

Lichttechnischer Prüfbefund

Familie
DL® 50 mini LED

Bestell-Nr.: 5XA248V31F08GE
EAN: 4058352803851

LP-Nummer
59397_9



| | |
|------------------------|--|
| Ausführung | Seil-Montage |
| Optik | symmetrisch, breit strahlend (ST0.8s) |
| Abdeckung | Einscheibensicherheitsglas (ESG) |
| Bestückung | LED 3000 K CRI ≥ 70 |
| Betriebsgerät | EVG SITECO iQ |
| Bemessungswerte | Nettolichtstrom = 5190 lm Systemleistung = 32.7 W Lichtausbeute = 158.7 lm/W |

Seriendokumentation
03.04.2023

siteco

Lichtstärke in cd/klm

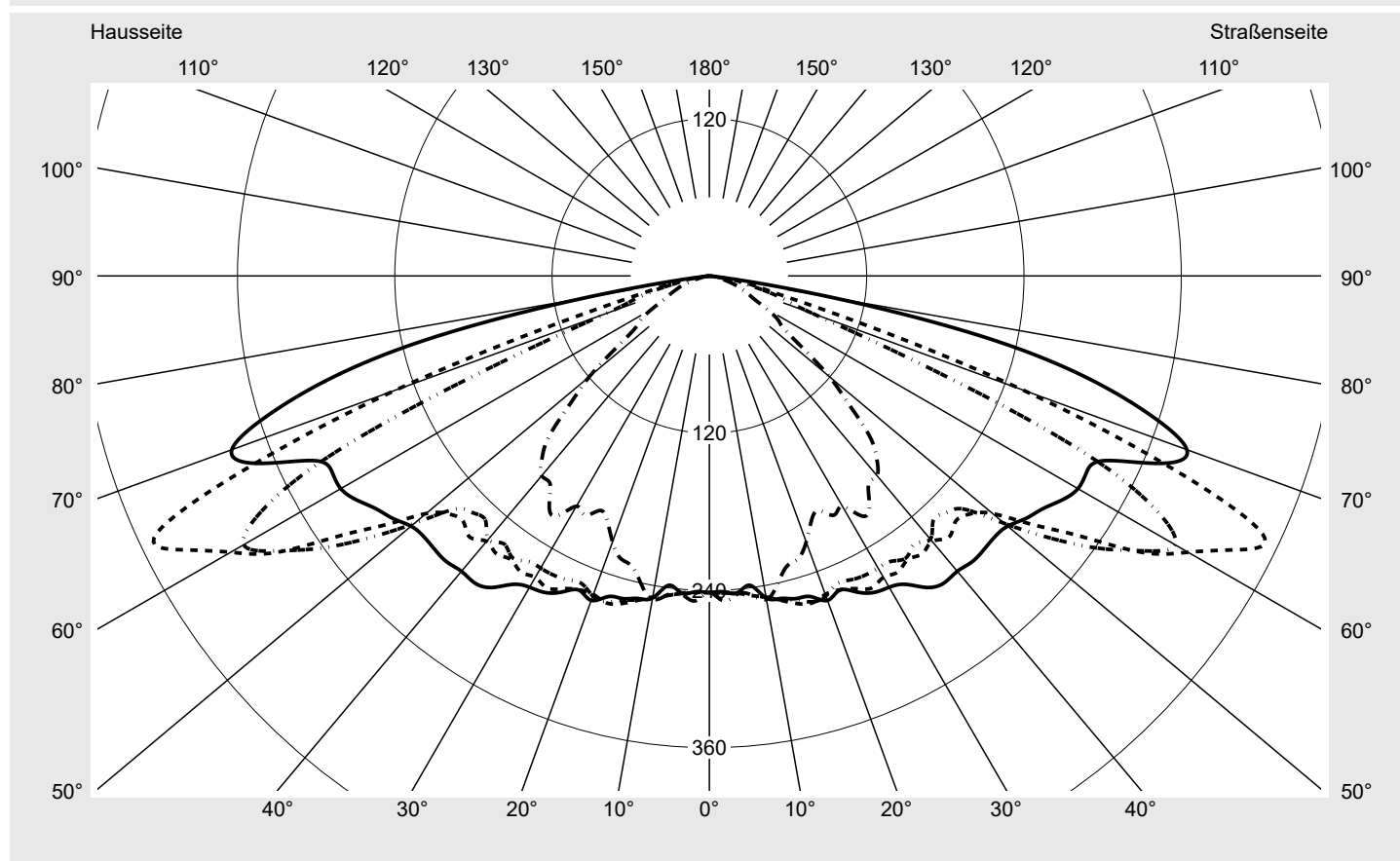
C180-0

C205-25

C210-30

C270-90

Imax: 466 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|-------|
| Klasse: | G4 |
| Imax 70° | 442.5 |
| Imax 80° | 96.9 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

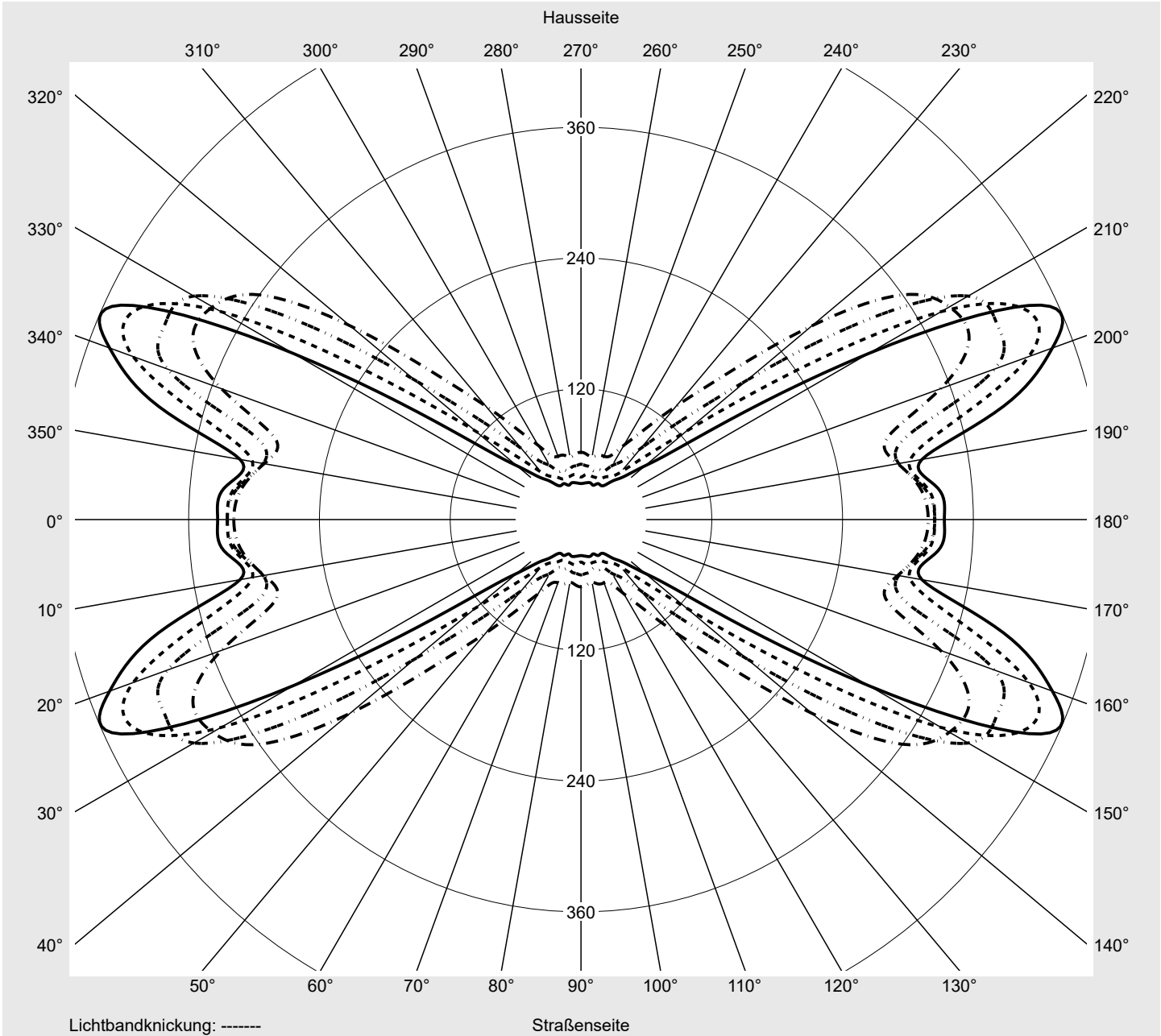
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

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| Familie DL® 50 mini LED | Bestell-Nr.: 5XA248V31F08GE EAN: 4058352803851 | LP-Nummer 59397_9 |
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Kegelmantelkurven in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



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|--|---|------------------------------------|
| Familie DL® 50 mini LED | Bestell-Nr.: 5XA248V31F08GE EAN: 4058352803851 | LP-Nummer 59397_9 |
| 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° | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 |
| 2,5° | 241.2 | 241.1 | 240.8 | 242.5 | 241.9 | 241.7 | 242.2 | 243.7 | 244.6 | 244.6 | 245.9 | 244.8 | 246.3 |
| 5,0° | 242.8 | 243.5 | 243.5 | 243.6 | 244.4 | 242.9 | 243.3 | 243.7 | 242.7 | 241.3 | 240.8 | 239.4 | 242.2 |
| 7,5° | 238.1 | 241.5 | 243.8 | 244.8 | 248.4 | 246.0 | 245.9 | 244.9 | 245.5 | 244.8 | 241.7 | 245.5 | 246.9 |
| 10,0° | 249.5 | 248.4 | 250.1 | 247.4 | 250.3 | 248.8 | 249.1 | 246.5 | 245.8 | 247.1 | 246.4 | 244.6 | 243.4 |
| 12,5° | 252.1 | 255.3 | 255.2 | 253.1 | 253.2 | 253.6 | 253.2 | 254.8 | 257.0 | 257.2 | 252.3 | 246.4 | 244.3 |
| 15,0° | 254.9 | 252.2 | 252.9 | 256.6 | 257.3 | 258.8 | 256.3 | 256.5 | 253.3 | 249.0 | 245.8 | 242.3 | 240.2 |
| 17,5° | 256.6 | 254.4 | 257.8 | 262.8 | 262.4 | 261.5 | 260.8 | 252.4 | 248.2 | 245.7 | 244.3 | 234.9 | 234.4 |
| 20,0° | 263.5 | 259.6 | 259.8 | 262.9 | 258.6 | 258.6 | 259.9 | 253.4 | 249.0 | 242.8 | 235.3 | 229.1 | 228.7 |
| 22,5° | 259.6 | 265.4 | 266.3 | 270.8 | 266.6 | 259.3 | 254.2 | 252.9 | 248.2 | 240.5 | 232.0 | 228.8 | 222.0 |
| 25,0° | 266.1 | 265.6 | 266.0 | 273.9 | 270.4 | 263.3 | 255.8 | 254.2 | 247.3 | 235.1 | 228.1 | 218.4 | 216.8 |
| 27,5° | 272.3 | 270.3 | 274.3 | 276.4 | 274.1 | 268.4 | 257.4 | 249.0 | 240.3 | 236.6 | 223.0 | 218.7 | 218.2 |
| 30,0° | 274.3 | 276.3 | 274.7 | 282.2 | 272.9 | 265.7 | 257.4 | 249.7 | 237.6 | 223.0 | 218.6 | 222.0 | 224.8 |
| 32,5° | 279.1 | 285.8 | 282.4 | 280.8 | 281.9 | 267.8 | 258.2 | 247.3 | 233.5 | 226.8 | 228.8 | 232.6 | 233.7 |
| 35,0° | 290.3 | 287.4 | 285.4 | 283.4 | 277.2 | 264.1 | 262.2 | 245.0 | 233.4 | 234.6 | 241.4 | 244.5 | 240.2 |
| 37,5° | 294.9 | 294.0 | 287.3 | 285.9 | 280.9 | 267.1 | 257.6 | 245.8 | 242.3 | 249.7 | 256.4 | 254.6 | 247.1 |
| 40,0° | 294.3 | 293.1 | 290.2 | 282.7 | 276.0 | 264.4 | 262.3 | 241.4 | 249.3 | 272.3 | 267.4 | 266.7 | 256.9 |
| 42,5° | 296.2 | 293.5 | 290.6 | 284.0 | 276.9 | 270.4 | 252.9 | 247.0 | 267.5 | 290.3 | 283.1 | 270.2 | 258.2 |
| 45,0° | 295.8 | 290.3 | 294.5 | 286.0 | 272.9 | 265.3 | 255.5 | 267.9 | 291.8 | 305.0 | 291.0 | 268.1 | 249.1 |
| 47,5° | 295.0 | 292.6 | 292.3 | 282.5 | 272.5 | 269.0 | 263.4 | 291.0 | 314.5 | 315.2 | 288.5 | 252.7 | 225.7 |
| 50,0° | 297.1 | 294.1 | 292.8 | 281.3 | 275.1 | 282.1 | 293.8 | 319.9 | 330.3 | 310.0 | 272.2 | 233.8 | 196.6 |
| 52,5° | 304.1 | 305.1 | 291.7 | 276.2 | 281.1 | 312.1 | 328.9 | 347.0 | 330.8 | 289.8 | 246.6 | 198.1 | 157.6 |
| 55,0° | 310.1 | 307.1 | 295.6 | 282.4 | 308.8 | 346.7 | 362.2 | 357.9 | 313.0 | 259.8 | 196.1 | 148.4 | 119.6 |
| 57,5° | 318.6 | 313.3 | 295.2 | 291.2 | 351.0 | 393.0 | 390.4 | 359.4 | 276.7 | 189.0 | 135.9 | 100.1 | 78.7 |
| 60,0° | 324.7 | 317.2 | 296.1 | 316.7 | 404.0 | 421.7 | 410.2 | 318.5 | 199.2 | 125.8 | 85.1 | 65.2 | 57.1 |
| 62,5° | 324.4 | 319.8 | 306.1 | 358.3 | 437.3 | 452.6 | 381.6 | 231.6 | 126.1 | 79.6 | 56.8 | 48.4 | 45.3 |
| 65,0° | 333.4 | 328.8 | 317.7 | 401.2 | 460.3 | 465.6 | 304.9 | 133.7 | 76.8 | 55.9 | 46.9 | 38.8 | 36.2 |
| 67,5° | 373.8 | 358.7 | 357.8 | 443.3 | 463.4 | 378.1 | 169.4 | 74.3 | 53.7 | 46.6 | 40.0 | 32.3 | 30.7 |
| 70,0° | 387.7 | 355.9 | 381.1 | 442.5 | 410.6 | 254.5 | 84.1 | 56.6 | 44.6 | 38.2 | 32.4 | 29.1 | 27.5 |
| 72,5° | 352.6 | 313.3 | 374.2 | 387.2 | 312.4 | 127.0 | 60.6 | 45.2 | 34.7 | 31.0 | 27.0 | 22.4 | 21.2 |
| 75,0° | 295.8 | 254.0 | 298.3 | 269.9 | 189.5 | 58.5 | 44.3 | 33.1 | 23.8 | 23.3 | 20.4 | 17.3 | 15.0 |
| 77,5° | 213.1 | 166.1 | 166.9 | 135.4 | 86.6 | 37.0 | 26.6 | 19.3 | 16.2 | 16.9 | 14.8 | 13.2 | 12.8 |
| 80,0° | 96.9 | 65.3 | 52.3 | 44.1 | 34.0 | 21.5 | 14.3 | 10.7 | 10.7 | 10.0 | 9.3 | 8.0 | 7.9 |
| 82,5° | 18.6 | 14.2 | 11.4 | 7.8 | 7.3 | 5.9 | 4.4 | 4.3 | 4.9 | 5.0 | 4.9 | 4.0 | 4.1 |
| 85,0° | 1.2 | 1.1 | 1.2 | 1.2 | 1.1 | 1.2 | 1.2 | 1.3 | 1.4 | 1.7 | 1.5 | 1.4 | 1.1 |
| 87,5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 |
| 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 | 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° | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 |
| 2,5° | 245.8 | 247.0 | 246.8 | 247.4 | 246.5 | 248.2 | 241.1 | 240.8 | 242.5 | 241.9 | 241.7 | 242.2 | 243.7 |
| 5,0° | 244.4 | 244.1 | 243.7 | 243.4 | 243.7 | 243.8 | 243.5 | 243.5 | 243.6 | 244.4 | 242.9 | 243.3 | 243.7 |
| 7,5° | 246.6 | 247.7 | 246.9 | 245.7 | 247.0 | 245.5 | 241.5 | 243.8 | 244.8 | 248.4 | 246.0 | 245.9 | 244.9 |
| 10,0° | 245.6 | 248.3 | 247.7 | 247.9 | 246.2 | 250.6 | 248.4 | 250.1 | 247.4 | 250.3 | 248.8 | 249.1 | 246.5 |
| 12,5° | 243.9 | 244.4 | 242.6 | 238.4 | 240.2 | 240.7 | 255.3 | 255.2 | 253.1 | 253.2 | 253.6 | 253.2 | 254.8 |
| 15,0° | 238.2 | 232.0 | 230.8 | 232.5 | 229.9 | 229.1 | 252.2 | 252.9 | 256.6 | 257.3 | 258.8 | 256.3 | 256.5 |
| 17,5° | 231.3 | 225.1 | 223.8 | 224.2 | 226.4 | 225.9 | 254.4 | 257.8 | 262.8 | 262.4 | 261.5 | 260.8 | 252.4 |
| 20,0° | 227.0 | 220.6 | 219.2 | 215.6 | 213.7 | 216.0 | 259.6 | 259.8 | 262.9 | 258.6 | 258.6 | 259.9 | 253.4 |
| 22,5° | 218.8 | 212.2 | 207.8 | 207.9 | 206.6 | 202.9 | 265.4 | 266.3 | 270.8 | 266.6 | 259.3 | 254.2 | 252.9 |
| 25,0° | 212.1 | 207.5 | 204.6 | 199.8 | 202.4 | 197.5 | 265.6 | 266.0 | 273.9 | 270.4 | 263.3 | 255.8 | 254.2 |
| 27,5° | 211.2 | 212.3 | 210.7 | 211.8 | 207.1 | 205.8 | 270.3 | 274.3 | 276.4 | 274.1 | 268.4 | 257.4 | 249.0 |
| 30,0° | 219.8 | 217.5 | 214.8 | 212.9 | 212.7 | 202.9 | 276.3 | 274.7 | 282.2 | 272.9 | 265.7 | 257.4 | 249.7 |
| 32,5° | 229.5 | 224.0 | 219.5 | 217.8 | 213.2 | 217.3 | 285.8 | 282.4 | 280.8 | 281.9 | 267.8 | 258.2 | 247.3 |
| 35,0° | 235.7 | 227.9 | 220.7 | 218.2 | 210.1 | 212.9 | 287.4 | 285.4 | 283.4 | 277.2 | 264.1 | 262.2 | 245.0 |
| 37,5° | 237.8 | 229.2 | 218.5 | 211.9 | 208.8 | 199.7 | 294.0 | 287.3 | 285.9 | 280.9 | 267.1 | 257.6 | 245.8 |
| 40,0° | 240.5 | 229.5 | 218.1 | 209.6 | 206.1 | 198.9 | 293.1 | 290.2 | 282.7 | 276.0 | 264.4 | 262.3 | 241.4 |
| 42,5° | 238.5 | 224.4 | 210.4 | 205.3 | 196.4 | 189.0 | 293.5 | 290.6 | 284.0 | 276.9 | 270.4 | 252.9 | 247.0 |
| 45,0° | 224.0 | 203.5 | 188.9 | 176.3 | 169.8 | 172.8 | 290.3 | 294.5 | 286.0 | 272.9 | 265.3 | 255.5 | 267.9 |
| 47,5° | 198.1 | 177.6 | 164.7 | 153.5 | 143.3 | 143.4 | 292.6 | 292.3 | 282.5 | 272.5 | 269.0 | 263.4 | 291.0 |
| 50,0° | 166.6 | 147.6 | 134.5 | 124.1 | 119.1 | 119.4 | 294.1 | 292.9 | 281.3 | 275.1 | 282.1 | 293.8 | 319.9 |
| 52,5° | 132.7 | 117.0 | 103.6 | 95.9 | 88.3 | 87.7 | 305.1 | 291.7 | 276.2 | 281.1 | 312.1 | 328.9 | 347.0 |
| 55,0° | 94.7 | 83.7 | 76.4 | 73.6 | 70.1 | 68.4 | 307.1 | 295.6 | 282.4 | 308.8 | 346.7 | 362.2 | 357.9 |
| 57,5° | 64.8 | 61.9 | 61.2 | 58.4 | 60.1 | 61.8 | 313.3 | 295.2 | 291.2 | 351.0 | 393.0 | 390.4 | 359.4 |
| 60,0° | 48.7 | 48.8 | 46.1 | 48.8 | 49.7 | 50.8 | 317.2 | 296.1 | 316.7 | 404.0 | 421.7 | 410.2 | 318.5 |
| 62,5° | 41.2 | 40.9 | 40.8 | 41.7 | 41.1 | 39.0 | 319.8 | 306.1 | 358.3 | 437.3 | 452.6 | 381.6 | 231.6 |
| 65,0° | 36.4 | 33.5 | 34.6 | 34.4 | 33.6 | 33.1 | 328.8 | 317.7 | 401.2 | 460.3 | 465.6 | 304.9 | 133.7 |
| 67,5° | 32.2 | 30.0 | 28.9 | 29.5 | 27.9 | 27.6 | 358.7 | 357.8 | 443.3 | 463.4 | 378.1 | 169.4 | 74.3 |
| 70,0° | 27.5 | 26.3 | 24.9 | 24.6 | 22.4 | 23.1 | 355.9 | 381.1 | 442.5 | 410.6 | 254.5 | 84.1 | 56.6 |
| 72,5° | 20.6 | 20.3 | 19.8 | 18.7 | 18.1 | 17.2 | 313.3 | 374.2 | 387.2 | 312.4 | 127.0 | 60.6 | 45.2 |
| 75,0° | 15.2 | 13.2 | 12.7 | 12.5 | 12.0 | 12.0 | 254.0 | 298.3 | 269.9 | 189.5 | 58.5 | 44.3 | 33.1 |
| 77,5° | 11.0 | 8.8 | 7.7 | 7.4 | 7.1 | 7.0 | 166.1 | 166.9 | 135.4 | 86.6 | 37.0 | 26.6 | 19.3 |
| 80,0° | 6.9 | 6.4 | 5.1 | 4.3 | 4.4 | 4.3 | 65.3 | 52.3 | 44.1 | 34.0 | 21.5 | 14.3 | 10.7 |
| 82,5° | 3.5 | 3.5 | 2.6 | 2.3 | 2.1 | 2.1 | 14.2 | 11.4 | 7.8 | 7.3 | 5.9 | 4.4 | 4.3 |
| 85,0° | 1.3 | 1.1 | 0.8 | 0.8 | 0.7 | 0.8 | 1.1 | 1.2 | 1.2 | 1.1 | 1.2 | 1.2 | 1.3 |
| 87,5° | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 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 |
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| 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° | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 0.4 | 0.4 |
| 2,5° | 244.6 | 244.6 | 245.9 | 244.8 | 246.3 | 245.8 | 247.0 | 246.8 | 247.4 | 246.5 | 248.2 | 2.9 | 3.3 |
| 5,0° | 242.7 | 241.3 | 240.8 | 239.4 | 242.2 | 244.4 | 244.1 | 243.7 | 243.4 | 243.7 | 243.8 | 5.8 | 9.1 |
| 7,5° | 245.5 | 244.8 | 241.7 | 245.5 | 246.9 | 246.6 | 247.7 | 246.9 | 245.7 | 247.0 | 245.5 | 8.8 | 17.9 |
| 10,0° | 245.8 | 247.1 | 246.4 | 244.6 | 243.4 | 245.6 | 248.3 | 247.7 | 247.9 | 246.2 | 250.6 | 11.8 | 29.6 |
| 12,5° | 257.0 | 257.2 | 252.3 | 246.4 | 244.3 | 243.9 | 244.4 | 242.6 | 238.4 | 240.2 | 240.7 | 14.8 | 44.4 |
| 15,0° | 253.3 | 249.0 | 245.8 | 242.3 | 240.2 | 238.2 | 232.0 | 230.8 | 232.5 | 229.9 | 229.1 | 17.4 | 61.9 |
| 17,5° | 248.2 | 245.7 | 244.3 | 234.9 | 234.4 | 231.3 | 225.1 | 223.8 | 224.2 | 226.4 | 225.9 | 20.1 | 82.0 |
| 20,0° | 249.0 | 242.8 | 235.3 | 229.1 | 228.7 | 227.0 | 220.6 | 219.2 | 215.6 | 213.7 | 216.0 | 22.6 | 104.6 |
| 22,5° | 248.2 | 240.5 | 232.0 | 228.8 | 222.0 | 218.8 | 212.2 | 207.8 | 207.9 | 206.6 | 202.9 | 25.0 | 129.6 |
| 25,0° | 247.3 | 235.1 | 228.1 | 218.4 | 216.8 | 212.1 | 207.5 | 204.6 | 199.8 | 202.4 | 197.5 | 27.4 | 157.0 |
| 27,5° | 240.3 | 236.6 | 223.0 | 218.7 | 218.2 | 211.2 | 212.3 | 210.7 | 211.8 | 207.1 | 205.8 | 30.2 | 187.2 |
| 30,0° | 237.6 | 223.0 | 218.6 | 222.0 | 224.8 | 219.8 | 217.5 | 214.8 | 212.9 | 212.7 | 202.9 | 32.9 | 220.1 |
| 32,5° | 233.5 | 226.8 | 228.8 | 232.6 | 233.7 | 229.5 | 224.0 | 219.5 | 217.8 | 213.2 | 217.3 | 36.1 | 256.2 |
| 35,0° | 233.4 | 234.6 | 241.4 | 244.5 | 240.2 | 235.7 | 227.9 | 220.7 | 218.2 | 210.1 | 212.9 | 39.0 | 295.2 |
| 37,5° | 242.3 | 249.7 | 256.4 | 254.6 | 247.1 | 237.8 | 229.2 | 218.5 | 211.9 | 208.8 | 199.7 | 41.9 | 337.1 |
| 40,0° | 249.3 | 272.3 | 267.4 | 266.7 | 256.9 | 240.5 | 229.5 | 218.1 | 209.6 | 206.1 | 198.9 | 44.8 | 381.9 |
| 42,5° | 267.5 | 290.3 | 283.1 | 270.2 | 258.2 | 238.5 | 224.4 | 210.4 | 205.3 | 196.4 | 189.0 | 47.4 | 429.2 |
| 45,0° | 291.8 | 305.0 | 291.0 | 268.1 | 249.1 | 224.0 | 203.5 | 188.9 | 176.3 | 169.8 | 172.8 | 48.8 | 478.1 |
| 47,5° | 314.5 | 315.2 | 288.5 | 252.7 | 225.7 | 198.1 | 177.6 | 164.7 | 153.5 | 143.3 | 143.4 | 49.6 | 527.7 |
| 50,0° | 330.3 | 310.0 | 272.2 | 233.8 | 196.6 | 166.6 | 147.6 | 134.5 | 124.1 | 119.1 | 119.4 | 50.0 | 577.6 |
| 52,5° | 330.8 | 289.8 | 246.6 | 198.1 | 157.6 | 132.7 | 117.0 | 103.6 | 95.9 | 88.3 | 87.7 | 49.5 | 627.1 |
| 55,0° | 313.0 | 259.8 | 196.1 | 148.4 | 119.6 | 94.7 | 83.7 | 76.4 | 73.6 | 70.1 | 68.4 | 48.5 | 675.6 |
| 57,5° | 276.7 | 189.0 | 135.9 | 100.1 | 78.7 | 64.8 | 61.9 | 61.2 | 58.4 | 60.1 | 61.8 | 47.1 | 722.8 |
| 60,0° | 199.2 | 125.8 | 85.1 | 65.2 | 57.1 | 48.7 | 48.8 | 46.1 | 48.8 | 49.7 | 50.8 | 45.5 | 768.2 |
| 62,5° | 126.1 | 79.6 | 56.8 | 48.4 | 45.3 | 41.2 | 40.9 | 40.8 | 41.7 | 41.1 | 39.0 | 43.6 | 811.9 |
| 65,0° | 76.8 | 55.9 | 46.9 | 38.8 | 36.2 | 36.4 | 33.5 | 34.6 | 34.4 | 33.6 | 33.1 | 41.7 | 853.6 |
| 67,5° | 53.7 | 46.6 | 40.0 | 32.3 | 30.7 | 32.2 | 30.0 | 28.9 | 29.5 | 27.9 | 27.6 | 39.4 | 892.9 |
| 70,0° | 44.6 | 38.2 | 32.4 | 29.1 | 27.5 | 27.5 | 26.3 | 24.9 | 24.6 | 22.4 | 23.1 | 35.6 | 928.5 |
| 72,5° | 34.7 | 31.0 | 27.0 | 22.4 | 21.2 | 20.6 | 20.3 | 19.8 | 18.7 | 18.1 | 17.2 | 29.6 | 958.2 |
| 75,0° | 23.8 | 23.3 | 20.4 | 17.3 | 15.0 | 15.2 | 13.2 | 12.7 | 12.5 | 12.0 | 12.0 | 21.6 | 979.7 |
| 77,5° | 16.2 | 16.9 | 14.8 | 13.2 | 12.8 | 11.0 | 8.8 | 7.7 | 7.4 | 7.1 | 7.0 | 12.8 | 992.6 |
| 80,0° | 10.7 | 10.0 | 9.3 | 8.0 | 7.9 | 6.9 | 6.4 | 5.1 | 4.3 | 4.4 | 4.3 | 5.5 | 998.1 |
| 82,5° | 4.9 | 5.0 | 4.9 | 4.0 | 4.1 | 3.5 | 3.5 | 2.6 | 2.3 | 2.1 | 2.1 | 1.5 | 999.6 |
| 85,0° | 1.4 | 1.7 | 1.5 | 1.4 | 1.1 | 1.3 | 1.1 | 0.8 | 0.8 | 0.7 | 0.8 | 0.3 | 999.9 |
| 87,5° | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 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.: 5XA248V31F08GE EAN: 4058352803851 | LP-Nummer 59397_9 |
| 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 | 5190 | 32.7 | 33.7 | 33.2 |
| 95 | 241 | 252 | 4924 | 30.8 | 31.7 | 31.2 |
| 90 | 229 | 250 | 4679 | 29.1 | 30.0 | 29.6 |
| 85 | 216 | 248 | 4414 | 27.3 | 28.1 | 27.7 |
| 80 | 203 | 246 | 4148 | 25.5 | 26.3 | 25.9 |
| 75 | 190 | 243 | 3882 | 23.7 | 24.3 | 24.0 |
| 70 | 178 | 241 | 3637 | 22.1 | 22.8 | 22.5 |
| 65 | 165 | 238 | 3371 | 20.4 | 21.0 | 20.7 |
| 60 | 152 | 235 | 3106 | 18.8 | 19.3 | 19.0 |
| 55 | 140 | 232 | 2861 | 17.2 | 17.7 | 17.4 |
| 50 | 127 | 229 | 2595 | 15.7 | 16.1 | 15.9 |
| 45 | 114 | 225 | 2329 | 14.1 | 14.5 | 14.3 |
| 40 | 102 | 221 | 2084 | 12.7 | 13.0 | 12.8 |
| 35 | 89 | 216 | 1819 | 11.2 | 11.5 | 11.4 |
| 30 | 76 | 210 | 1553 | 9.7 | 9.9 | 9.8 |
| 25 | 63 | 203 | 1287 | 8.2 | 8.4 | 8.3 |
| 20 | 51 | 195 | 1042 | 7.0 | 7.1 | 7.0 |
| 15 | 38 | 184 | 776 | 5.6 | 5.7 | 5.6 |
| 11 | 28 | 173 | 572 | 4.5 | 4.6 | 4.6 |