

Lichttechnischer Prüfbefund

Familie
CITY-LIGHT ELEGANCE LED

Bestell-Nr.: 5XA5265BF14HP
EAN: 4058352834831

LP-Nummer
58721_20



Ausführung Mastaufsatz- oder Montage am Wandausleger
Optik asymmetrisch, extrem breit strahlend (P1.0a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 2200 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 3710 lm
 Systemleistung = 33.6 W
 Lichtausbeute = 110.4 lm/W

Seriendokumentation
24.05.2022

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Lichtstärke in cd/klm

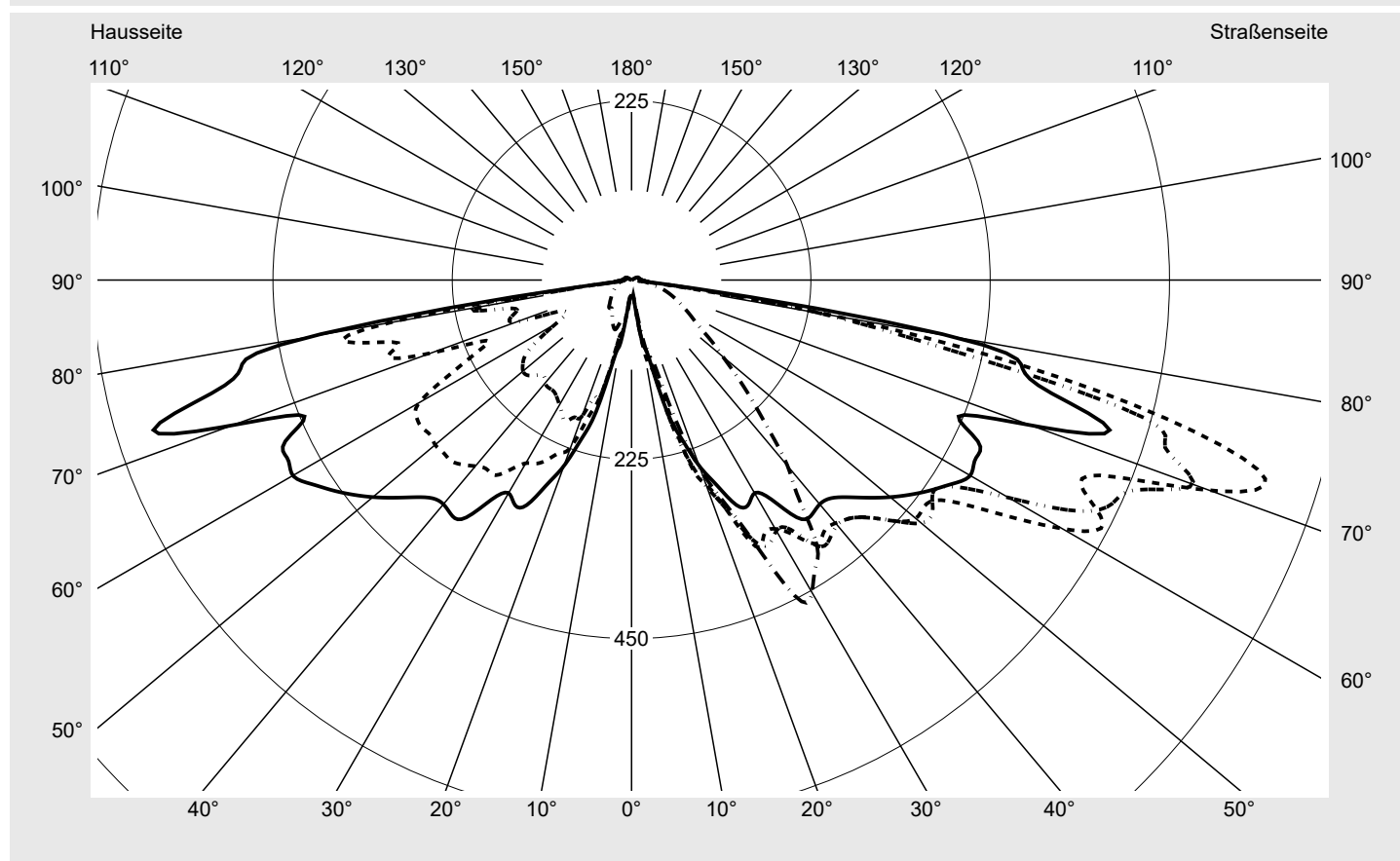
C180-0

C190-10

C195-15

C270-90

Imax: 834 cd/klm



Leuchtenbetriebswirkungsgrade

| | |
|----------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 97.2% |
| Eta 90° - 180° | 2.8% |

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|-------|
| Klasse: | --- |
| Imax 70° | 771.9 |
| Imax 80° | 409.5 |
| Imax 90° | 13.2 |
| Imax >90° | 12.2 |
| Imax >95° | 10.6 |

Messbedingungen

DIN EN 13032 und DIN 5032

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EAN: 4058352834831

LP-Nummer
58721_20

Kegelmantelkurven in cd/klm

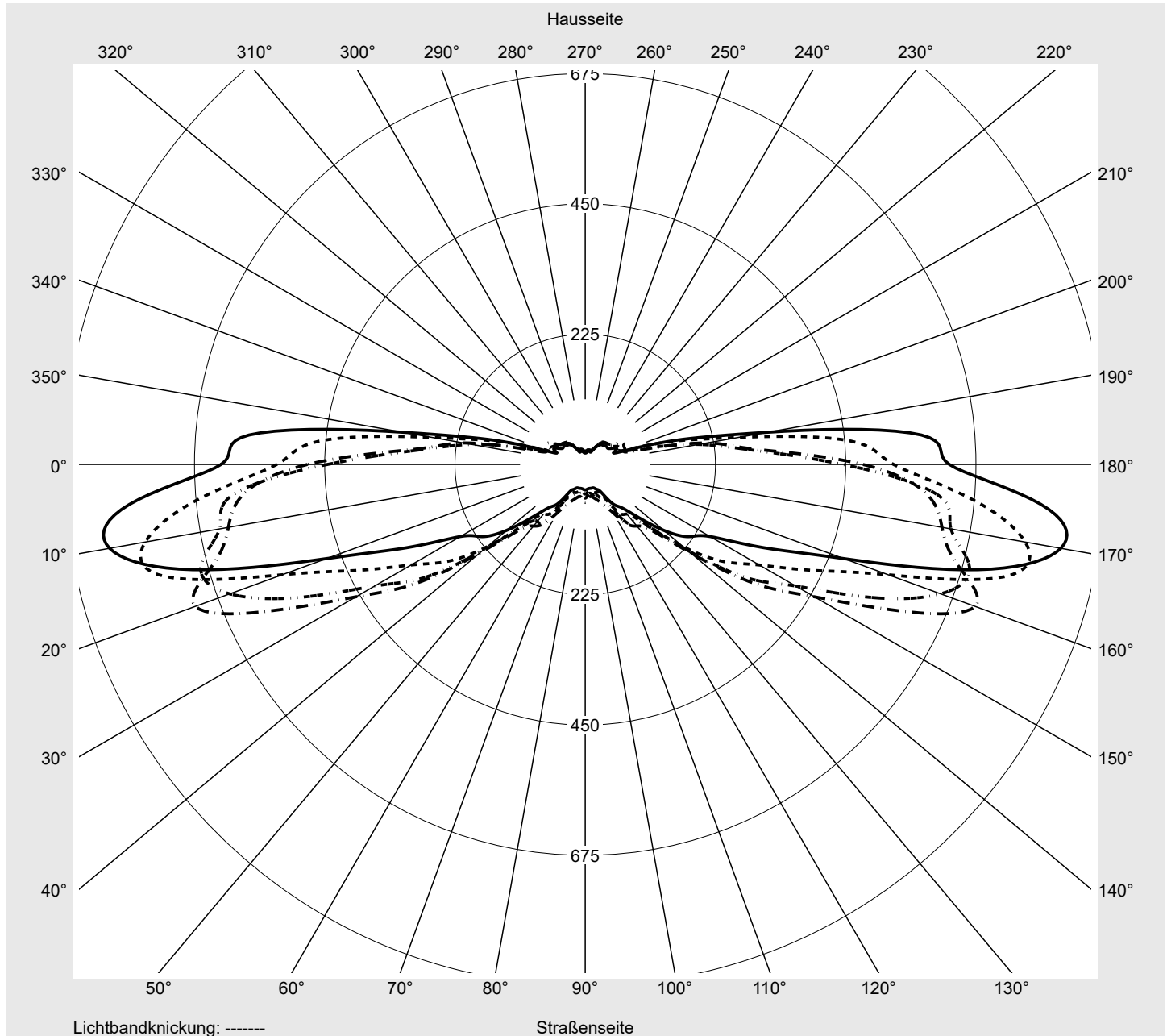
KMK 72,5°

KMK 70°

KMK 67,5°

KMK 65°

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Lichttechnischer Prüfbefund

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| Familie CITY-LIGHT ELEGANCE LED | Bestell-Nr.: 5XA5265BF14HP EAN: 4058352834831 | LP-Nummer 58721_20 |
| 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° | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| 2,5° | 20.7 | 20.7 | 20.9 | 20.9 | 20.9 | 20.7 | 20.7 | 20.7 | 20.7 | 20.6 | 20.6 | 20.6 | 20.6 |
| 5,0° | 21.7 | 21.9 | 22.0 | 21.7 | 21.7 | 21.7 | 21.7 | 21.7 | 21.7 | 21.3 | 21.3 | 21.1 | 21.1 |
| 7,5° | 33.0 | 29.8 | 31.3 | 27.4 | 29.6 | 27.0 | 28.2 | 25.4 | 27.0 | 25.7 | 26.5 | 24.3 | 25.2 |
| 10,0° | 80.6 | 84.8 | 89.7 | 83.0 | 85.0 | 68.4 | 65.2 | 52.1 | 46.1 | 37.4 | 33.5 | 39.1 | 44.5 |
| 12,5° | 98.7 | 98.7 | 112.3 | 88.5 | 110.0 | 114.8 | 123.9 | 97.2 | 89.5 | 59.1 | 60.0 | 61.5 | 75.8 |
| 15,0° | 168.9 | 148.2 | 142.3 | 170.2 | 166.9 | 158.6 | 159.3 | 129.1 | 128.0 | 129.1 | 134.1 | 118.7 | 157.1 |
| 17,5° | 208.9 | 233.8 | 238.9 | 234.5 | 215.8 | 205.6 | 211.0 | 225.2 | 191.3 | 156.3 | 145.8 | 139.1 | 190.2 |
| 20,0° | 248.2 | 279.1 | 273.2 | 276.7 | 277.1 | 251.2 | 265.1 | 254.7 | 214.7 | 215.4 | 228.0 | 224.1 | 239.3 |
| 22,5° | 278.0 | 277.8 | 312.9 | 311.6 | 307.5 | 291.4 | 289.3 | 291.9 | 258.2 | 266.0 | 274.3 | 248.4 | 272.7 |
| 25,0° | 311.7 | 334.7 | 369.0 | 359.7 | 346.0 | 317.9 | 312.3 | 304.1 | 263.2 | 272.7 | 277.1 | 267.1 | 291.2 |
| 27,5° | 317.7 | 347.7 | 360.1 | 373.6 | 354.2 | 342.1 | 346.6 | 340.3 | 281.0 | 284.0 | 286.7 | 276.2 | 297.7 |
| 30,0° | 308.8 | 342.3 | 360.6 | 363.4 | 360.1 | 362.1 | 358.6 | 351.9 | 277.5 | 279.7 | 276.4 | 275.4 | 285.6 |
| 32,5° | 326.4 | 345.6 | 379.4 | 371.2 | 358.2 | 349.9 | 358.4 | 351.6 | 285.6 | 290.3 | 275.6 | 273.4 | 276.9 |
| 35,0° | 364.7 | 383.1 | 404.0 | 407.5 | 383.2 | 367.3 | 375.3 | 352.3 | 287.8 | 288.6 | 283.8 | 271.0 | 266.5 |
| 37,5° | 371.4 | 392.3 | 397.1 | 408.8 | 402.1 | 396.2 | 388.6 | 367.3 | 277.7 | 278.6 | 270.4 | 253.4 | 251.0 |
| 40,0° | 367.3 | 388.4 | 398.2 | 401.6 | 393.2 | 401.8 | 399.0 | 368.2 | 265.6 | 262.3 | 252.3 | 230.2 | 234.1 |
| 42,5° | 371.2 | 387.9 | 405.8 | 405.5 | 392.3 | 384.7 | 398.4 | 356.2 | 249.9 | 241.5 | 237.3 | 209.1 | 214.3 |
| 45,0° | 385.5 | 399.0 | 421.2 | 422.0 | 402.0 | 381.2 | 385.8 | 345.8 | 234.7 | 222.3 | 221.5 | 195.2 | 193.6 |
| 47,5° | 404.4 | 419.4 | 447.7 | 447.3 | 424.9 | 387.7 | 378.1 | 337.9 | 226.2 | 197.1 | 195.0 | 190.2 | 181.9 |
| 50,0° | 423.8 | 439.7 | 465.5 | 474.6 | 448.8 | 407.1 | 388.2 | 329.5 | 214.3 | 170.6 | 173.9 | 183.7 | 168.7 |
| 52,5° | 442.1 | 454.4 | 464.4 | 476.2 | 464.0 | 432.5 | 397.5 | 328.6 | 206.0 | 151.7 | 158.0 | 168.0 | 151.1 |
| 55,0° | 459.6 | 485.9 | 482.7 | 462.3 | 462.2 | 441.0 | 399.7 | 328.8 | 202.5 | 143.9 | 152.4 | 157.6 | 136.5 |
| 57,5° | 476.4 | 525.1 | 545.5 | 483.1 | 481.4 | 455.5 | 398.1 | 331.0 | 203.8 | 141.1 | 150.8 | 143.4 | 119.5 |
| 60,0° | 490.7 | 569.6 | 624.0 | 546.2 | 542.0 | 492.7 | 401.0 | 342.9 | 217.5 | 146.7 | 153.9 | 135.2 | 109.7 |
| 62,5° | 486.4 | 580.1 | 666.8 | 627.2 | 658.9 | 560.9 | 430.7 | 353.4 | 238.8 | 154.5 | 150.6 | 134.3 | 109.5 |
| 65,0° | 479.7 | 592.9 | 625.9 | 665.0 | 716.7 | 597.9 | 457.1 | 359.5 | 238.0 | 159.7 | 138.9 | 125.2 | 96.3 |
| 67,5° | 445.3 | 612.6 | 641.5 | 687.4 | 653.5 | 543.1 | 419.9 | 341.9 | 230.1 | 147.3 | 128.6 | 120.4 | 74.1 |
| 70,0° | 532.7 | 666.8 | 771.9 | 749.4 | 557.0 | 432.7 | 347.3 | 292.5 | 220.8 | 143.0 | 111.9 | 102.2 | 65.2 |
| 72,5° | 629.0 | 790.2 | 834.3 | 702.4 | 475.5 | 340.3 | 249.0 | 217.5 | 177.1 | 128.4 | 97.2 | 82.8 | 55.8 |
| 75,0° | 542.4 | 602.7 | 726.5 | 664.2 | 352.3 | 248.4 | 166.0 | 145.4 | 121.0 | 101.7 | 82.1 | 71.5 | 47.2 |
| 77,5° | 501.6 | 443.4 | 519.6 | 420.7 | 227.6 | 165.0 | 131.3 | 114.5 | 78.4 | 60.8 | 45.9 | 47.8 | 36.9 |
| 80,0° | 409.5 | 341.4 | 257.8 | 242.1 | 170.2 | 122.3 | 94.8 | 88.7 | 52.2 | 39.3 | 29.5 | 30.7 | 27.8 |
| 82,5° | 76.9 | 81.1 | 32.6 | 55.9 | 39.1 | 41.9 | 31.1 | 36.9 | 20.9 | 18.2 | 16.9 | 19.3 | 19.4 |
| 85,0° | 15.7 | 16.1 | 16.3 | 16.9 | 15.9 | 15.6 | 15.0 | 15.2 | 13.2 | 12.8 | 11.7 | 13.5 | 13.5 |
| 87,5° | 14.3 | 14.4 | 14.6 | 15.0 | 14.1 | 13.7 | 13.0 | 12.6 | 11.1 | 10.2 | 9.8 | 11.5 | 11.9 |
| 90,0° | 12.6 | 13.0 | 13.0 | 13.2 | 12.4 | 12.0 | 11.3 | 11.1 | 9.8 | 9.1 | 8.9 | 10.0 | 10.6 |
| 92,5° | 11.9 | 11.9 | 12.0 | 12.2 | 11.3 | 10.9 | 10.6 | 10.2 | 9.3 | 8.7 | 8.5 | 9.4 | 10.0 |
| 95,0° | 11.1 | 10.9 | 11.3 | 11.1 | 10.6 | 10.2 | 10.0 | 9.4 | 8.9 | 8.3 | 8.3 | 9.1 | 9.4 |
| 97,5° | 10.4 | 10.2 | 10.6 | 10.4 | 10.0 | 9.6 | 9.3 | 9.1 | 8.5 | 8.3 | 8.2 | 8.7 | 9.3 |
| 100,0° | 9.8 | 9.8 | 9.8 | 10.0 | 9.4 | 9.3 | 8.9 | 8.9 | 8.3 | 8.2 | 8.0 | 8.5 | 8.9 |
| 102,5° | 9.3 | 9.4 | 9.4 | 9.6 | 9.3 | 8.9 | 8.5 | 8.5 | 8.2 | 8.0 | 8.0 | 8.2 | 8.9 |
| 105,0° | 8.9 | 9.1 | 9.1 | 9.3 | 8.7 | 8.5 | 8.3 | 8.2 | 8.0 | 8.0 | 8.0 | 8.2 | 8.7 |
| 107,5° | 8.7 | 8.7 | 8.7 | 8.9 | 8.5 | 8.2 | 8.2 | 8.0 | 7.8 | 7.8 | 8.2 | 8.2 | 8.7 |
| 110,0° | 8.3 | 8.3 | 8.3 | 8.5 | 8.2 | 8.0 | 7.8 | 7.8 | 7.8 | 7.8 | 8.0 | 8.2 | 8.7 |
| 112,5° | 7.8 | 8.0 | 8.0 | 8.2 | 7.6 | 7.4 | 7.4 | 7.4 | 7.4 | 7.6 | 7.8 | 8.2 | 8.2 |

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| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
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| 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° | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 |
| 2,5° | 20.2 | 20.4 | 20.2 | 20.2 | 20.0 | 20.0 | 20.9 | 20.9 | 20.9 | 20.9 | 21.1 | 20.9 | 21.1 |
| 5,0° | 20.9 | 21.1 | 20.9 | 21.1 | 20.7 | 21.1 | 22.4 | 22.4 | 23.2 | 23.2 | 23.9 | 23.2 | 24.3 |
| 7,5° | 24.8 | 26.7 | 25.2 | 26.7 | 25.4 | 26.7 | 36.3 | 33.0 | 36.7 | 31.5 | 30.2 | 28.9 | 32.2 |
| 10,0° | 41.7 | 47.8 | 48.2 | 55.6 | 51.9 | 57.8 | 77.6 | 70.2 | 66.5 | 55.2 | 47.4 | 38.0 | 42.4 |
| 12,5° | 81.7 | 87.1 | 92.4 | 99.7 | 95.8 | 99.3 | 97.8 | 90.9 | 80.6 | 77.4 | 76.9 | 83.9 | 75.4 |
| 15,0° | 144.7 | 132.8 | 118.2 | 122.1 | 107.4 | 107.4 | 157.1 | 150.6 | 151.5 | 111.5 | 107.1 | 113.5 | 96.5 |
| 17,5° | 185.8 | 185.0 | 186.0 | 192.5 | 179.7 | 184.5 | 226.5 | 180.2 | 152.8 | 115.6 | 122.1 | 118.5 | 113.9 |
| 20,0° | 216.9 | 218.2 | 229.1 | 255.6 | 245.4 | 253.8 | 229.3 | 223.4 | 182.1 | 134.3 | 132.4 | 137.3 | 121.3 |
| 22,5° | 259.5 | 230.1 | 274.5 | 276.7 | 297.9 | 300.4 | 268.8 | 234.7 | 186.3 | 137.4 | 139.1 | 140.4 | 125.2 |
| 25,0° | 281.2 | 252.1 | 329.2 | 350.3 | 348.0 | 362.3 | 277.1 | 248.4 | 195.2 | 134.3 | 141.3 | 140.2 | 136.9 |
| 27,5° | 290.6 | 250.6 | 343.0 | 391.2 | 442.3 | 450.1 | 286.6 | 259.7 | 189.1 | 137.1 | 143.4 | 146.5 | 136.7 |
| 30,0° | 294.1 | 263.2 | 357.3 | 384.9 | 435.5 | 452.7 | 298.0 | 265.4 | 181.0 | 134.5 | 156.3 | 156.2 | 136.9 |
| 32,5° | 281.7 | 263.4 | 353.8 | 385.7 | 429.0 | 429.0 | 312.7 | 281.7 | 174.5 | 130.8 | 167.6 | 164.9 | 135.8 |
| 35,0° | 272.8 | 248.4 | 329.2 | 351.4 | 397.1 | 404.9 | 340.6 | 299.0 | 170.4 | 131.1 | 170.6 | 163.7 | 117.8 |
| 37,5° | 253.2 | 230.2 | 303.2 | 313.6 | 346.0 | 343.4 | 344.9 | 299.0 | 170.6 | 139.3 | 172.1 | 142.1 | 97.6 |
| 40,0° | 235.2 | 212.3 | 271.5 | 273.4 | 303.6 | 304.5 | 353.8 | 304.9 | 168.6 | 142.6 | 163.4 | 113.9 | 92.1 |
| 42,5° | 216.0 | 196.5 | 241.0 | 234.5 | 257.8 | 255.2 | 361.6 | 314.2 | 163.0 | 138.4 | 139.3 | 93.7 | 90.4 |
| 45,0° | 190.0 | 176.3 | 209.7 | 196.2 | 212.1 | 214.9 | 370.8 | 320.6 | 168.9 | 128.7 | 108.7 | 86.1 | 87.6 |
| 47,5° | 167.6 | 154.5 | 181.9 | 162.8 | 175.8 | 180.0 | 381.2 | 320.4 | 176.9 | 114.8 | 89.1 | 85.6 | 83.5 |
| 50,0° | 150.6 | 134.5 | 153.4 | 133.4 | 142.4 | 149.7 | 396.6 | 321.7 | 177.8 | 97.4 | 87.4 | 84.7 | 79.6 |
| 52,5° | 135.4 | 119.7 | 133.4 | 113.9 | 120.4 | 127.4 | 409.4 | 318.8 | 171.9 | 85.9 | 90.9 | 84.7 | 75.4 |
| 55,0° | 119.3 | 104.7 | 113.4 | 95.4 | 99.8 | 106.3 | 418.1 | 321.9 | 161.3 | 83.4 | 93.4 | 84.8 | 70.6 |
| 57,5° | 104.7 | 92.1 | 94.5 | 81.9 | 83.5 | 92.6 | 423.3 | 320.1 | 137.4 | 81.9 | 91.3 | 79.3 | 68.2 |
| 60,0° | 94.1 | 81.5 | 82.6 | 71.7 | 74.3 | 82.6 | 419.0 | 307.7 | 109.8 | 79.3 | 84.8 | 78.5 | 66.7 |
| 62,5° | 84.1 | 70.9 | 69.5 | 63.3 | 65.9 | 73.4 | 368.6 | 258.0 | 92.2 | 74.6 | 77.8 | 77.4 | 65.0 |
| 65,0° | 78.2 | 66.9 | 60.2 | 56.1 | 59.3 | 65.6 | 297.9 | 213.6 | 92.8 | 72.4 | 73.7 | 73.9 | 61.7 |
| 67,5° | 63.7 | 55.6 | 54.3 | 50.6 | 53.0 | 58.2 | 287.5 | 198.9 | 108.4 | 67.6 | 66.5 | 67.8 | 57.2 |
| 70,0° | 52.2 | 51.7 | 49.3 | 46.5 | 48.2 | 51.1 | 461.4 | 268.0 | 152.8 | 70.2 | 64.6 | 62.2 | 54.1 |
| 72,5° | 47.6 | 43.2 | 42.4 | 42.0 | 42.8 | 44.1 | 582.9 | 320.1 | 159.9 | 61.5 | 59.3 | 55.8 | 48.2 |
| 75,0° | 41.5 | 40.4 | 39.6 | 37.8 | 35.8 | 36.3 | 546.2 | 304.0 | 149.1 | 50.4 | 51.5 | 49.6 | 44.3 |
| 77,5° | 38.3 | 36.5 | 36.7 | 31.3 | 26.5 | 27.0 | 409.7 | 361.8 | 167.6 | 53.2 | 47.2 | 44.3 | 38.9 |
| 80,0° | 32.0 | 29.6 | 31.1 | 24.6 | 20.9 | 21.5 | 221.7 | 310.8 | 192.5 | 51.1 | 41.3 | 38.3 | 33.7 |
| 82,5° | 22.2 | 20.9 | 23.0 | 18.3 | 18.0 | 16.7 | 28.9 | 61.3 | 30.9 | 26.1 | 24.3 | 23.9 | 20.0 |
| 85,0° | 14.1 | 13.9 | 14.1 | 13.5 | 13.2 | 13.0 | 15.0 | 15.7 | 15.4 | 15.9 | 14.4 | 14.4 | 13.0 |
| 87,5° | 12.2 | 12.4 | 12.8 | 12.4 | 12.0 | 11.9 | 13.7 | 14.3 | 13.7 | 13.3 | 12.8 | 12.4 | 11.5 |
| 90,0° | 10.9 | 11.1 | 11.3 | 11.3 | 11.1 | 11.1 | 12.2 | 12.6 | 12.2 | 11.9 | 11.3 | 10.9 | 9.8 |
| 92,5° | 10.4 | 10.7 | 10.9 | 10.9 | 10.6 | 10.4 | 11.5 | 11.7 | 11.3 | 10.9 | 10.6 | 10.2 | 9.1 |
| 95,0° | 9.8 | 10.4 | 10.4 | 10.6 | 10.4 | 10.4 | 10.9 | 10.9 | 10.6 | 10.2 | 9.8 | 9.4 | 8.5 |
| 97,5° | 9.6 | 10.0 | 10.4 | 10.2 | 10.0 | 10.0 | 10.0 | 10.4 | 9.8 | 9.6 | 9.1 | 8.7 | 8.0 |
| 100,0° | 9.3 | 9.6 | 10.0 | 10.0 | 9.8 | 9.6 | 9.4 | 9.6 | 9.4 | 9.1 | 8.7 | 8.3 | 7.4 |
| 102,5° | 9.3 | 9.3 | 9.6 | 9.6 | 9.6 | 9.6 | 9.3 | 9.1 | 9.1 | 8.7 | 8.3 | 7.8 | 7.2 |
| 105,0° | 9.1 | 9.3 | 9.6 | 9.6 | 9.4 | 9.3 | 8.7 | 8.7 | 8.7 | 8.3 | 7.6 | 7.2 | 6.9 |
| 107,5° | 8.9 | 9.1 | 9.6 | 9.4 | 9.3 | 9.3 | 8.3 | 8.5 | 8.0 | 8.0 | 7.4 | 7.0 | 6.5 |
| 110,0° | 8.7 | 9.3 | 9.4 | 9.3 | 9.3 | 9.3 | 8.2 | 8.0 | 7.8 | 7.4 | 6.9 | 6.5 | 6.3 |
| 112,5° | 8.7 | 8.9 | 9.3 | 8.9 | 8.9 | 8.9 | 7.6 | 7.6 | 7.4 | 6.9 | 6.5 | 6.1 | 5.9 |

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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° | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 20.2 | 0.0 | 0.0 |
| 2,5° | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.7 | 20.6 | 20.6 | 20.7 | 20.7 | 0.2 | 0.3 |
| 5,0° | 23.9 | 24.5 | 24.1 | 25.6 | 24.6 | 25.7 | 24.3 | 25.2 | 23.9 | 24.8 | 23.7 | 0.5 | 0.8 |
| 7,5° | 33.3 | 37.4 | 40.9 | 39.8 | 41.7 | 44.5 | 42.0 | 42.8 | 41.9 | 44.5 | 42.6 | 1.2 | 2.0 |
| 10,0° | 38.5 | 43.7 | 45.6 | 51.3 | 52.4 | 50.8 | 48.7 | 48.3 | 47.6 | 47.8 | 48.5 | 2.6 | 4.6 |
| 12,5° | 72.8 | 80.8 | 78.7 | 69.1 | 65.4 | 59.3 | 55.6 | 53.9 | 54.5 | 53.3 | 52.6 | 4.9 | 9.5 |
| 15,0° | 88.0 | 89.3 | 87.6 | 85.8 | 75.2 | 71.3 | 60.4 | 60.2 | 58.2 | 56.5 | 54.8 | 8.4 | 17.8 |
| 17,5° | 98.2 | 94.5 | 85.8 | 77.2 | 73.4 | 65.0 | 66.9 | 63.2 | 61.3 | 61.3 | 64.1 | 12.4 | 30.2 |
| 20,0° | 106.7 | 101.1 | 94.5 | 91.9 | 92.1 | 70.6 | 65.9 | 59.3 | 59.1 | 60.4 | 64.5 | 17.0 | 47.2 |
| 22,5° | 114.8 | 106.7 | 92.4 | 84.7 | 82.6 | 65.2 | 61.5 | 57.6 | 57.8 | 60.6 | 60.8 | 21.0 | 68.3 |
| 25,0° | 119.1 | 101.1 | 85.0 | 73.7 | 70.6 | 58.3 | 58.0 | 55.8 | 56.1 | 56.7 | 56.7 | 25.1 | 93.4 |
| 27,5° | 121.0 | 90.9 | 71.7 | 65.4 | 62.8 | 55.0 | 54.1 | 53.7 | 51.3 | 53.0 | 52.6 | 28.7 | 122.1 |
| 30,0° | 104.8 | 70.4 | 60.2 | 61.3 | 61.5 | 55.2 | 52.6 | 53.7 | 48.7 | 49.5 | 48.5 | 31.0 | 153.0 |
| 32,5° | 92.6 | 67.1 | 63.7 | 66.5 | 63.3 | 53.2 | 49.8 | 50.8 | 47.0 | 47.4 | 46.7 | 33.4 | 186.4 |
| 35,0° | 83.7 | 71.3 | 68.4 | 69.6 | 66.3 | 54.3 | 48.9 | 50.4 | 45.9 | 44.8 | 43.3 | 36.1 | 222.5 |
| 37,5° | 81.1 | 68.5 | 65.9 | 68.4 | 65.6 | 53.5 | 49.3 | 50.8 | 46.7 | 45.8 | 44.5 | 37.3 | 259.8 |
| 40,0° | 79.8 | 65.6 | 63.5 | 67.1 | 63.3 | 52.1 | 47.8 | 49.5 | 45.8 | 44.6 | 44.1 | 37.9 | 297.8 |
| 42,5° | 78.5 | 62.4 | 61.3 | 66.1 | 63.0 | 50.8 | 46.5 | 46.7 | 43.2 | 41.3 | 40.8 | 38.1 | 335.9 |
| 45,0° | 76.5 | 61.5 | 60.2 | 64.6 | 60.2 | 48.0 | 44.3 | 44.1 | 40.2 | 38.5 | 38.2 | 38.4 | 374.3 |
| 47,5° | 74.3 | 59.5 | 58.5 | 62.2 | 57.2 | 45.2 | 42.2 | 41.3 | 38.0 | 35.9 | 35.6 | 39.0 | 413.3 |
| 50,0° | 70.9 | 57.8 | 57.2 | 60.0 | 54.8 | 42.8 | 39.6 | 38.9 | 35.9 | 33.5 | 33.3 | 39.8 | 453.2 |
| 52,5° | 68.0 | 56.1 | 56.1 | 57.2 | 51.9 | 40.2 | 37.4 | 36.7 | 34.3 | 31.7 | 31.5 | 40.5 | 493.7 |
| 55,0° | 63.7 | 54.3 | 55.0 | 54.3 | 48.7 | 38.0 | 35.0 | 34.3 | 32.2 | 29.5 | 29.3 | 41.1 | 534.8 |
| 57,5° | 60.4 | 53.2 | 53.5 | 51.5 | 45.6 | 35.8 | 33.3 | 32.2 | 30.7 | 27.8 | 27.4 | 42.4 | 577.2 |
| 60,0° | 58.0 | 52.2 | 52.6 | 48.7 | 42.0 | 33.7 | 31.1 | 30.4 | 28.9 | 26.3 | 25.9 | 44.7 | 621.9 |
| 62,5° | 55.0 | 53.0 | 51.5 | 46.5 | 38.9 | 31.5 | 29.3 | 28.9 | 27.6 | 24.6 | 24.5 | 47.0 | 668.8 |
| 65,0° | 54.3 | 52.1 | 49.5 | 44.3 | 36.1 | 29.5 | 27.8 | 27.4 | 25.9 | 23.3 | 23.3 | 47.4 | 716.3 |
| 67,5° | 54.1 | 52.1 | 47.8 | 43.0 | 33.5 | 27.8 | 26.3 | 26.1 | 24.6 | 22.2 | 22.2 | 46.3 | 762.5 |
| 70,0° | 52.4 | 51.1 | 50.2 | 45.2 | 33.3 | 25.9 | 25.0 | 24.8 | 23.5 | 21.5 | 21.1 | 48.4 | 810.9 |
| 72,5° | 48.2 | 45.8 | 44.3 | 40.0 | 32.0 | 23.9 | 23.3 | 23.3 | 22.2 | 20.2 | 19.6 | 48.2 | 859.2 |
| 75,0° | 42.4 | 38.2 | 39.1 | 31.9 | 27.0 | 22.0 | 21.7 | 21.7 | 20.7 | 18.2 | 17.8 | 41.0 | 900.1 |
| 77,5° | 37.4 | 32.8 | 32.4 | 26.7 | 24.1 | 20.6 | 20.0 | 20.2 | 18.9 | 16.7 | 16.3 | 32.4 | 932.5 |
| 80,0° | 29.3 | 26.9 | 26.5 | 24.8 | 22.0 | 19.3 | 18.9 | 18.7 | 17.4 | 15.6 | 14.8 | 23.8 | 956.3 |
| 82,5° | 18.9 | 15.6 | 16.7 | 18.7 | 17.2 | 15.0 | 15.2 | 15.0 | 14.4 | 13.2 | 12.6 | 7.4 | 963.7 |
| 85,0° | 10.9 | 9.4 | 10.6 | 12.0 | 12.4 | 12.4 | 12.4 | 12.6 | 12.2 | 11.1 | 10.4 | 3.7 | 967.5 |
| 87,5° | 9.4 | 8.3 | 8.9 | 10.6 | 11.3 | 10.9 | 11.3 | 11.3 | 10.7 | 10.0 | 9.3 | 3.3 | 970.8 |
| 90,0° | 8.2 | 7.4 | 7.8 | 9.3 | 9.8 | 9.8 | 9.8 | 10.0 | 9.6 | 8.9 | 8.5 | 2.9 | 973.7 |
| 92,5° | 7.8 | 7.0 | 7.2 | 8.3 | 9.1 | 9.1 | 9.1 | 9.3 | 8.9 | 8.2 | 7.8 | 2.7 | 976.4 |
| 95,0° | 7.4 | 6.7 | 6.9 | 7.8 | 8.3 | 8.3 | 8.5 | 8.5 | 8.2 | 7.8 | 7.4 | 2.6 | 979.0 |
| 97,5° | 7.0 | 6.5 | 6.5 | 7.2 | 7.6 | 7.6 | 8.0 | 8.0 | 7.8 | 7.2 | 7.0 | 2.4 | 981.4 |
| 100,0° | 6.9 | 6.3 | 6.3 | 6.5 | 7.0 | 7.0 | 7.2 | 7.4 | 7.4 | 6.7 | 6.7 | 2.3 | 983.7 |
| 102,5° | 6.7 | 6.3 | 5.9 | 6.3 | 6.7 | 6.7 | 6.9 | 6.9 | 6.7 | 6.3 | 6.3 | 2.2 | 985.9 |
| 105,0° | 6.5 | 6.1 | 5.9 | 6.1 | 6.3 | 6.5 | 6.5 | 6.7 | 6.7 | 6.3 | 5.9 | 2.1 | 988.0 |
| 107,5° | 6.1 | 6.1 | 5.9 | 5.9 | 6.3 | 6.3 | 6.1 | 6.5 | 6.3 | 5.9 | 5.9 | 2.0 | 990.0 |
| 110,0° | 6.1 | 5.9 | 5.9 | 5.6 | 6.1 | 5.7 | 6.1 | 6.3 | 6.1 | 5.6 | 5.9 | 1.9 | 991.9 |
| 112,5° | 5.7 | 5.6 | 5.7 | 5.4 | 5.6 | 5.6 | 5.9 | 5.7 | 5.7 | 5.4 | 5.6 | 1.8 | 993.7 |

Lichttechnischer Prüfbefund

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| Familie CITY-LIGHT ELEGANCE LED | Bestell-Nr.: 5XA5265BF14HP EAN: 4058352834831 | LP-Nummer 58721_20 |
| 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 | | | | | | | | | | | | |
| 115,0° | 7.0 | 7.2 | 7.2 | 7.2 | 6.9 | 6.9 | 6.7 | 6.9 | 6.9 | 7.2 | 7.6 | 8.0 | 7.8 |
| 117,5° | 6.1 | 6.1 | 6.1 | 6.3 | 5.7 | 5.7 | 5.7 | 6.1 | 5.9 | 6.3 | 6.7 | 7.0 | 6.9 |
| 120,0° | 4.3 | 4.4 | 4.3 | 4.6 | 4.3 | 4.4 | 4.3 | 4.4 | 4.4 | 4.8 | 5.0 | 5.6 | 5.2 |
| 122,5° | 2.6 | 2.6 | 2.6 | 2.8 | 2.6 | 2.8 | 2.8 | 2.8 | 3.0 | 3.1 | 3.3 | 3.9 | 3.7 |
| 125,0° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.2 | 2.2 | 2.4 | 2.4 | 2.6 | 3.1 | 3.3 | 3.5 |
| 127,5° | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.9 | 1.9 | 2.0 | 2.0 | 2.6 | 2.8 | 3.1 | 3.1 |
| 130,0° | 1.3 | 1.3 | 1.3 | 1.5 | 1.3 | 1.5 | 1.5 | 1.7 | 1.7 | 1.9 | 2.2 | 2.6 | 2.6 |
| 132,5° | 0.9 | 0.9 | 0.9 | 1.1 | 0.9 | 1.1 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 | 2.0 | 1.9 |
| 135,0° | 0.6 | 0.6 | 0.6 | 0.7 | 0.6 | 0.6 | 0.7 | 0.9 | 1.1 | 1.3 | 1.3 | 1.5 | 1.5 |
| 137,5° | 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 |
| 140,0° | 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 |
| 142,5° | 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 |
| 145,0° | 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 |
| 147,5° | 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 |
| 150,0° | 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 |
| 165,0° | 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 |
| 180,0° | 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 |

Lichttechnischer Prüfbefund

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| Familie CITY-LIGHT ELEGANCE LED | Bestell-Nr.: 5XA5265BF14HP EAN: 4058352834831 | LP-Nummer 58721_20 |
| | | 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 | | | | | | | | | | | | |
| 115,0° | 8.2 | 8.3 | 8.7 | 8.3 | 8.2 | 8.2 | 7.0 | 6.9 | 6.7 | 6.3 | 5.9 | 5.7 | 5.4 |
| 117,5° | 7.2 | 7.0 | 7.4 | 7.2 | 7.0 | 7.0 | 5.7 | 5.7 | 5.4 | 5.2 | 4.8 | 4.8 | 4.4 |
| 120,0° | 5.4 | 5.4 | 5.6 | 5.2 | 5.2 | 5.2 | 3.9 | 4.1 | 3.9 | 3.7 | 3.3 | 3.3 | 3.0 |
| 122,5° | 3.5 | 3.5 | 3.5 | 3.1 | 3.1 | 3.0 | 2.4 | 2.6 | 2.2 | 2.2 | 2.0 | 2.0 | 2.0 |
| 125,0° | 3.1 | 3.1 | 3.0 | 2.8 | 2.6 | 2.6 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.7 | 1.7 |
| 127,5° | 2.8 | 2.8 | 2.4 | 2.4 | 2.2 | 2.2 | 1.7 | 1.7 | 1.7 | 1.5 | 1.3 | 1.3 | 1.3 |
| 130,0° | 2.4 | 2.2 | 2.0 | 1.9 | 1.9 | 1.9 | 1.3 | 1.3 | 1.3 | 1.1 | 1.1 | 1.1 | 0.9 |
| 132,5° | 1.7 | 1.5 | 1.5 | 1.3 | 1.3 | 1.1 | 0.7 | 0.9 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 135,0° | 1.3 | 1.1 | 1.1 | 0.7 | 0.7 | 0.7 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 137,5° | 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 |
| 140,0° | 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 |
| 142,5° | 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 |
| 145,0° | 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 |
| 147,5° | 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 |
| 150,0° | 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 |
| 165,0° | 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 |
| 180,0° | 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 |

| 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 | |
| 115,0° | 5.2 | 5.0 | 5.4 | 5.0 | 5.2 | 5.0 | 5.4 | 5.4 | 5.2 | 5.0 | 5.2 | 1.6 | 995.4 |
| 117,5° | 4.4 | 4.1 | 4.4 | 4.3 | 4.6 | 4.1 | 4.6 | 4.6 | 4.4 | 4.3 | 4.1 | 1.4 | 996.7 |
| 120,0° | 3.1 | 2.8 | 3.1 | 3.0 | 3.5 | 3.3 | 3.5 | 3.5 | 3.3 | 3.1 | 3.0 | 1.0 | 997.7 |
| 122,5° | 2.0 | 1.7 | 1.9 | 2.2 | 2.4 | 2.2 | 2.6 | 2.4 | 2.4 | 2.2 | 2.2 | 0.6 | 998.3 |
| 125,0° | 1.5 | 1.5 | 1.7 | 1.9 | 2.2 | 2.2 | 2.4 | 2.4 | 2.2 | 2.2 | 2.2 | 0.5 | 998.8 |
| 127,5° | 1.3 | 1.1 | 1.5 | 1.5 | 1.9 | 1.9 | 2.2 | 2.4 | 2.4 | 2.2 | 2.2 | 0.4 | 999.3 |
| 130,0° | 0.9 | 0.9 | 1.1 | 1.1 | 1.7 | 1.9 | 2.0 | 2.4 | 2.2 | 2.0 | 1.9 | 0.3 | 999.6 |
| 132,5° | 0.7 | 0.7 | 0.9 | 0.9 | 1.1 | 1.3 | 1.5 | 1.9 | 2.0 | 1.9 | 1.9 | 0.2 | 999.8 |
| 135,0° | 0.4 | 0.4 | 0.4 | 0.6 | 0.9 | 0.9 | 1.3 | 1.9 | 1.9 | 1.9 | 1.9 | 0.2 | 1000.0 |
| 137,5° | 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 |
| 140,0° | 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 |
| 142,5° | 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 |
| 145,0° | 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 |
| 147,5° | 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 |
| 150,0° | 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 |
| 165,0° | 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 |
| 180,0° | 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 CITY-LIGHT ELEGANCE LED | Bestell-Nr.: 5XA5265BF14HP EAN: 4058352834831 | LP-Nummer 58721_20 |
| 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 | 3710 | 33.6 | 35.9 | 34.8 |
| 95 | 241 | 252 | 3520 | 31.3 | 33.5 | 32.4 |
| 90 | 229 | 250 | 3345 | 29.4 | 31.4 | 30.4 |
| 85 | 216 | 248 | 3155 | 27.3 | 29.2 | 28.2 |
| 80 | 203 | 246 | 2965 | 25.4 | 27.1 | 26.2 |
| 75 | 190 | 243 | 2775 | 23.5 | 25.1 | 24.3 |
| 70 | 178 | 241 | 2600 | 21.9 | 23.3 | 22.6 |
| 65 | 165 | 238 | 2410 | 20.1 | 21.4 | 20.8 |
| 60 | 152 | 235 | 2220 | 18.4 | 19.5 | 19.0 |
| 55 | 140 | 232 | 2045 | 16.8 | 17.9 | 17.4 |
| 50 | 127 | 229 | 1855 | 15.2 | 16.2 | 15.7 |
| 45 | 114 | 225 | 1665 | 13.6 | 14.5 | 14.0 |
| 40 | 102 | 221 | 1490 | 12.2 | 13.0 | 12.6 |
| 35 | 89 | 216 | 1300 | 10.7 | 11.3 | 11.0 |
| 30 | 76 | 210 | 1110 | 9.2 | 9.7 | 9.4 |
| 25 | 63 | 203 | 920 | 7.8 | 8.2 | 8.0 |
| 20 | 51 | 195 | 745 | 6.6 | 6.9 | 6.8 |
| 15 | 38 | 184 | 555 | 5.2 | 5.4 | 5.3 |
| 11 | 28 | 173 | 409 | 4.1 | 4.3 | 4.2 |