 150.9 | 150.5 | 149.7 | 148.4 | 147.0 | 145.5 |
| 20,0° | 129.8 | 127.7 | 125.7 | 123.9 | 122.9 | 122.5 | 153.6 | 153.3 | 152.8 | 151.8 | 150.3 | 148.7 | 146.9 |
| 22,5° | 128.5 | 126.9 | 125.2 | 123.6 | 122.4 | 122.0 | 154.6 | 154.4 | 154.3 | 153.5 | 152.2 | 150.3 | 147.8 |
| 25,0° | 129.5 | 128.5 | 127.2 | 125.7 | 124.1 | 123.5 | 153.0 | 153.3 | 153.8 | 153.7 | 153.0 | 151.3 | 147.9 |
| 27,5° | 132.5 | 132.6 | 131.6 | 130.0 | 128.3 | 127.1 | 150.7 | 151.1 | 151.8 | 151.9 | 151.6 | 150.1 | 146.1 |
| 30,0° | 137.3 | 138.4 | 138.3 | 136.6 | 133.4 | 131.8 | 151.5 | 151.4 | 151.1 | 150.4 | 149.4 | 147.3 | 143.0 |
| 32,5° | 143.4 | 145.6 | 146.3 | 143.6 | 139.0 | 136.5 | 155.7 | 155.3 | 154.4 | 152.0 | 148.1 | 143.0 | 138.4 |
| 35,0° | 148.9 | 152.9 | 154.5 | 150.6 | 143.4 | 139.5 | 160.9 | 160.7 | 159.5 | 155.8 | 149.7 | 140.0 | 133.8 |
| 37,5° | 156.8 | 161.5 | 161.6 | 155.8 | 145.5 | 139.7 | 168.0 | 167.3 | 165.4 | 160.6 | 151.5 | 140.6 | 131.7 |
| 40,0° | 165.1 | 168.1 | 166.4 | 159.2 | 146.0 | 138.5 | 178.4 | 176.5 | 172.6 | 165.3 | 153.2 | 141.8 | 134.1 |
| 42,5° | 170.9 | 172.7 | 169.1 | 161.0 | 145.4 | 136.2 | 193.0 | 188.8 | 181.4 | 170.7 | 154.1 | 143.3 | 138.2 |
| 45,0° | 175.3 | 175.6 | 171.1 | 162.7 | 149.0 | 138.6 | 213.4 | 205.4 | 192.1 | 177.7 | 155.5 | 144.3 | 144.0 |
| 47,5° | 182.5 | 182.8 | 179.7 | 171.0 | 155.6 | 145.3 | 237.9 | 224.7 | 205.5 | 187.2 | 159.3 | 145.5 | 150.9 |
| 50,0° | 195.3 | 196.8 | 187.5 | 176.2 | 157.2 | 147.7 | 267.9 | 247.1 | 223.7 | 201.1 | 168.9 | 152.2 | 159.3 |
| 52,5° | 198.7 | 196.7 | 193.4 | 184.1 | 166.9 | 155.8 | 300.5 | 274.3 | 247.8 | 221.9 | 186.7 | 165.3 | 170.4 |
| 55,0° | 201.8 | 207.3 | 195.9 | 181.0 | 167.6 | 154.6 | 340.0 | 314.4 | 286.3 | 255.4 | 215.9 | 184.7 | 182.7 |
| 57,5° | 210.6 | 192.3 | 182.1 | 174.1 | 170.4 | 163.5 | 392.8 | 375.5 | 343.0 | 299.2 | 249.2 | 205.7 | 192.3 |
| 60,0° | 172.8 | 162.5 | 153.8 | 153.1 | 159.5 | 163.4 | 470.5 | 463.5 | 415.6 | 346.6 | 279.7 | 227.5 | 205.4 |
| 62,5° | 140.6 | 133.7 | 130.8 | 132.3 | 133.0 | 133.1 | 559.4 | 543.4 | 476.4 | 386.6 | 308.0 | 249.7 | 218.0 |
| 65,0° | 122.2 | 118.1 | 104.8 | 95.8 | 88.7 | 84.4 | 653.1 | 598.5 | 518.1 | 434.1 | 347.8 | 268.1 | 223.4 |
| 67,5° | 97.6 | 82.0 | 63.7 | 55.0 | 50.4 | 48.4 | 712.8 | 631.1 | 563.3 | 486.9 | 386.3 | 279.4 | 224.9 |
| 70,0° | 58.2 | 46.7 | 41.0 | 35.5 | 33.7 | 33.2 | 716.8 | 643.1 | 602.3 | 527.7 | 416.1 | 299.5 | 231.4 |
| 72,5° | 35.6 | 32.9 | 31.0 | 27.8 | 26.5 | 26.2 | 654.5 | 602.9 | 602.5 | 529.4 | 421.8 | 300.0 | 218.8 |
| 75,0° | 28.3 | 26.0 | 24.7 | 23.1 | 21.3 | 21.0 | 517.0 | 414.7 | 459.4 | 449.9 | 351.7 | 221.8 | 153.2 |
| 77,5° | 20.7 | 19.1 | 18.1 | 16.9 | 16.0 | 15.9 | 337.2 | 222.8 | 267.3 | 286.2 | 197.9 | 122.6 | 63.7 |
| 80,0° | 14.6 | 13.3 | 12.5 | 11.4 | 11.1 | 11.0 | 164.5 | 127.8 | 153.2 | 128.9 | 103.8 | 58.2 | 34.7 |
| 82,5° | 8.9 | 7.7 | 7.0 | 6.3 | 6.1 | 6.1 | 65.9 | 118.9 | 92.4 | 55.6 | 49.1 | 31.4 | 20.2 |
| 85,0° | 4.3 | 3.9 | 3.5 | 3.2 | 3.0 | 2.9 | 14.8 | 46.8 | 36.5 | 20.1 | 16.0 | 11.0 | 8.4 |
| 87,5° | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 | 1.2 | 3.6 | 4.4 | 4.0 | 3.6 | 3.8 | 3.3 | 2.8 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | siteco |

| C- Ebenen | 220° 320° | 225° 315° | 230° 310° | 235° 305° | 240° 300° | 245° 295° | 250° 290° | 255° 285° | 260° 280° | 265° 275° | 270° | Phi-Zone | Summe Phi-Zone |
|--------------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------|-------------------|
| γ | Lichtstärke in cd/klm | | | | | | | | | | | Lichtstrom in lm/klm | |
| 0,0° | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 136.7 | 0.2 | 0.2 |
| 2,5° | 136.3 | 136.2 | 136.2 | 136.3 | 136.3 | 136.4 | 136.6 | 136.6 | 136.8 | 137.0 | 137.0 | 1.6 | 1.8 |
| 5,0° | 136.4 | 136.2 | 135.9 | 135.8 | 135.6 | 135.5 | 135.5 | 135.5 | 135.5 | 135.6 | 135.7 | 3.3 | 5.1 |
| 7,5° | 137.1 | 136.6 | 136.0 | 135.5 | 135.2 | 134.9 | 134.6 | 134.5 | 134.5 | 134.6 | 134.6 | 4.9 | 10.0 |
| 10,0° | 138.2 | 137.4 | 136.6 | 136.0 | 135.4 | 134.9 | 134.5 | 134.1 | 134.0 | 133.9 | 133.9 | 6.6 | 16.6 |
| 12,5° | 139.9 | 138.9 | 138.0 | 137.1 | 136.1 | 135.0 | 134.0 | 133.2 | 132.6 | 132.3 | 132.3 | 8.2 | 24.8 |
| 15,0° | 142.1 | 140.9 | 139.4 | 137.7 | 135.9 | 134.2 | 132.6 | 131.1 | 130.0 | 129.3 | 129.2 | 9.9 | 34.7 |
| 17,5° | 143.9 | 142.0 | 139.6 | 137.1 | 134.6 | 132.1 | 130.1 | 128.2 | 126.6 | 125.7 | 125.4 | 11.5 | 46.3 |
| 20,0° | 144.7 | 141.8 | 138.5 | 135.3 | 132.3 | 129.8 | 127.7 | 125.7 | 123.9 | 122.9 | 122.5 | 13.1 | 59.4 |
| 22,5° | 144.4 | 140.3 | 136.3 | 132.9 | 130.5 | 128.5 | 126.9 | 125.2 | 123.6 | 122.4 | 122.0 | 14.7 | 74.0 |
| 25,0° | 143.1 | 138.2 | 134.4 | 131.7 | 130.3 | 129.5 | 128.5 | 127.2 | 125.7 | 124.1 | 123.5 | 16.2 | 90.2 |
| 27,5° | 140.7 | 136.2 | 133.2 | 132.2 | 132.1 | 132.5 | 132.6 | 131.6 | 130.0 | 128.3 | 127.1 | 17.7 | 108.0 |
| 30,0° | 138.4 | 135.0 | 133.8 | 134.3 | 135.6 | 137.3 | 138.4 | 138.3 | 136.6 | 133.4 | 131.8 | 19.4 | 127.4 |
| 32,5° | 136.1 | 135.3 | 136.3 | 137.9 | 140.3 | 143.4 | 145.6 | 146.3 | 143.6 | 139.0 | 136.5 | 21.3 | 148.6 |
| 35,0° | 133.8 | 137.4 | 139.2 | 141.3 | 144.9 | 148.9 | 152.9 | 154.5 | 150.6 | 143.4 | 139.5 | 23.2 | 171.8 |
| 37,5° | 131.8 | 138.4 | 141.2 | 144.2 | 149.6 | 156.8 | 161.5 | 161.6 | 155.8 | 145.5 | 139.7 | 25.3 | 197.1 |
| 40,0° | 131.7 | 137.9 | 143.1 | 148.7 | 156.3 | 165.1 | 168.1 | 166.4 | 159.2 | 146.0 | 138.5 | 27.4 | 224.5 |
| 42,5° | 135.9 | 137.4 | 146.9 | 154.7 | 163.5 | 170.9 | 172.7 | 169.1 | 161.0 | 145.4 | 136.2 | 29.8 | 254.3 |
| 45,0° | 143.2 | 139.2 | 152.2 | 161.7 | 169.7 | 175.3 | 175.6 | 171.1 | 162.7 | 149.0 | 138.6 | 32.4 | 286.7 |
| 47,5° | 152.4 | 145.3 | 158.6 | 169.0 | 175.9 | 182.5 | 182.8 | 179.7 | 171.0 | 155.6 | 145.3 | 35.7 | 322.4 |
| 50,0° | 164.0 | 157.3 | 167.0 | 178.6 | 187.4 | 195.3 | 196.8 | 187.5 | 176.2 | 157.2 | 147.7 | 39.7 | 362.0 |
| 52,5° | 176.2 | 170.3 | 178.6 | 191.6 | 197.3 | 198.7 | 196.7 | 193.4 | 184.1 | 166.9 | 155.8 | 44.2 | 406.2 |
| 55,0° | 185.2 | 183.5 | 192.5 | 197.2 | 196.6 | 201.8 | 207.3 | 195.9 | 181.0 | 167.6 | 154.6 | 49.2 | 455.4 |
| 57,5° | 192.0 | 196.7 | 199.6 | 198.7 | 202.6 | 210.6 | 192.3 | 182.1 | 174.1 | 170.4 | 163.5 | 54.7 | 510.1 |
| 60,0° | 200.5 | 198.0 | 199.1 | 198.2 | 191.3 | 172.8 | 162.5 | 153.8 | 153.1 | 159.5 | 163.4 | 59.6 | 569.7 |
| 62,5° | 199.0 | 187.9 | 195.1 | 182.4 | 154.4 | 140.6 | 133.7 | 130.8 | 132.3 | 133.0 | 133.1 | 63.2 | 632.9 |
| 65,0° | 188.7 | 171.7 | 175.2 | 152.9 | 130.9 | 122.2 | 118.1 | 104.8 | 95.8 | 88.7 | 84.4 | 65.9 | 698.8 |
| 67,5° | 176.1 | 153.6 | 147.5 | 126.2 | 111.4 | 97.6 | 82.0 | 63.7 | 55.0 | 50.4 | 48.4 | 66.8 | 765.6 |
| 70,0° | 170.1 | 135.7 | 115.8 | 98.1 | 78.1 | 58.2 | 46.7 | 41.0 | 35.5 | 33.7 | 33.2 | 66.4 | 832.0 |
| 72,5° | 160.0 | 108.4 | 80.4 | 61.7 | 43.7 | 35.6 | 32.9 | 31.0 | 27.8 | 26.5 | 26.2 | 62.2 | 894.2 |
| 75,0° | 107.1 | 74.1 | 51.1 | 37.0 | 31.2 | 28.3 | 26.0 | 24.7 | 23.1 | 21.3 | 21.0 | 48.3 | 942.4 |
| 77,5° | 46.9 | 45.7 | 30.4 | 24.9 | 22.1 | 20.7 | 19.1 | 18.1 | 16.9 | 16.0 | 15.9 | 29.2 | 971.7 |
| 80,0° | 29.8 | 29.5 | 19.5 | 16.7 | 15.1 | 14.6 | 13.3 | 12.5 | 11.4 | 11.1 | 11.0 | 15.8 | 987.5 |
| 82,5° | 16.8 | 15.8 | 11.1 | 9.9 | 9.4 | 8.9 | 7.7 | 7.0 | 6.3 | 6.1 | 6.1 | 8.6 | 996.1 |
| 85,0° | 7.2 | 6.4 | 5.7 | 5.2 | 4.7 | 4.3 | 3.9 | 3.5 | 3.2 | 3.0 | 2.9 | 3.2 | 999.3 |
| 87,5° | 2.6 | 2.3 | 2.1 | 1.9 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 | 1.2 | 0.7 | 1000.0 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |

Lichttechnischer Prüfbefund

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|-----------------------------------|---|------------------------------------|
| Familie DL® 50 mini LED | Bestell-Nr.: 5XA248U31F08GE EAN: 4058352803783 | LP-Nummer 59408_8 |
|-----------------------------------|---|------------------------------------|

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|---------------------------|---------------------------|---------------|
| Dimmstufen-Tabelle | Umgebungstemperatur: 25°C | siteco |
|---------------------------|---------------------------|---------------|

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100 | 254 | 254 | 5030 | 32.7 | 33.7 | 33.2 |
| 95 | 241 | 252 | 4773 | 30.8 | 31.7 | 31.2 |
| 90 | 229 | 250 | 4535 | 29.1 | 30.0 | 29.6 |
| 85 | 216 | 248 | 4277 | 27.3 | 28.1 | 27.7 |
| 80 | 203 | 246 | 4020 | 25.5 | 26.3 | 25.9 |
| 75 | 190 | 243 | 3763 | 23.7 | 24.3 | 24.0 |
| 70 | 178 | 241 | 3525 | 22.1 | 22.8 | 22.5 |
| 65 | 165 | 238 | 3268 | 20.4 | 21.0 | 20.7 |
| 60 | 152 | 235 | 3010 | 18.8 | 19.3 | 19.0 |
| 55 | 140 | 232 | 2772 | 17.2 | 17.7 | 17.4 |
| 50 | 127 | 229 | 2515 | 15.7 | 16.1 | 15.9 |
| 45 | 114 | 225 | 2258 | 14.1 | 14.5 | 14.3 |
| 40 | 102 | 221 | 2020 | 12.7 | 13.0 | 12.8 |
| 35 | 89 | 216 | 1762 | 11.2 | 11.5 | 11.4 |
| 30 | 76 | 210 | 1505 | 9.7 | 9.9 | 9.8 |
| 25 | 63 | 203 | 1248 | 8.2 | 8.4 | 8.3 |
| 20 | 51 | 195 | 1010 | 7.0 | 7.1 | 7.0 |
| 15 | 38 | 184 | 753 | 5.6 | 5.7 | 5.6 |
| 11 | 28 | 173 | 554 | 4.5 | 4.6 | 4.6 |