

Lichttechnischer Prüfbefund

Familie
DL® 20 LED

Bestell-Nr.: 5XA512832R008P
EAN: 4058352546376

LP-Nummer
59488_25



| | |
|------------------------|---|
| Ausführung | Mastaufsatz-Montage |
| Optik | asymmetrisch, extrem breit strahlend (P1.0a) |
| Abdeckung | Einscheibensicherheitsglas (ESG) |
| Bestückung | LED 2200 K CRI ≥ 70 |
| Betriebsgerät | EVG Plus |
| Bemessungswerte | Nettolichtstrom = 4220 lm Systemleistung = 43.6 W Lichtausbeute = 96.8 lm/W |

Seriendokumentation
07.12.2023

sitEco

Lichtstärke in cd/klm

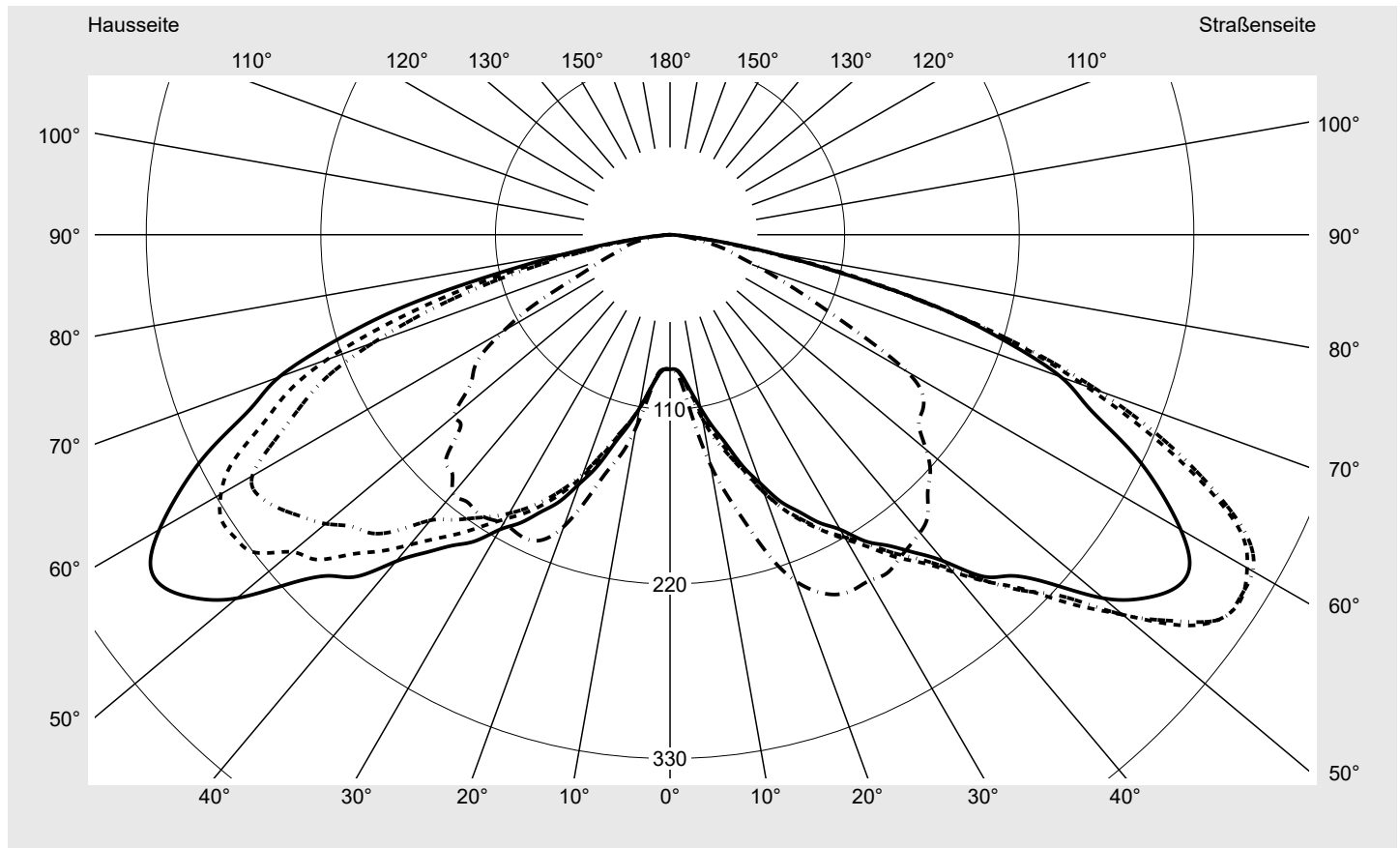
C180-0

C190-10

C195-15

C270-90

Imax: 427 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|-------|
| Klasse: | G6 |
| Imax 70° | 291.0 |
| Imax 80° | 62.7 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

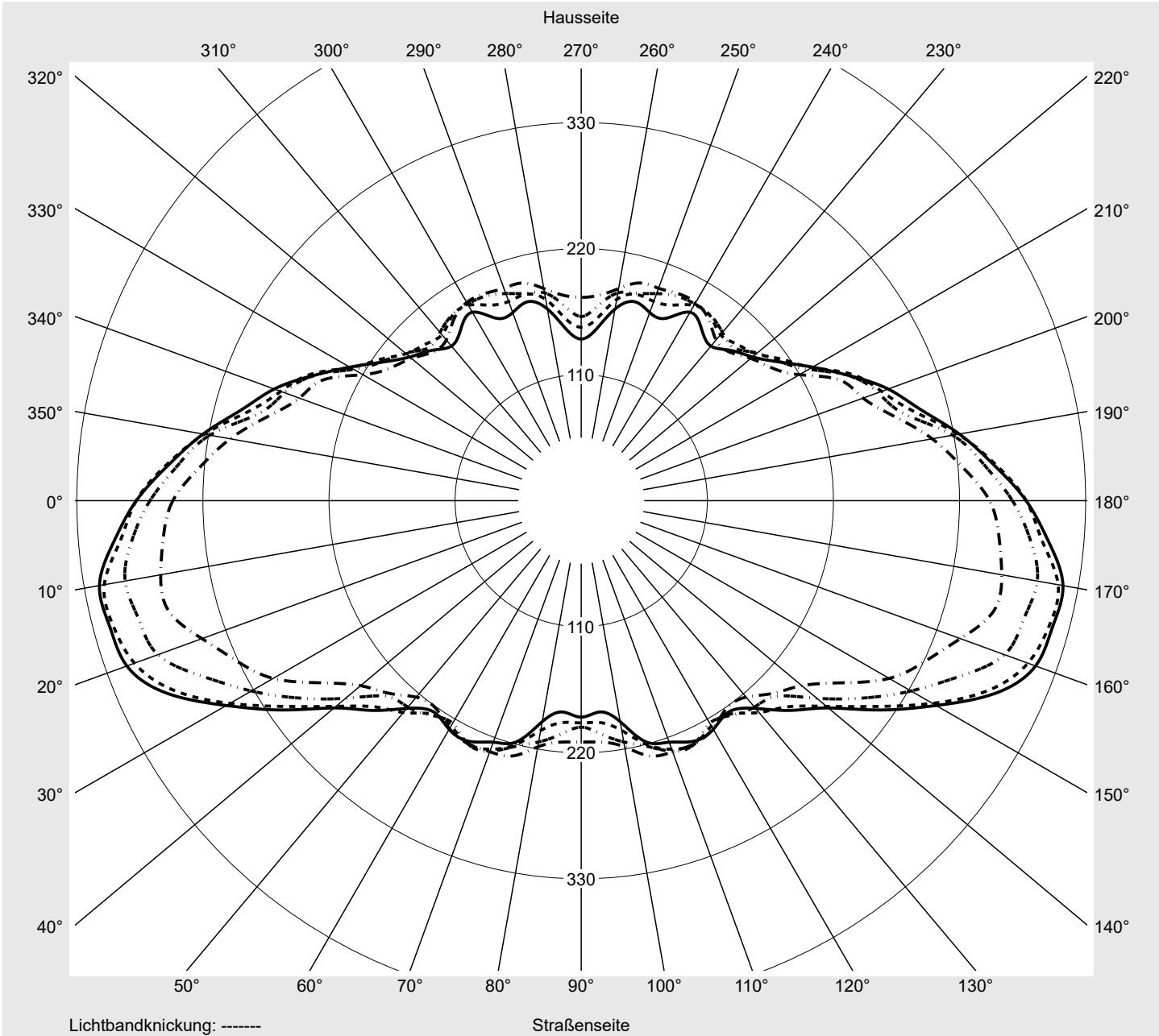
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

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| Familie DL® 20 LED | Bestell-Nr.: 5XA512832R008P EAN: 4058352546376 | LP-Nummer 59488_25 |
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Kegelmantelkurven in cd/klm **KMK 57,5°** **KMK 55°** **KMK 52,5°** **KMK 50°** **siteco**



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|--|---|-------------------------------------|
| Familie DL® 20 LED | Bestell-Nr.: 5XA512832R008P EAN: 4058352546376 | LP-Nummer 59488_25 |
| 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° | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| 2,5° | 85.0 | 85.0 | 85.0 | 85.2 | 85.3 | 85.2 | 85.4 | 85.5 | 85.6 | 85.8 | 85.9 | 85.9 | 86.3 |
| 5,0° | 89.6 | 90.0 | 90.3 | 90.7 | 91.2 | 91.5 | 92.1 | 92.8 | 93.3 | 94.0 | 94.6 | 95.0 | 95.9 |
| 7,5° | 99.2 | 100.0 | 100.9 | 102.4 | 103.9 | 105.3 | 107.1 | 108.9 | 110.4 | 112.3 | 113.5 | 114.8 | 116.5 |
| 10,0° | 111.0 | 113.0 | 115.1 | 117.8 | 120.6 | 123.2 | 126.3 | 128.3 | 130.1 | 132.8 | 133.7 | 135.2 | 138.1 |
| 12,5° | 123.8 | 126.0 | 128.8 | 132.2 | 135.0 | 137.9 | 141.4 | 142.9 | 144.3 | 146.7 | 147.1 | 148.7 | 152.2 |
| 15,0° | 136.5 | 139.0 | 141.6 | 144.0 | 145.8 | 149.2 | 153.2 | 155.7 | 158.6 | 162.2 | 163.6 | 166.4 | 170.9 |
| 17,5° | 153.2 | 154.7 | 156.3 | 157.7 | 160.1 | 164.8 | 170.0 | 174.1 | 178.6 | 183.3 | 186.6 | 191.1 | 196.4 |
| 20,0° | 166.9 | 170.5 | 172.1 | 172.8 | 175.4 | 180.4 | 185.2 | 188.7 | 191.6 | 194.3 | 199.1 | 205.0 | 210.5 |
| 22,5° | 181.9 | 185.6 | 187.3 | 187.0 | 189.0 | 192.2 | 195.0 | 197.4 | 198.3 | 199.7 | 205.0 | 211.5 | 217.2 |
| 25,0° | 192.7 | 198.4 | 199.6 | 198.4 | 199.5 | 200.0 | 201.1 | 203.7 | 203.4 | 203.7 | 209.1 | 215.5 | 221.9 |
| 27,5° | 204.8 | 209.3 | 210.6 | 209.9 | 209.4 | 206.7 | 206.3 | 208.8 | 209.1 | 208.8 | 212.2 | 219.0 | 227.0 |
| 30,0° | 214.5 | 219.4 | 221.7 | 220.0 | 216.5 | 213.4 | 211.2 | 212.8 | 215.2 | 212.8 | 216.1 | 223.7 | 231.4 |
| 32,5° | 228.9 | 232.4 | 233.4 | 230.7 | 227.6 | 223.1 | 216.4 | 218.2 | 222.3 | 218.5 | 219.7 | 227.9 | 235.4 |
| 35,0° | 239.0 | 245.8 | 247.9 | 244.5 | 242.1 | 232.3 | 225.2 | 226.8 | 229.3 | 223.7 | 222.1 | 228.7 | 235.2 |
| 37,5° | 252.2 | 260.1 | 260.4 | 257.5 | 258.2 | 248.8 | 237.4 | 237.1 | 234.5 | 227.7 | 226.7 | 231.0 | 235.0 |
| 40,0° | 268.7 | 277.0 | 277.2 | 274.7 | 277.0 | 262.4 | 250.3 | 247.3 | 240.1 | 233.8 | 232.7 | 234.4 | 239.7 |
| 42,5° | 292.0 | 292.6 | 296.7 | 296.4 | 294.2 | 278.8 | 260.6 | 251.5 | 243.8 | 233.0 | 234.0 | 234.8 | 237.4 |
| 45,0° | 303.9 | 311.1 | 316.0 | 317.5 | 313.1 | 292.9 | 276.4 | 260.2 | 246.0 | 232.1 | 231.5 | 233.3 | 235.5 |
| 47,5° | 325.4 | 337.3 | 344.8 | 337.9 | 328.1 | 311.5 | 289.8 | 267.6 | 245.4 | 230.2 | 228.4 | 226.4 | 229.5 |
| 50,0° | 356.2 | 365.9 | 372.5 | 372.5 | 352.0 | 331.3 | 310.2 | 277.1 | 251.2 | 237.6 | 223.8 | 221.2 | 229.8 |
| 52,5° | 376.2 | 393.3 | 404.0 | 399.6 | 393.0 | 363.4 | 332.2 | 300.3 | 268.3 | 241.3 | 235.1 | 228.6 | 224.3 |
| 55,0° | 388.2 | 403.7 | 422.5 | 422.6 | 414.7 | 391.8 | 353.8 | 313.1 | 279.3 | 254.5 | 241.3 | 227.2 | 227.0 |
| 57,5° | 388.1 | 409.2 | 426.7 | 425.7 | 421.8 | 398.1 | 357.5 | 318.5 | 281.4 | 258.8 | 236.7 | 224.9 | 230.4 |
| 60,0° | 371.5 | 398.9 | 419.8 | 423.9 | 418.9 | 391.5 | 349.4 | 304.2 | 268.0 | 244.3 | 218.8 | 215.6 | 225.7 |
| 62,5° | 347.5 | 376.5 | 405.2 | 409.3 | 399.8 | 375.5 | 330.2 | 279.9 | 244.1 | 213.1 | 188.6 | 193.0 | 198.9 |
| 65,0° | 319.1 | 340.2 | 370.3 | 376.1 | 367.6 | 347.2 | 308.8 | 252.6 | 215.5 | 183.9 | 160.5 | 170.1 | 162.8 |
| 67,5° | 285.9 | 303.0 | 326.3 | 335.6 | 331.5 | 310.6 | 275.2 | 221.8 | 195.7 | 160.5 | 130.9 | 142.4 | 125.7 |
| 70,0° | 262.1 | 266.9 | 278.4 | 287.3 | 291.0 | 272.8 | 233.9 | 190.1 | 169.6 | 132.3 | 99.9 | 110.8 | 95.1 |
| 72,5° | 219.8 | 223.5 | 229.2 | 231.6 | 238.8 | 229.8 | 187.3 | 155.5 | 138.1 | 105.1 | 82.1 | 80.2 | 68.6 |
| 75,0° | 171.0 | 169.4 | 171.8 | 167.8 | 172.9 | 173.4 | 139.2 | 116.0 | 108.9 | 84.3 | 63.9 | 56.5 | 52.5 |
| 77,5° | 107.7 | 114.4 | 112.8 | 108.2 | 107.3 | 109.5 | 86.8 | 71.4 | 76.7 | 57.3 | 44.4 | 39.5 | 37.5 |
| 80,0° | 61.9 | 62.7 | 61.1 | 54.6 | 54.0 | 59.6 | 39.6 | 34.0 | 43.6 | 27.7 | 22.9 | 22.2 | 22.8 |
| 82,5° | 27.6 | 27.0 | 26.5 | 24.1 | 22.0 | 27.1 | 15.6 | 14.5 | 22.1 | 10.9 | 10.3 | 11.0 | 12.2 |
| 85,0° | 8.1 | 7.4 | 6.9 | 6.6 | 6.3 | 9.8 | 6.0 | 5.4 | 9.0 | 4.8 | 4.5 | 4.6 | 4.9 |
| 87,5° | 2.2 | 2.1 | 2.1 | 2.0 | 2.0 | 2.2 | 1.8 | 1.8 | 2.0 | 1.6 | 1.6 | 1.6 | 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® 20 LED | Bestell-Nr.: 5XA512832R008P EAN: 4058352546376 | LP-Nummer 59488_25 |
| 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° | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| 2,5° | 86.4 | 86.4 | 86.7 | 86.7 | 86.7 | 86.8 | 84.8 | 84.8 | 84.9 | 84.8 | 84.7 | 84.8 | 84.6 |
| 5,0° | 96.3 | 96.6 | 97.3 | 97.2 | 97.5 | 97.9 | 89.6 | 89.5 | 89.4 | 89.1 | 89.1 | 89.1 | 88.9 |
| 7,5° | 117.4 | 118.4 | 119.8 | 119.9 | 120.4 | 121.4 | 98.8 | 98.7 | 98.8 | 99.0 | 99.4 | 99.7 | 100.2 |
| 10,0° | 139.0 | 140.9 | 143.9 | 144.6 | 146.0 | 147.5 | 110.7 | 110.8 | 111.1 | 111.6 | 112.6 | 114.0 | 115.4 |
| 12,5° | 153.7 | 156.9 | 162.1 | 164.1 | 166.6 | 169.1 | 122.7 | 122.2 | 122.2 | 122.4 | 123.3 | 125.1 | 126.6 |
| 15,0° | 173.0 | 177.0 | 182.5 | 184.8 | 187.8 | 190.7 | 135.3 | 133.6 | 132.5 | 131.8 | 132.5 | 134.7 | 136.5 |
| 17,5° | 199.9 | 204.5 | 209.3 | 211.2 | 213.0 | 214.6 | 150.5 | 148.1 | 146.0 | 145.5 | 147.5 | 150.7 | 152.8 |
| 20,0° | 216.7 | 222.7 | 227.0 | 230.6 | 232.2 | 232.5 | 165.4 | 162.4 | 160.3 | 160.5 | 162.6 | 165.8 | 167.2 |
| 22,5° | 225.4 | 232.4 | 237.2 | 242.2 | 244.1 | 243.6 | 178.4 | 175.3 | 172.6 | 172.5 | 173.0 | 173.6 | 174.6 |
| 25,0° | 231.4 | 237.6 | 241.5 | 247.2 | 250.0 | 250.0 | 190.2 | 187.1 | 183.8 | 182.3 | 179.6 | 178.8 | 180.8 |
| 27,5° | 236.4 | 240.6 | 243.5 | 250.0 | 253.2 | 251.7 | 200.9 | 197.6 | 193.9 | 190.7 | 185.4 | 183.9 | 184.8 |
| 30,0° | 239.3 | 241.7 | 244.2 | 250.1 | 252.8 | 251.6 | 211.6 | 206.6 | 202.7 | 197.8 | 193.1 | 189.9 | 188.4 |
| 32,5° | 240.5 | 244.3 | 245.8 | 248.2 | 252.1 | 253.3 | 223.2 | 217.1 | 210.6 | 205.6 | 199.9 | 194.5 | 189.5 |
| 35,0° | 242.0 | 245.8 | 245.8 | 245.5 | 248.1 | 250.4 | 236.4 | 229.4 | 218.1 | 212.5 | 205.7 | 196.8 | 191.8 |
| 37,5° | 240.8 | 243.3 | 242.8 | 243.9 | 245.7 | 247.5 | 247.4 | 241.1 | 226.4 | 218.5 | 214.8 | 203.6 | 197.9 |
| 40,0° | 243.0 | 242.9 | 241.3 | 243.1 | 244.3 | 244.9 | 261.9 | 255.0 | 234.8 | 228.5 | 223.3 | 210.2 | 207.7 |
| 42,5° | 242.3 | 243.5 | 242.7 | 241.5 | 242.8 | 240.3 | 281.1 | 270.4 | 252.1 | 239.3 | 232.4 | 212.9 | 206.9 |
| 45,0° | 241.1 | 241.5 | 237.4 | 239.2 | 235.1 | 229.6 | 294.1 | 284.8 | 265.9 | 246.2 | 233.5 | 216.3 | 200.5 |
| 47,5° | 243.2 | 235.3 | 231.2 | 233.6 | 225.9 | 222.4 | 314.7 | 302.8 | 272.1 | 255.9 | 241.4 | 216.3 | 199.9 |
| 50,0° | 233.9 | 233.2 | 230.6 | 218.2 | 211.6 | 210.7 | 334.0 | 310.9 | 283.3 | 261.7 | 248.9 | 219.8 | 202.4 |
| 52,5° | 234.1 | 232.7 | 222.0 | 213.8 | 204.7 | 197.7 | 353.3 | 329.0 | 292.0 | 275.6 | 257.8 | 229.3 | 211.7 |
| 55,0° | 234.0 | 230.8 | 220.2 | 203.7 | 194.5 | 194.0 | 362.8 | 333.8 | 300.6 | 278.9 | 260.8 | 232.3 | 214.8 |
| 57,5° | 231.7 | 224.3 | 217.9 | 195.8 | 185.1 | 188.9 | 361.1 | 334.9 | 306.7 | 284.9 | 258.2 | 233.1 | 211.0 |
| 60,0° | 217.5 | 209.8 | 211.0 | 180.9 | 164.1 | 172.2 | 349.9 | 326.7 | 303.9 | 279.1 | 249.8 | 222.2 | 196.9 |
| 62,5° | 193.3 | 185.0 | 177.2 | 155.6 | 136.2 | 133.9 | 331.1 | 310.9 | 280.8 | 253.3 | 227.8 | 197.5 | 169.3 |
| 65,0° | 160.7 | 156.3 | 135.0 | 118.7 | 107.7 | 101.0 | 305.6 | 283.8 | 257.2 | 230.6 | 203.7 | 173.9 | 146.0 |
| 67,5° | 124.5 | 131.5 | 97.5 | 88.5 | 87.9 | 77.4 | 277.9 | 261.6 | 233.8 | 209.2 | 186.1 | 154.9 | 127.6 |
| 70,0° | 87.1 | 97.6 | 70.5 | 67.2 | 69.1 | 58.9 | 247.4 | 230.1 | 198.8 | 177.6 | 161.3 | 133.7 | 108.4 |
| 72,5° | 60.3 | 63.7 | 51.4 | 50.1 | 50.1 | 45.1 | 206.9 | 186.0 | 159.9 | 143.6 | 134.8 | 108.6 | 85.2 |
| 75,0° | 46.9 | 44.6 | 41.7 | 40.4 | 36.9 | 37.2 | 154.2 | 138.8 | 118.3 | 105.8 | 102.4 | 79.7 | 60.4 |
| 77,5° | 34.8 | 31.9 | 32.1 | 30.5 | 28.3 | 26.8 | 102.4 | 91.8 | 76.9 | 70.0 | 71.0 | 51.1 | 38.7 |
| 80,0° | 22.4 | 21.2 | 21.6 | 21.1 | 19.0 | 17.3 | 56.8 | 52.6 | 44.7 | 39.6 | 42.9 | 23.7 | 20.2 |
| 82,5° | 12.3 | 11.6 | 12.2 | 11.8 | 10.7 | 10.3 | 25.8 | 24.7 | 21.0 | 18.6 | 22.1 | 11.7 | 9.3 |
| 85,0° | 5.1 | 5.0 | 5.0 | 5.0 | 4.7 | 4.7 | 7.4 | 7.3 | 6.5 | 6.3 | 8.4 | 5.0 | 4.0 |
| 87,5° | 1.6 | 1.5 | 1.6 | 1.5 | 1.4 | 1.4 | 2.2 | 2.2 | 2.1 | 2.0 | 2.1 | 1.8 | 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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| 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° | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 0.1 | 0.1 |
| 2,5° | 84.6 | 84.6 | 84.6 | 84.5 | 84.6 | 84.6 | 84.5 | 84.7 | 84.6 | 84.5 | 84.8 | 1.0 | 1.1 |
| 5,0° | 89.0 | 88.8 | 88.7 | 88.5 | 88.4 | 88.2 | 88.0 | 88.0 | 87.8 | 87.8 | 88.1 | 2.2 | 3.3 |
| 7,5° | 100.8 | 101.2 | 101.5 | 101.8 | 102.1 | 102.0 | 102.0 | 102.1 | 101.8 | 101.8 | 102.1 | 3.8 | 7.1 |
| 10,0° | 116.9 | 118.3 | 119.2 | 120.2 | 121.8 | 122.0 | 122.2 | 123.0 | 122.4 | 122.4 | 123.3 | 5.9 | 13.0 |
| 12,5° | 128.2 | 130.5 | 131.7 | 133.5 | 136.3 | 136.6 | 137.5 | 140.0 | 139.9 | 140.4 | 141.4 | 8.2 | 21.2 |
| 15,0° | 137.6 | 140.2 | 141.8 | 143.8 | 147.4 | 148.5 | 150.0 | 152.9 | 153.0 | 153.6 | 154.9 | 10.8 | 32.0 |
| 17,5° | 153.6 | 155.4 | 157.5 | 160.0 | 164.8 | 167.2 | 169.4 | 172.7 | 173.5 | 174.0 | 175.1 | 14.1 | 46.1 |
| 20,0° | 167.3 | 167.9 | 170.0 | 173.7 | 179.3 | 183.5 | 186.8 | 190.7 | 193.5 | 195.0 | 195.5 | 17.5 | 63.6 |
| 22,5° | 174.8 | 174.7 | 177.2 | 182.0 | 186.7 | 192.1 | 197.8 | 201.7 | 206.1 | 207.7 | 207.8 | 20.6 | 84.2 |
| 25,0° | 179.9 | 178.4 | 182.3 | 187.5 | 191.3 | 197.2 | 203.4 | 207.7 | 211.9 | 212.9 | 211.9 | 23.6 | 107.8 |
| 27,5° | 182.1 | 181.5 | 187.1 | 192.0 | 193.6 | 200.1 | 208.0 | 212.2 | 217.6 | 216.3 | 211.1 | 26.5 | 134.2 |
| 30,0° | 184.4 | 184.0 | 190.7 | 193.8 | 194.9 | 201.6 | 209.0 | 216.0 | 221.5 | 216.5 | 209.9 | 29.3 | 163.5 |
| 32,5° | 185.6 | 187.1 | 193.6 | 195.0 | 197.3 | 202.3 | 210.2 | 217.7 | 221.3 | 217.0 | 212.3 | 32.2 | 195.7 |
| 35,0° | 189.4 | 191.3 | 197.1 | 196.9 | 200.2 | 202.8 | 210.3 | 217.0 | 219.5 | 215.4 | 213.0 | 35.1 | 230.8 |
| 37,5° | 195.1 | 196.5 | 197.6 | 198.7 | 202.4 | 205.4 | 210.6 | 217.3 | 217.0 | 213.1 | 211.5 | 38.1 | 268.8 |
| 40,0° | 201.9 | 193.2 | 195.9 | 198.5 | 203.8 | 207.5 | 213.6 | 219.6 | 218.8 | 214.9 | 212.8 | 41.4 | 310.2 |
| 42,5° | 196.5 | 191.5 | 193.9 | 196.4 | 203.0 | 208.2 | 210.4 | 217.9 | 212.7 | 208.0 | 203.3 | 44.3 | 354.5 |
| 45,0° | 189.1 | 187.4 | 186.8 | 190.8 | 200.7 | 204.8 | 203.1 | 209.4 | 205.5 | 200.9 | 199.6 | 46.8 | 401.3 |
| 47,5° | 190.3 | 182.9 | 185.2 | 190.8 | 196.7 | 200.7 | 200.7 | 198.1 | 201.3 | 190.2 | 179.0 | 49.5 | 450.8 |
| 50,0° | 193.1 | 183.3 | 183.1 | 193.5 | 199.7 | 199.4 | 197.3 | 196.7 | 187.9 | 180.0 | 177.4 | 52.5 | 503.3 |
| 52,5° | 200.5 | 188.5 | 191.6 | 197.2 | 198.2 | 197.0 | 192.3 | 187.4 | 184.1 | 170.9 | 160.7 | 56.2 | 559.5 |
| 55,0° | 199.4 | 192.8 | 189.0 | 196.5 | 196.9 | 188.3 | 185.0 | 186.4 | 178.3 | 159.7 | 151.4 | 59.0 | 618.5 |
| 57,5° | 195.1 | 185.3 | 176.1 | 183.0 | 189.9 | 175.7 | 174.7 | 179.8 | 169.8 | 150.2 | 141.0 | 60.2 | 678.6 |
| 60,0° | 180.8 | 174.5 | 161.1 | 169.4 | 176.8 | 161.4 | 161.1 | 163.6 | 151.7 | 128.5 | 120.8 | 58.9 | 737.6 |
| 62,5° | 155.4 | 148.2 | 135.0 | 146.4 | 149.8 | 136.7 | 145.6 | 139.5 | 120.9 | 102.7 | 98.8 | 54.5 | 792.1 |
| 65,0° | 137.5 | 125.2 | 108.7 | 112.1 | 107.6 | 103.9 | 116.2 | 104.2 | 87.5 | 76.1 | 70.6 | 48.4 | 840.5 |
| 67,5° | 124.8 | 105.1 | 87.0 | 87.7 | 79.7 | 79.3 | 91.9 | 76.6 | 57.6 | 55.2 | 53.7 | 42.5 | 883.0 |
| 70,0° | 105.0 | 84.0 | 64.3 | 68.2 | 53.1 | 55.2 | 67.3 | 55.8 | 44.5 | 42.9 | 42.8 | 36.0 | 919.0 |
| 72,5° | 81.5 | 66.9 | 46.6 | 44.5 | 37.3 | 37.1 | 46.8 | 40.8 | 37.2 | 35.0 | 33.9 | 29.1 | 948.1 |
| 75,0° | 62.9 | 52.4 | 34.8 | 29.8 | 29.2 | 29.8 | 31.9 | 32.3 | 32.5 | 29.9 | 29.4 | 22.2 | 970.3 |
| 77,5° | 45.9 | 34.6 | 22.1 | 21.7 | 21.9 | 22.9 | 23.3 | 25.7 | 26.7 | 24.3 | 23.7 | 15.1 | 985.3 |
| 80,0° | 26.9 | 17.1 | 13.5 | 14.1 | 15.2 | 16.0 | 16.1 | 17.6 | 18.4 | 16.9 | 16.1 | 8.6 | 993.9 |
| 82,5° | 13.3 | 7.7 | 7.0 | 7.7 | 9.1 | 9.2 | 9.2 | 9.9 | 10.4 | 9.6 | 9.3 | 4.1 | 998.0 |
| 85,0° | 6.4 | 3.7 | 3.5 | 3.7 | 4.0 | 4.1 | 4.0 | 4.1 | 4.2 | 4.0 | 3.9 | 1.5 | 999.5 |
| 87,5° | 2.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 0.5 | 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® 20 LED | Bestell-Nr.: 5XA512832R008P EAN: 4058352546376 | LP-Nummer 59488_25 |
|-------------------------------------|---|-------------------------------------|

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

| Lichtstrom [%] | Dimmstufe linear | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100 | 254 | 4220 | 43.6 | 44.8 | 44.2 |
| 95 | 240 | 4004 | 41.1 | 42.2 | 41.7 |
| 90 | 227 | 3803 | 38.8 | 39.8 | 39.3 |
| 85 | 213 | 3584 | 36.3 | 37.3 | 36.8 |
| 80 | 200 | 3378 | 34.2 | 35.0 | 34.6 |
| 75 | 187 | 3171 | 32.0 | 32.8 | 32.4 |
| 70 | 173 | 2946 | 29.6 | 30.3 | 30.0 |
| 65 | 160 | 2736 | 27.4 | 28.1 | 27.8 |
| 60 | 148 | 2540 | 25.4 | 26.1 | 25.8 |
| 55 | 135 | 2325 | 23.3 | 23.9 | 23.6 |
| 50 | 122 | 2109 | 21.2 | 21.7 | 21.4 |
| 45 | 109 | 1892 | 19.1 | 19.5 | 19.3 |
| 40 | 97 | 1689 | 17.2 | 17.6 | 17.4 |
| 35 | 85 | 1484 | 15.3 | 15.6 | 15.4 |
| 30 | 72 | 1261 | 13.2 | 13.6 | 13.4 |
| 25 | 60 | 1053 | 11.5 | 11.7 | 11.6 |
| 20 | 48 | 843 | 9.7 | 9.8 | 9.8 |
| 15 | 36 | 632 | 7.8 | 7.9 | 7.8 |
| 11 | 27 | 472 | 6.5 | 6.6 | 6.6 |