

Lichttechnischer Prüfbefund

Familie
CITY-LIGHT ELEGANCE LED

Bestell-Nr.: 5XA5265JF14H000022
EAN: 4058352636107

LP-Nummer
57135_33



| | |
|------------------------|--|
| Ausführung | Mastaufsatz- oder Montage am Wandausleger |
| Optik | symmetrisch, breit strahlend (PL1.2s) |
| Abdeckung | Abdeckung klar, PMMA |
| Bestückung | LED 3000 K CRI ≥ 70 |
| Betriebsgerät | EVG SITECO iQ |
| Bemessungswerte | Nettolichtstrom = 2840 lm Systemleistung = 19.3 W Lichtausbeute = 147.1 lm/W |

Seriendokumentation
24.02.2023

siteco

Lichtstärke in cd/klm

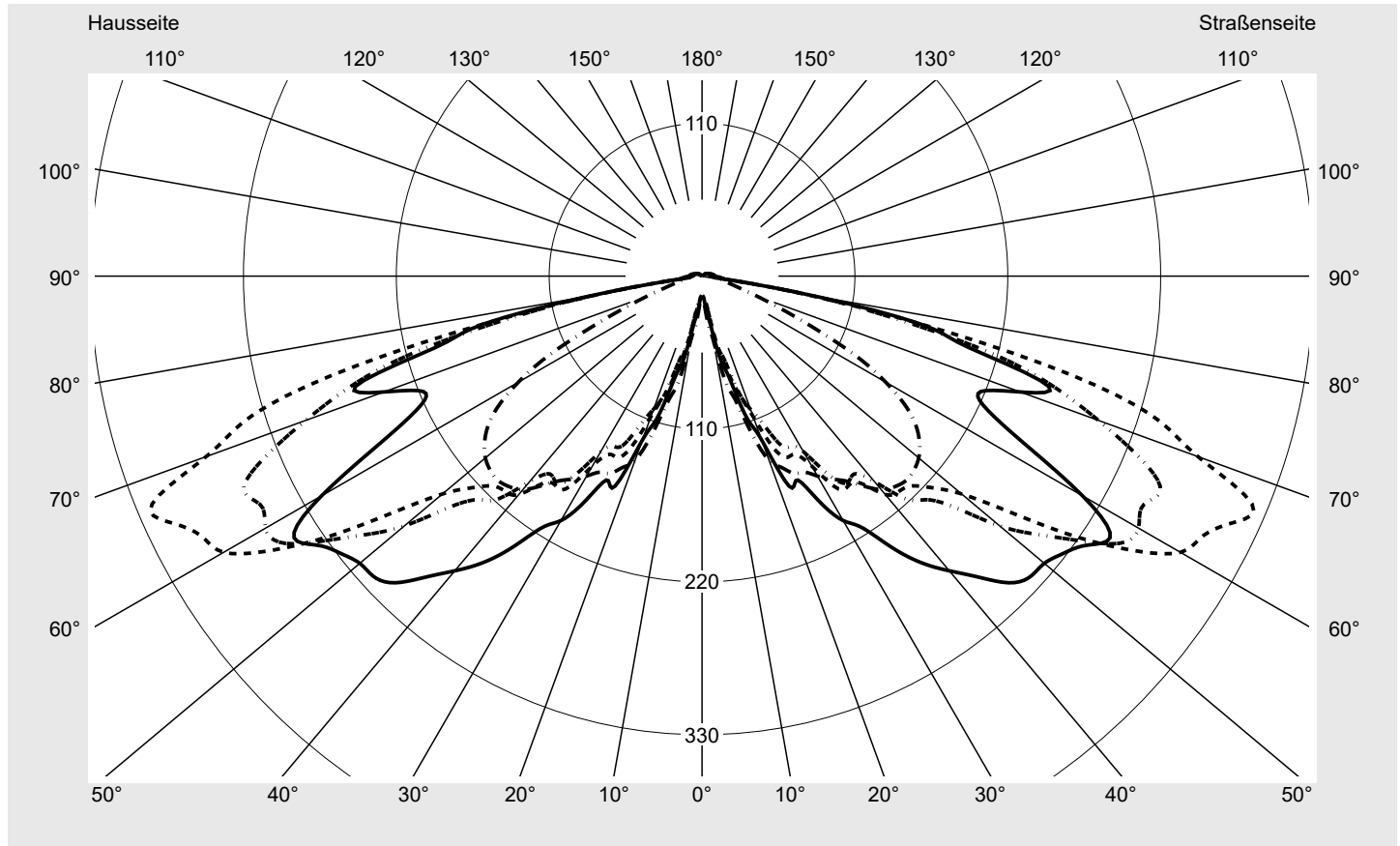
C180-0

C205-25

C210-30

C270-90

Imax: 428 cd/klm



Leuchtenbetriebswirkungsgrade

| | |
|----------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 97.9% |
| Eta 90° - 180° | 2.1% |

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|-------|
| Klasse: | G3 |
| Imax 70° | 379.7 |
| Imax 80° | 94.5 |
| Imax 90° | 9.7 |
| Imax >90° | 6.4 |
| Imax >95° | 6.4 |

Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm

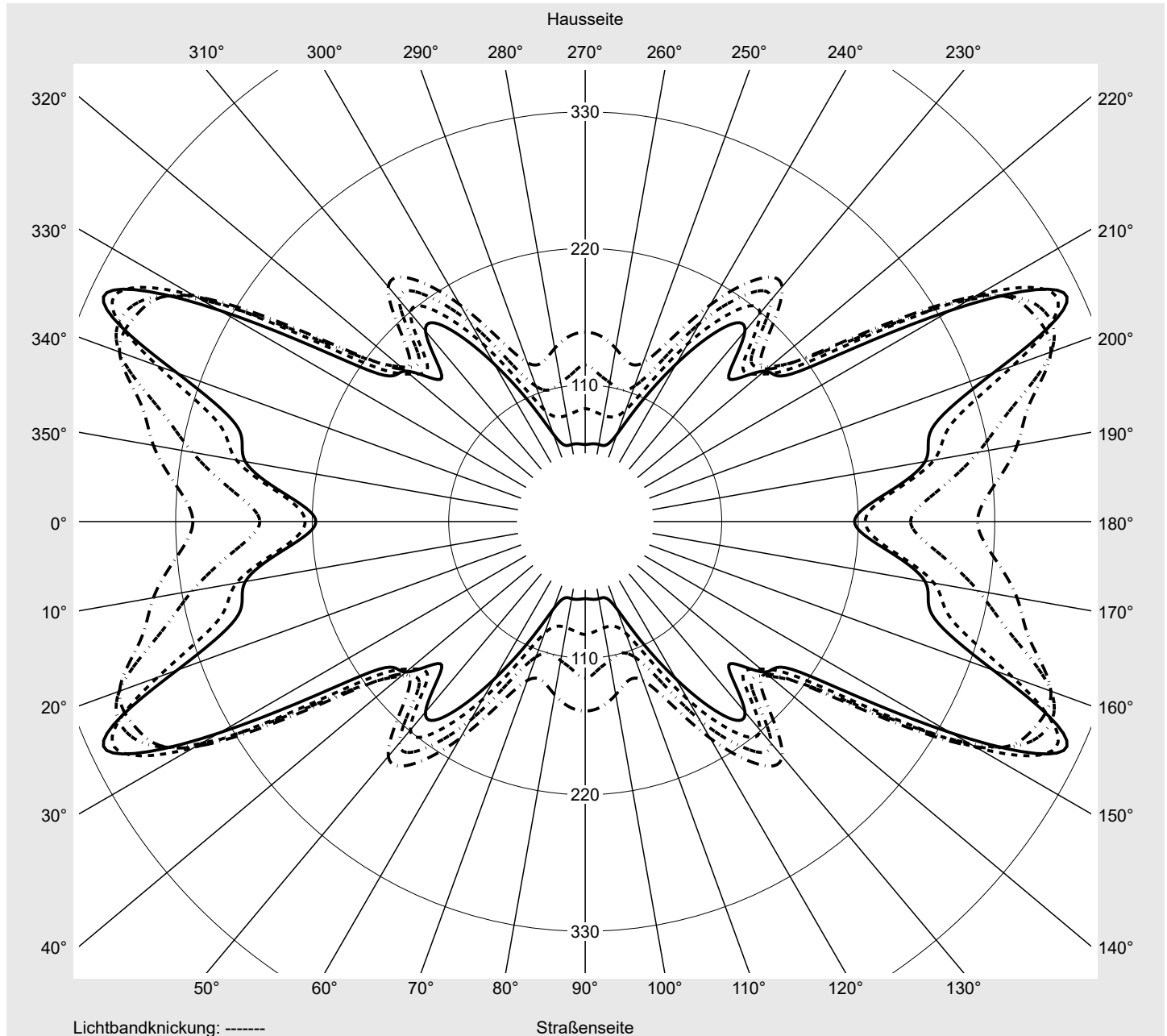
KMK 67,5°

KMK 65°

KMK 62,5°

KMK 60°

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|--|---|-------------------------------------|
| Familie CITY-LIGHT ELEGANCE LED | Bestell-Nr.: 5XA5265JF14H000022 EAN: 4058352636107 | LP-Nummer 57135_33 |
| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | siteco |

| C- Ebenen | 0° 180° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|--------------|------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | | 175° 185° 355° | 170° 190° 350° | 165° 195° 345° | 160° 200° 340° | 155° 205° 335° | 150° 210° 330° | 145° 215° 325° | 140° 220° 320° | 135° 225° 315° |
| γ | | Lichtstärke in cd/klm | | | | | | | | |
| 0,0° | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 |
| 2,5° | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.6 | 15.6 |
| 5,0° | 16.8 | 16.5 | 16.9 | 17.0 | 17.1 | 17.4 | 17.4 | 17.8 | 18.4 | 18.9 |
| 7,5° | 28.2 | 27.5 | 26.3 | 24.4 | 21.9 | 20.0 | 18.7 | 18.4 | 19.9 | 22.1 |
| 10,0° | 36.3 | 35.6 | 36.9 | 37.7 | 35.4 | 30.6 | 26.9 | 26.7 | 31.7 | 37.3 |
| 12,5° | 61.7 | 59.2 | 58.1 | 52.3 | 52.7 | 51.5 | 52.5 | 51.3 | 52.7 | 51.2 |
| 15,0° | 75.7 | 73.2 | 70.9 | 74.3 | 77.4 | 71.4 | 62.2 | 62.1 | 67.3 | 79.1 |
| 17,5° | 106.8 | 105.8 | 105.4 | 97.0 | 94.1 | 89.4 | 87.4 | 86.9 | 78.4 | 87.8 |
| 20,0° | 125.5 | 140.1 | 139.8 | 123.0 | 119.4 | 107.6 | 101.9 | 99.4 | 89.0 | 100.5 |
| 22,5° | 163.6 | 164.4 | 163.1 | 147.0 | 146.9 | 133.3 | 115.5 | 110.0 | 88.1 | 102.0 |
| 25,0° | 161.8 | 160.2 | 158.7 | 150.3 | 152.9 | 144.0 | 134.1 | 129.8 | 91.6 | 108.3 |
| 27,5° | 182.9 | 189.1 | 182.6 | 163.8 | 157.8 | 144.5 | 138.1 | 135.0 | 95.6 | 125.6 |
| 30,0° | 203.1 | 214.3 | 209.5 | 186.2 | 172.9 | 157.6 | 145.8 | 137.7 | 100.7 | 144.3 |
| 32,5° | 214.7 | 220.2 | 213.4 | 199.2 | 188.6 | 181.1 | 169.4 | 157.4 | 115.3 | 168.7 |
| 35,0° | 238.6 | 238.0 | 228.4 | 203.2 | 190.2 | 183.9 | 181.7 | 174.1 | 131.5 | 184.5 |
| 37,5° | 260.3 | 265.9 | 250.3 | 221.7 | 202.6 | 187.9 | 179.6 | 179.1 | 138.1 | 202.2 |
| 40,0° | 276.8 | 272.2 | 258.5 | 232.8 | 221.4 | 205.1 | 192.9 | 185.6 | 143.0 | 223.0 |
| 42,5° | 293.6 | 293.8 | 271.3 | 246.5 | 225.5 | 210.0 | 217.6 | 195.0 | 147.7 | 236.3 |
| 45,0° | 312.1 | 314.5 | 297.9 | 267.5 | 237.7 | 213.5 | 227.5 | 201.8 | 158.0 | 237.7 |
| 47,5° | 320.2 | 332.7 | 326.0 | 298.8 | 253.2 | 225.6 | 245.9 | 209.8 | 167.1 | 247.2 |
| 50,0° | 321.5 | 338.5 | 352.5 | 319.6 | 271.7 | 243.8 | 279.7 | 228.6 | 173.4 | 246.9 |
| 52,5° | 327.8 | 339.9 | 353.2 | 334.8 | 294.4 | 278.5 | 305.6 | 243.1 | 177.6 | 240.4 |
| 55,0° | 337.6 | 347.7 | 350.6 | 355.3 | 329.7 | 325.6 | 332.1 | 252.4 | 184.8 | 232.8 |
| 57,5° | 348.4 | 357.6 | 355.2 | 367.6 | 370.7 | 367.2 | 357.5 | 251.1 | 191.0 | 222.1 |
| 60,0° | 316.1 | 330.7 | 353.3 | 371.3 | 399.3 | 397.5 | 362.7 | 250.4 | 191.2 | 206.5 |
| 62,5° | 262.2 | 285.3 | 321.5 | 356.4 | 399.5 | 405.8 | 357.6 | 244.1 | 193.9 | 190.1 |
| 65,0° | 225.7 | 245.1 | 285.4 | 305.9 | 366.7 | 420.5 | 364.0 | 231.5 | 184.8 | 180.2 |
| 67,5° | 217.1 | 240.8 | 278.1 | 289.3 | 349.9 | 428.3 | 340.4 | 211.6 | 188.6 | 163.6 |
| 70,0° | 243.7 | 265.3 | 282.9 | 297.3 | 326.2 | 379.7 | 303.6 | 186.7 | 161.4 | 140.2 |
| 72,5° | 260.3 | 265.5 | 264.5 | 282.6 | 318.2 | 344.1 | 266.2 | 166.0 | 134.1 | 101.2 |
| 75,0° | 198.8 | 207.5 | 225.2 | 239.9 | 276.3 | 275.7 | 217.6 | 125.3 | 81.1 | 62.2 |
| 77,5° | 163.8 | 152.8 | 151.8 | 165.7 | 177.5 | 167.3 | 145.7 | 73.2 | 39.9 | 49.2 |
| 80,0° | 80.6 | 74.5 | 83.1 | 94.5 | 85.3 | 76.3 | 78.6 | 37.9 | 32.5 | 35.2 |
| 82,5° | 13.8 | 13.9 | 15.2 | 15.5 | 15.3 | 15.5 | 16.0 | 14.4 | 13.0 | 12.1 |
| 85,0° | 12.3 | 12.1 | 13.0 | 13.2 | 12.9 | 12.5 | 12.0 | 11.5 | 9.8 | 8.3 |
| 87,5° | 10.7 | 10.9 | 11.3 | 11.3 | 11.1 | 10.7 | 10.3 | 9.7 | 8.3 | 7.0 |
| 90,0° | 9.5 | 9.3 | 9.6 | 9.7 | 9.3 | 9.0 | 8.8 | 8.2 | 7.1 | 6.1 |
| 105,0° | 6.4 | 6.4 | 6.4 | 6.3 | 6.0 | 5.9 | 5.6 | 5.4 | 5.2 | 4.9 |
| 120,0° | 3.7 | 3.7 | 3.7 | 3.7 | 3.3 | 3.3 | 3.2 | 3.1 | 3.1 | 3.1 |
| 135,0° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.2 |
| 150,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180,0° | 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 | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | Phi-Zone | Summe Phi-Zone |
|--------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|-------------------|
| | 130° | 125° | 120° | 115° | 110° | 105° | 100° | 95° | | | |
| | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° | | |
| | 310° | 305° | 300° | 295° | 290° | 285° | 280° | 275° | | | |
| γ | Lichtstärke in cd/klm | | | | | | | | | Lichtstrom in lm/klm | |
| 0,0° | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 0.0 | 0.0 |
| 2,5° | 15.7 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 0.2 | 0.2 |
| 5,0° | 19.5 | 20.3 | 20.8 | 21.1 | 21.3 | 21.4 | 21.4 | 21.5 | 21.5 | 0.5 | 0.7 |
| 7,5° | 25.1 | 28.3 | 30.4 | 31.7 | 33.4 | 34.7 | 35.6 | 35.8 | 35.9 | 1.0 | 1.6 |
| 10,0° | 42.9 | 45.6 | 47.1 | 47.8 | 47.8 | 47.9 | 47.3 | 47.9 | 47.3 | 1.9 | 3.5 |
| 12,5° | 52.3 | 53.9 | 58.7 | 66.9 | 72.5 | 74.5 | 75.0 | 77.0 | 77.4 | 3.6 | 7.1 |
| 15,0° | 84.6 | 81.2 | 84.9 | 86.3 | 89.3 | 90.8 | 90.8 | 91.1 | 91.8 | 5.6 | 12.7 |
| 17,5° | 90.5 | 84.9 | 95.3 | 103.4 | 109.8 | 116.4 | 119.2 | 119.3 | 118.4 | 8.2 | 20.9 |
| 20,0° | 104.3 | 103.3 | 114.3 | 115.5 | 116.8 | 127.0 | 135.0 | 138.7 | 141.2 | 11.0 | 31.8 |
| 22,5° | 107.2 | 109.0 | 124.1 | 129.7 | 130.0 | 139.8 | 147.7 | 148.3 | 148.9 | 13.8 | 45.6 |
| 25,0° | 110.0 | 115.1 | 135.0 | 140.5 | 140.6 | 147.3 | 154.3 | 155.0 | 156.7 | 16.0 | 61.6 |
| 27,5° | 122.3 | 122.0 | 144.2 | 156.1 | 156.7 | 159.4 | 159.8 | 157.6 | 159.0 | 18.9 | 80.5 |
| 30,0° | 145.0 | 138.2 | 154.7 | 166.3 | 167.4 | 166.8 | 167.1 | 165.7 | 166.1 | 22.3 | 102.7 |
| 32,5° | 169.8 | 156.9 | 167.3 | 180.4 | 179.2 | 174.8 | 173.8 | 172.4 | 173.2 | 26.0 | 128.8 |
| 35,0° | 191.1 | 187.7 | 188.5 | 191.3 | 190.5 | 183.4 | 180.4 | 179.0 | 179.9 | 29.8 | 158.6 |
| 37,5° | 203.3 | 208.9 | 208.9 | 202.1 | 199.0 | 191.1 | 189.5 | 188.8 | 190.2 | 33.8 | 192.4 |
| 40,0° | 220.4 | 221.2 | 225.3 | 212.4 | 205.5 | 198.5 | 199.0 | 198.6 | 200.5 | 37.7 | 230.1 |
| 42,5° | 241.9 | 230.5 | 236.2 | 224.4 | 208.2 | 202.9 | 203.9 | 204.0 | 205.5 | 41.6 | 271.8 |
| 45,0° | 256.2 | 243.7 | 240.9 | 230.7 | 209.4 | 205.6 | 206.9 | 206.5 | 207.8 | 45.4 | 317.2 |
| 47,5° | 263.3 | 252.7 | 242.6 | 229.0 | 206.1 | 205.1 | 206.3 | 205.9 | 206.8 | 49.2 | 366.4 |
| 50,0° | 267.7 | 255.0 | 239.4 | 221.3 | 200.3 | 200.2 | 202.5 | 202.1 | 203.5 | 52.6 | 418.9 |
| 52,5° | 268.8 | 257.8 | 235.8 | 208.7 | 187.0 | 190.4 | 194.5 | 196.0 | 197.3 | 55.2 | 474.1 |
| 55,0° | 266.1 | 258.4 | 228.4 | 194.2 | 171.8 | 175.9 | 181.8 | 185.6 | 188.1 | 57.8 | 532.0 |
| 57,5° | 259.3 | 251.9 | 218.8 | 177.2 | 153.9 | 157.1 | 165.2 | 170.5 | 173.7 | 59.8 | 591.8 |
| 60,0° | 246.8 | 237.3 | 201.5 | 161.0 | 136.2 | 132.9 | 141.6 | 149.7 | 152.6 | 59.4 | 651.2 |
| 62,5° | 233.1 | 221.9 | 184.4 | 140.0 | 116.1 | 109.9 | 113.7 | 119.7 | 126.2 | 56.6 | 707.7 |
| 65,0° | 219.0 | 205.4 | 165.6 | 122.5 | 95.6 | 87.3 | 86.8 | 88.9 | 90.9 | 52.6 | 760.4 |
| 67,5° | 200.2 | 188.3 | 146.5 | 105.6 | 75.0 | 63.7 | 63.1 | 62.9 | 62.1 | 49.7 | 810.1 |
| 70,0° | 178.4 | 166.9 | 124.7 | 89.7 | 61.6 | 44.6 | 41.9 | 40.9 | 41.7 | 46.3 | 856.4 |
| 72,5° | 144.3 | 137.1 | 105.6 | 72.3 | 50.0 | 33.7 | 28.8 | 27.0 | 27.9 | 41.9 | 898.3 |
| 75,0° | 115.8 | 118.7 | 89.4 | 54.8 | 35.7 | 26.8 | 22.6 | 20.3 | 20.6 | 33.9 | 932.2 |
| 77,5° | 93.9 | 97.4 | 73.4 | 39.3 | 23.3 | 20.3 | 18.4 | 16.5 | 16.5 | 23.7 | 955.9 |
| 80,0° | 39.9 | 44.4 | 32.8 | 22.2 | 17.3 | 16.1 | 14.9 | 13.8 | 13.5 | 12.7 | 968.6 |
| 82,5° | 12.3 | 14.4 | 14.7 | 14.2 | 13.6 | 12.8 | 11.6 | 10.6 | 10.3 | 3.7 | 972.4 |
| 85,0° | 8.1 | 10.2 | 10.6 | 10.4 | 10.4 | 10.4 | 9.9 | 8.9 | 8.8 | 3.0 | 975.3 |
| 87,5° | 7.0 | 8.6 | 8.9 | 8.8 | 8.7 | 8.7 | 8.5 | 7.7 | 7.5 | 2.5 | 977.9 |
| 90,0° | 5.8 | 7.2 | 7.4 | 7.5 | 7.5 | 7.5 | 7.3 | 6.9 | 6.7 | 7.6 | 985.4 |
| 105,0° | 4.7 | 4.7 | 5.1 | 5.2 | 5.3 | 5.4 | 5.4 | 5.3 | 5.2 | 8.7 | 994.1 |
| 120,0° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.2 | 3.2 | 2.8 | 2.1 | 4.5 | 998.7 |
| 135,0° | 1.3 | 0.9 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.3 | 1000.0 |
| 150,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 165,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 180,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |

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| Familie CITY-LIGHT ELEGANCE LED | Bestell-Nr.: 5XA5265JF14H000022 EAN: 4058352636107 | LP-Nummer 57135_33 |
| Dimmstufen-Tabelle | | sITeco |
| Umgebungstemperatur: 25°C | | |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100 | 254 | 254 | 2840 | 19.3 | 20.6 | 20.0 |
| 95 | 241 | 252 | 2695 | 18.3 | 19.4 | 18.8 |
| 90 | 229 | 250 | 2560 | 17.3 | 18.4 | 17.8 |
| 85 | 216 | 248 | 2415 | 16.3 | 17.3 | 16.8 |
| 80 | 203 | 246 | 2270 | 15.2 | 16.2 | 15.7 |
| 75 | 190 | 243 | 2124 | 14.2 | 15.1 | 14.6 |
| 70 | 178 | 241 | 1990 | 13.3 | 14.1 | 13.7 |
| 65 | 165 | 238 | 1845 | 12.4 | 13.2 | 12.8 |
| 60 | 152 | 235 | 1700 | 11.4 | 12.1 | 11.8 |
| 55 | 140 | 232 | 1565 | 10.5 | 11.2 | 10.8 |
| 50 | 127 | 229 | 1420 | 9.6 | 10.1 | 9.8 |
| 45 | 114 | 225 | 1275 | 8.7 | 9.2 | 9.0 |
| 40 | 102 | 221 | 1140 | 7.9 | 8.3 | 8.1 |
| 35 | 89 | 216 | 995 | 7.1 | 7.4 | 7.2 |
| 30 | 76 | 210 | 850 | 6.2 | 6.5 | 6.4 |
| 25 | 63 | 203 | 704 | 5.4 | 5.6 | 5.5 |
| 20 | 51 | 195 | 570 | 4.6 | 4.8 | 4.7 |
| 17 | 44 | 190 | 492 | 4.1 | 4.3 | 4.2 |