

Lichttechnischer Prüfbefund

Familie
CITY-LIGHT 400 LED

Bestell-Nr.: 5XA5305KF14HP
EAN: 4058352835975

LP-Nummer
58722_51



| | |
|------------------------|--|
| Ausführung | Mastaufsatz- oder Montage am Wandausleger |
| Optik | asymmetrisch, breit strahlend (ST1.2a) |
| Abdeckung | Abdeckung klar, PMMA |
| Bestückung | LED 4000 K CRI ≥ 70 |
| Betriebsgerät | EVG SITECO iQ |
| Bemessungswerte | Nettolichtstrom = 4940 lm Systemleistung = 33.6 W Lichtausbeute = 147 lm/W |

Seriendokumentation
24.05.2022

siteco

Lichtstärke in cd/klm

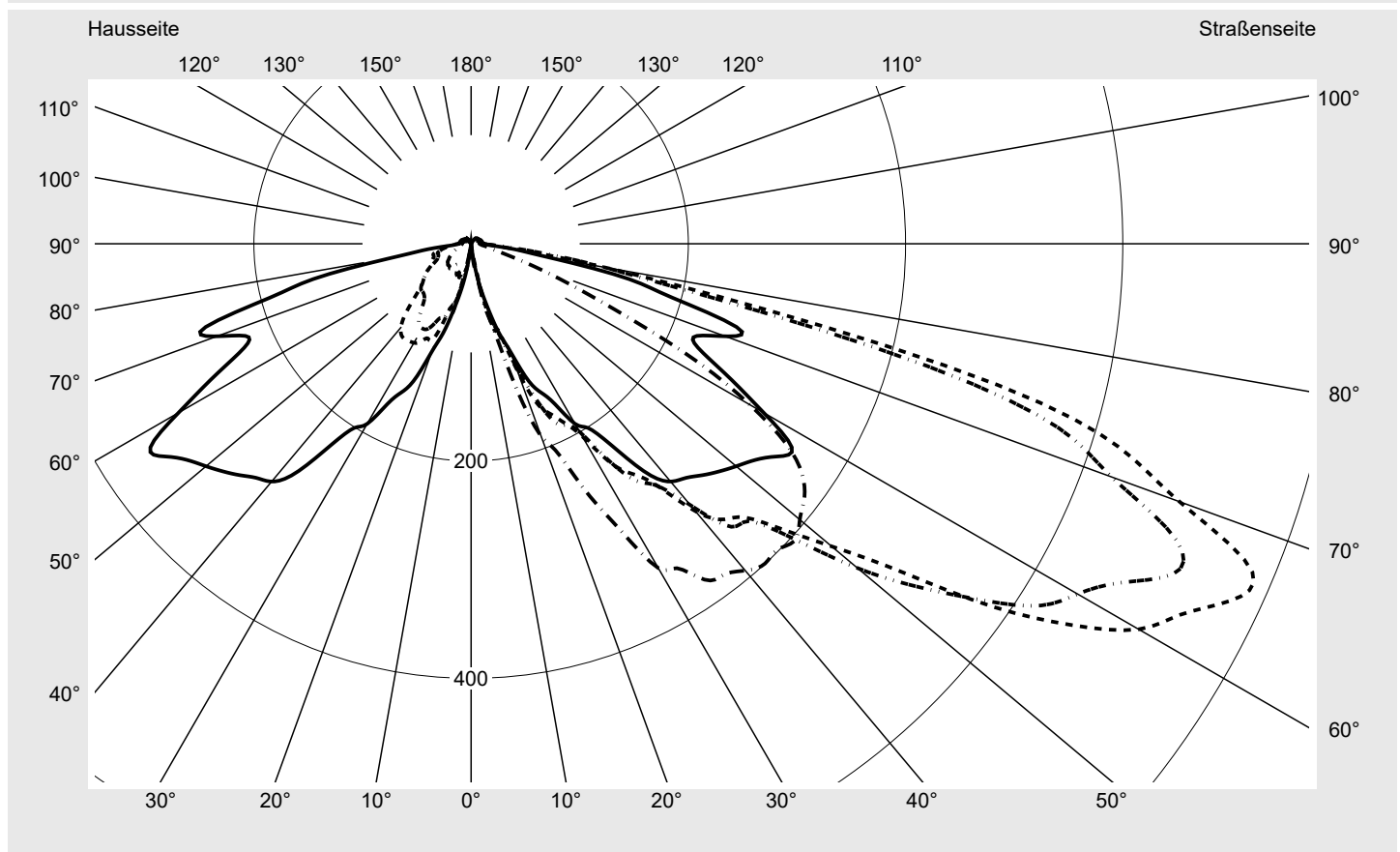
C180-0

C205-25

C210-30

C270-90

Imax: 775 cd/klm



Leuchtenbetriebswirkungsgrade

| | |
|----------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 95.9% |
| Eta 90° - 180° | 4.1% |

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|-------|
| Klasse: | G2 |
| Imax 70° | 693.9 |
| Imax 80° | 135.9 |
| Imax 90° | 11.6 |
| Imax >90° | 11.2 |
| Imax >95° | 10.7 |

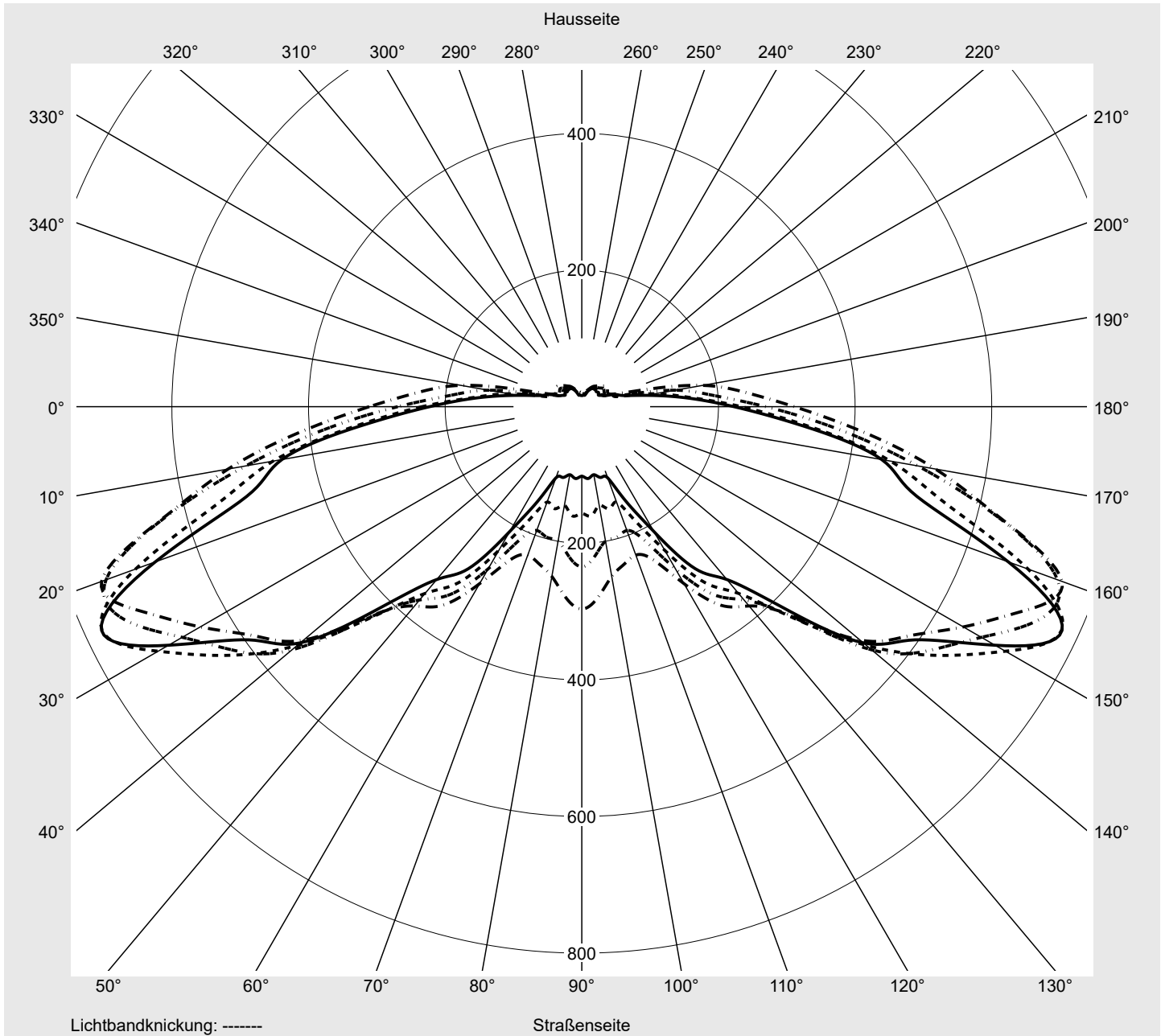
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

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| Familie CITY-LIGHT 400 LED | Bestell-Nr.: 5XA5305KF14HP EAN: 4058352835975 | LP-Nummer 58722_51 |
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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°** **siteco**



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|---|--|-------------------------------------|
| Familie CITY-LIGHT 400 LED | Bestell-Nr.: 5XA5305KF14HP EAN: 4058352835975 | LP-Nummer 58722_51 |
| 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° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 2,5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.7 | 0.5 | 0.7 |
| 5,0° | 1.4 | 1.4 | 2.0 | 1.9 | 2.6 | 2.2 | 2.9 | 2.2 | 3.1 | 2.6 | 3.4 | 3.1 | 4.3 |
| 7,5° | 7.7 | 7.5 | 9.9 | 7.5 | 7.0 | 5.6 | 5.4 | 5.3 | 5.6 | 6.6 | 8.5 | 10.9 | 13.1 |
| 10,0° | 27.1 | 25.9 | 26.6 | 21.8 | 24.7 | 16.0 | 18.1 | 11.6 | 18.1 | 16.5 | 23.0 | 21.3 | 23.0 |
| 12,5° | 45.6 | 41.4 | 45.8 | 36.3 | 44.6 | 50.2 | 59.1 | 52.4 | 54.7 | 50.2 | 47.8 | 39.3 | 34.7 |
| 15,0° | 64.7 | 57.7 | 57.9 | 68.5 | 70.7 | 81.9 | 74.1 | 62.8 | 65.4 | 63.2 | 75.6 | 74.6 | 76.5 |
| 17,5° | 87.0 | 93.8 | 101.0 | 96.5 | 93.8 | 83.9 | 90.2 | 100.6 | 109.1 | 104.7 | 112.4 | 100.5 | 102.8 |
| 20,0° | 105.4 | 122.9 | 137.1 | 116.1 | 131.8 | 123.6 | 118.7 | 112.0 | 110.7 | 107.6 | 120.7 | 136.2 | 132.6 |
| 22,5° | 134.5 | 157.5 | 163.6 | 161.9 | 176.9 | 159.4 | 152.6 | 140.1 | 134.2 | 131.5 | 142.2 | 156.1 | 156.5 |
| 25,0° | 150.5 | 143.7 | 158.7 | 160.7 | 173.5 | 172.8 | 180.5 | 180.7 | 165.5 | 149.8 | 160.1 | 159.2 | 188.8 |
| 27,5° | 165.5 | 175.0 | 186.5 | 178.1 | 189.0 | 185.8 | 188.0 | 208.6 | 197.5 | 188.2 | 185.1 | 181.0 | 204.0 |
| 30,0° | 191.4 | 204.2 | 220.3 | 211.0 | 218.1 | 204.7 | 199.9 | 212.7 | 210.8 | 221.9 | 216.9 | 196.5 | 219.0 |
| 32,5° | 201.3 | 207.9 | 217.3 | 227.2 | 237.4 | 239.1 | 237.5 | 230.7 | 227.2 | 239.4 | 255.2 | 231.7 | 243.8 |
| 35,0° | 228.0 | 231.6 | 244.5 | 238.0 | 244.3 | 258.5 | 266.8 | 274.8 | 260.0 | 264.1 | 276.5 | 274.1 | 280.6 |
| 37,5° | 266.5 | 272.3 | 283.9 | 282.2 | 287.1 | 279.9 | 280.4 | 294.1 | 295.6 | 289.8 | 288.1 | 297.1 | 305.8 |
| 40,0° | 285.7 | 283.2 | 290.2 | 298.3 | 320.6 | 321.5 | 314.0 | 305.0 | 307.2 | 323.4 | 308.7 | 305.0 | 324.2 |
| 42,5° | 292.4 | 288.5 | 302.8 | 305.8 | 331.5 | 344.1 | 353.2 | 337.5 | 320.5 | 347.5 | 332.0 | 314.0 | 335.6 |
| 45,0° | 301.2 | 302.1 | 332.9 | 339.2 | 362.4 | 356.2 | 361.2 | 368.5 | 367.3 | 361.0 | 348.0 | 330.0 | 338.9 |
| 47,5° | 310.1 | 330.7 | 383.0 | 391.0 | 404.4 | 389.3 | 400.8 | 392.2 | 403.2 | 385.0 | 370.5 | 347.0 | 346.3 |
| 50,0° | 318.6 | 359.5 | 430.8 | 434.2 | 463.5 | 433.4 | 464.5 | 437.6 | 412.4 | 397.1 | 385.5 | 354.5 | 339.5 |
| 52,5° | 327.6 | 369.2 | 452.4 | 474.2 | 530.9 | 492.3 | 518.8 | 490.6 | 435.2 | 399.6 | 391.1 | 367.1 | 337.7 |
| 55,0° | 341.6 | 380.6 | 458.4 | 526.0 | 612.8 | 578.9 | 571.1 | 526.8 | 467.9 | 415.5 | 396.2 | 377.8 | 335.6 |
| 57,5° | 350.4 | 403.7 | 494.5 | 595.3 | 692.4 | 652.3 | 620.0 | 552.7 | 499.8 | 425.0 | 388.9 | 376.8 | 320.1 |
| 60,0° | 311.1 | 410.4 | 525.6 | 636.7 | 748.0 | 709.7 | 644.8 | 584.9 | 531.6 | 431.3 | 380.9 | 354.9 | 299.2 |
| 62,5° | 269.4 | 376.5 | 499.4 | 634.1 | 741.1 | 738.2 | 675.3 | 621.9 | 553.9 | 434.2 | 369.3 | 335.6 | 274.1 |
| 65,0° | 233.8 | 334.9 | 458.9 | 553.6 | 695.1 | 774.8 | 716.0 | 634.8 | 543.7 | 437.1 | 356.9 | 314.5 | 242.8 |
| 67,5° | 222.9 | 325.9 | 445.8 | 507.9 | 664.4 | 775.4 | 698.5 | 595.1 | 537.9 | 415.5 | 330.3 | 289.6 | 211.1 |
| 70,0° | 248.9 | 348.7 | 438.5 | 503.9 | 609.4 | 693.9 | 627.5 | 552.6 | 467.8 | 376.8 | 299.3 | 261.5 | 173.7 |
| 72,5° | 257.6 | 353.3 | 396.2 | 483.1 | 586.6 | 627.5 | 570.1 | 490.2 | 372.7 | 310.6 | 237.5 | 207.6 | 142.2 |
| 75,0° | 191.9 | 302.9 | 326.9 | 397.6 | 480.4 | 501.5 | 434.7 | 347.2 | 243.0 | 211.1 | 195.7 | 181.7 | 124.8 |
| 77,5° | 146.6 | 204.3 | 211.3 | 259.2 | 274.5 | 270.2 | 221.0 | 184.6 | 149.3 | 139.6 | 140.8 | 146.8 | 94.8 |
| 80,0° | 74.1 | 90.4 | 109.0 | 135.9 | 114.3 | 124.0 | 124.6 | 121.6 | 97.9 | 74.2 | 53.5 | 72.0 | 39.0 |
| 82,5° | 42.9 | 48.5 | 51.9 | 71.0 | 49.0 | 49.6 | 66.6 | 85.0 | 60.3 | 42.6 | 25.9 | 19.4 | 13.5 |
| 85,0° | 19.8 | 22.3 | 20.6 | 24.5 | 17.5 | 24.9 | 31.5 | 40.5 | 21.8 | 18.9 | 12.4 | 11.9 | 10.6 |
| 87,5° | 14.8 | 15.0 | 14.0 | 15.3 | 14.6 | 16.3 | 16.7 | 16.0 | 13.6 | 12.4 | 10.4 | 10.0 | 9.4 |
| 90,0° | 11.6 | 11.6 | 11.6 | 11.6 | 11.2 | 10.9 | 10.6 | 10.6 | 10.0 | 9.7 | 9.4 | 9.0 | 8.7 |
| 92,5° | 11.1 | 11.2 | 10.9 | 10.9 | 10.6 | 10.4 | 10.0 | 9.9 | 9.5 | 9.4 | 8.9 | 8.7 | 8.3 |
| 95,0° | 10.9 | 10.7 | 10.6 | 10.6 | 10.2 | 10.0 | 9.5 | 9.5 | 9.2 | 8.9 | 8.5 | 8.3 | 8.2 |
| 97,5° | 10.6 | 10.4 | 10.2 | 10.2 | 9.9 | 9.9 | 9.4 | 9.2 | 8.9 | 8.7 | 8.3 | 8.2 | 8.2 |
| 100,0° | 10.4 | 10.2 | 10.0 | 9.9 | 9.7 | 9.5 | 9.2 | 8.9 | 8.5 | 8.5 | 8.2 | 8.0 | 7.8 |
| 102,5° | 10.2 | 10.0 | 9.9 | 9.7 | 9.5 | 9.2 | 9.0 | 8.9 | 8.5 | 8.5 | 8.2 | 7.8 | 7.8 |
| 105,0° | 10.0 | 9.7 | 9.7 | 9.5 | 9.4 | 9.0 | 8.9 | 8.5 | 8.5 | 8.2 | 8.0 | 7.8 | 7.8 |
| 107,5° | 9.7 | 9.7 | 9.5 | 9.4 | 9.2 | 9.0 | 8.7 | 8.5 | 8.3 | 8.2 | 8.0 | 7.8 | 7.8 |
| 110,0° | 9.4 | 9.4 | 9.4 | 9.2 | 9.0 | 8.7 | 8.3 | 8.3 | 8.3 | 8.0 | 7.8 | 7.7 | 7.7 |
| 112,5° | 9.4 | 9.2 | 9.0 | 9.0 | 8.7 | 8.7 | 8.3 | 8.3 | 8.2 | 8.0 | 7.8 | 7.7 | 7.7 |

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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° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 2,5° | 0.5 | 0.5 | 0.3 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.7 | 0.5 | 0.7 | 0.5 | 0.5 |
| 5,0° | 3.2 | 4.3 | 3.4 | 4.9 | 3.7 | 5.1 | 1.5 | 1.4 | 1.4 | 1.0 | 1.2 | 1.0 | 1.2 |
| 7,5° | 12.3 | 14.5 | 14.0 | 17.4 | 17.7 | 20.1 | 8.0 | 4.6 | 5.8 | 3.6 | 4.8 | 3.4 | 4.6 |
| 10,0° | 21.6 | 25.5 | 24.0 | 29.1 | 26.4 | 29.6 | 32.0 | 28.3 | 31.0 | 26.9 | 23.8 | 19.9 | 21.6 |
| 12,5° | 30.7 | 35.1 | 39.5 | 56.0 | 56.4 | 61.3 | 39.0 | 31.0 | 34.1 | 25.9 | 29.5 | 35.9 | 37.5 |
| 15,0° | 70.3 | 70.7 | 71.9 | 84.6 | 78.7 | 84.1 | 56.0 | 58.7 | 56.7 | 57.9 | 66.4 | 55.5 | 56.2 |
| 17,5° | 92.1 | 104.6 | 95.4 | 119.2 | 138.1 | 142.7 | 82.4 | 78.5 | 73.4 | 63.2 | 60.8 | 58.6 | 58.2 |
| 20,0° | 133.3 | 133.0 | 134.5 | 156.8 | 169.8 | 188.3 | 116.0 | 111.0 | 94.3 | 76.6 | 82.1 | 73.6 | 69.0 |
| 22,5° | 167.2 | 172.3 | 170.4 | 178.8 | 202.5 | 208.4 | 116.3 | 121.6 | 112.7 | 108.5 | 96.5 | 73.9 | 60.4 |
| 25,0° | 198.2 | 207.1 | 204.8 | 209.3 | 229.2 | 253.4 | 136.2 | 129.2 | 111.0 | 104.2 | 95.9 | 82.1 | 68.5 |
| 27,5° | 215.9 | 229.9 | 250.1 | 274.0 | 289.5 | 296.6 | 154.1 | 134.3 | 116.0 | 104.0 | 102.0 | 88.7 | 68.6 |
| 30,0° | 243.3 | 251.5 | 263.8 | 287.9 | 310.4 | 344.6 | 163.3 | 159.9 | 131.8 | 109.0 | 105.2 | 89.9 | 64.9 |
| 32,5° | 258.5 | 285.0 | 300.2 | 307.9 | 329.3 | 354.2 | 179.8 | 164.0 | 141.8 | 125.3 | 106.3 | 89.1 | 66.9 |
| 35,0° | 291.3 | 312.5 | 318.6 | 321.7 | 341.4 | 378.0 | 212.3 | 184.1 | 149.3 | 132.1 | 106.9 | 83.4 | 64.9 |
| 37,5° | 306.2 | 322.5 | 331.5 | 339.4 | 354.0 | 383.5 | 233.1 | 209.3 | 161.3 | 139.3 | 105.6 | 74.4 | 62.3 |
| 40,0° | 318.6 | 329.0 | 336.5 | 344.8 | 357.6 | 392.7 | 246.6 | 218.0 | 169.4 | 142.4 | 100.5 | 67.1 | 64.4 |
| 42,5° | 335.6 | 338.5 | 345.8 | 355.0 | 365.2 | 399.8 | 270.1 | 231.9 | 173.9 | 141.3 | 91.4 | 64.0 | 66.7 |
| 45,0° | 348.7 | 344.0 | 356.2 | 364.6 | 372.2 | 398.5 | 291.0 | 253.0 | 179.5 | 138.4 | 78.8 | 62.8 | 67.6 |
| 47,5° | 349.1 | 341.9 | 359.1 | 364.7 | 375.5 | 404.2 | 303.1 | 262.9 | 187.1 | 130.3 | 67.4 | 62.5 | 65.7 |
| 50,0° | 339.5 | 329.0 | 352.8 | 365.2 | 373.8 | 395.0 | 307.5 | 263.3 | 187.1 | 114.3 | 59.4 | 59.8 | 62.0 |
| 52,5° | 320.8 | 308.4 | 338.9 | 352.8 | 364.6 | 386.5 | 311.3 | 262.1 | 183.2 | 97.1 | 55.5 | 55.9 | 58.6 |
| 55,0° | 296.5 | 283.5 | 313.7 | 330.9 | 348.9 | 372.6 | 316.5 | 254.7 | 169.1 | 80.0 | 52.1 | 51.8 | 55.2 |
| 57,5° | 272.4 | 261.9 | 282.7 | 299.0 | 321.3 | 345.0 | 296.1 | 226.8 | 136.1 | 62.2 | 48.9 | 47.8 | 50.9 |
| 60,0° | 247.2 | 231.2 | 238.9 | 252.4 | 279.3 | 296.3 | 240.3 | 179.6 | 97.4 | 56.2 | 44.3 | 43.4 | 46.0 |
| 62,5° | 214.9 | 192.9 | 197.9 | 199.9 | 219.7 | 234.3 | 192.1 | 138.8 | 68.1 | 50.6 | 40.5 | 38.5 | 39.7 |
| 65,0° | 183.7 | 148.7 | 154.6 | 146.6 | 160.4 | 156.3 | 157.3 | 109.1 | 58.4 | 48.0 | 38.7 | 34.7 | 33.9 |
| 67,5° | 152.7 | 111.0 | 107.3 | 101.1 | 105.6 | 101.8 | 151.4 | 95.5 | 63.2 | 52.1 | 38.5 | 33.0 | 29.6 |
| 70,0° | 127.2 | 87.9 | 69.3 | 60.1 | 64.7 | 64.7 | 167.7 | 100.8 | 69.5 | 52.8 | 36.6 | 32.0 | 28.1 |
| 72,5° | 97.4 | 68.3 | 46.3 | 37.5 | 37.1 | 37.1 | 153.8 | 95.5 | 62.8 | 47.7 | 36.3 | 31.8 | 26.6 |
| 75,0° | 74.8 | 39.2 | 32.5 | 25.4 | 23.5 | 23.2 | 97.9 | 67.9 | 53.8 | 39.5 | 35.8 | 31.8 | 26.1 |
| 77,5° | 52.6 | 25.4 | 22.5 | 18.1 | 17.4 | 17.0 | 73.9 | 52.8 | 44.6 | 36.6 | 32.0 | 29.3 | 24.9 |
| 80,0° | 20.9 | 15.3 | 14.8 | 13.5 | 13.6 | 13.6 | 50.6 | 43.1 | 38.5 | 33.9 | 28.1 | 26.4 | 22.5 |
| 82,5° | 12.8 | 11.2 | 10.7 | 10.4 | 10.4 | 10.2 | 32.2 | 31.7 | 29.6 | 26.1 | 23.8 | 22.1 | 19.1 |
| 85,0° | 9.7 | 9.0 | 9.0 | 9.0 | 8.9 | 9.2 | 18.9 | 21.1 | 22.8 | 23.2 | 20.8 | 18.9 | 16.5 |
| 87,5° | 8.9 | 8.5 | 8.5 | 8.2 | 8.2 | 8.2 | 14.8 | 16.3 | 15.5 | 16.3 | 14.6 | 15.0 | 13.5 |
| 90,0° | 8.3 | 8.2 | 8.0 | 7.8 | 7.8 | 7.8 | 11.4 | 11.4 | 11.1 | 11.1 | 10.9 | 10.7 | 10.6 |
| 92,5° | 8.2 | 7.8 | 7.8 | 7.8 | 7.5 | 7.5 | 11.1 | 11.1 | 11.1 | 10.9 | 10.7 | 10.6 | 10.4 |
| 95,0° | 8.0 | 7.8 | 7.8 | 7.5 | 7.5 | 7.5 | 10.9 | 10.7 | 10.7 | 10.7 | 10.6 | 10.4 | 10.2 |
| 97,5° | 7.8 | 7.8 | 7.7 | 7.5 | 7.5 | 7.5 | 10.6 | 10.7 | 10.7 | 10.6 | 10.4 | 10.2 | 10.0 |
| 100,0° | 7.8 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 10.6 | 10.6 | 10.4 | 10.4 | 10.2 | 10.2 | 10.0 |
| 102,5° | 7.8 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 10.2 | 10.4 | 10.4 | 10.4 | 10.0 | 10.0 | 9.9 |
| 105,0° | 7.7 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 10.0 | 10.2 | 10.0 | 10.0 | 10.0 | 9.7 | 9.5 |
| 107,5° | 7.5 | 7.5 | 7.5 | 7.3 | 7.2 | 7.2 | 9.9 | 10.0 | 9.7 | 9.7 | 9.7 | 9.5 | 9.4 |
| 110,0° | 7.5 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 | 9.7 | 9.7 | 9.7 | 9.5 | 9.4 | 9.0 | 9.0 |
| 112,5° | 7.5 | 7.3 | 7.3 | 7.2 | 7.2 | 6.8 | 9.4 | 9.4 | 9.4 | 9.2 | 9.0 | 8.9 | 8.5 |

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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° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.0 | 0.0 |
| 2,5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 | 0.5 | 0.3 | 0.0 | 0.0 |
| 5,0° | 1.0 | 1.2 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 | 0.7 | 0.0 | 0.1 |
| 7,5° | 2.9 | 3.9 | 2.7 | 3.2 | 2.4 | 2.9 | 2.4 | 2.6 | 2.2 | 2.6 | 2.4 | 0.2 | 0.3 |
| 10,0° | 15.7 | 9.2 | 9.2 | 7.5 | 9.0 | 13.1 | 12.6 | 14.3 | 10.2 | 11.9 | 8.2 | 0.9 | 1.3 |
| 12,5° | 28.4 | 21.1 | 10.7 | 12.4 | 13.6 | 20.1 | 18.7 | 22.5 | 22.3 | 23.3 | 27.6 | 2.1 | 3.4 |
| 15,0° | 52.6 | 45.3 | 39.0 | 37.0 | 31.5 | 27.2 | 24.4 | 20.6 | 24.5 | 31.0 | 32.0 | 4.1 | 7.5 |
| 17,5° | 52.8 | 47.7 | 35.9 | 31.5 | 34.1 | 31.2 | 24.2 | 23.5 | 27.6 | 30.8 | 31.7 | 6.2 | 13.7 |
| 20,0° | 59.9 | 46.3 | 40.4 | 37.8 | 36.3 | 31.8 | 27.2 | 27.1 | 33.4 | 33.2 | 32.7 | 8.9 | 22.6 |
| 22,5° | 53.6 | 39.7 | 35.6 | 34.2 | 33.4 | 32.5 | 29.3 | 28.9 | 31.8 | 29.3 | 28.6 | 11.7 | 34.3 |
| 25,0° | 52.1 | 35.8 | 31.5 | 30.5 | 30.7 | 29.1 | 28.6 | 26.4 | 28.3 | 31.2 | 31.3 | 14.1 | 48.4 |
| 27,5° | 50.6 | 36.6 | 31.7 | 31.5 | 29.8 | 28.8 | 27.9 | 25.5 | 25.9 | 28.4 | 28.3 | 17.4 | 65.8 |
| 30,0° | 45.8 | 37.6 | 32.9 | 31.0 | 30.5 | 28.1 | 26.6 | 25.7 | 26.2 | 26.9 | 25.2 | 20.6 | 86.3 |
| 32,5° | 55.0 | 48.2 | 39.7 | 37.0 | 31.3 | 28.4 | 26.6 | 25.7 | 24.7 | 24.9 | 23.5 | 24.1 | 110.4 |
| 35,0° | 62.0 | 55.2 | 47.3 | 42.9 | 37.5 | 34.2 | 30.5 | 28.4 | 26.2 | 26.1 | 23.5 | 28.2 | 138.6 |
| 37,5° | 63.5 | 55.3 | 48.5 | 43.9 | 40.2 | 36.4 | 33.7 | 32.0 | 29.6 | 30.1 | 27.6 | 32.4 | 170.9 |
| 40,0° | 65.9 | 57.9 | 49.6 | 44.8 | 40.4 | 36.3 | 34.4 | 32.2 | 31.2 | 31.8 | 30.0 | 35.8 | 206.7 |
| 42,5° | 67.4 | 60.1 | 51.9 | 46.7 | 42.4 | 38.1 | 34.9 | 32.0 | 30.5 | 30.5 | 29.3 | 39.3 | 246.0 |
| 45,0° | 67.9 | 59.9 | 53.5 | 48.7 | 43.8 | 38.7 | 35.6 | 33.2 | 31.2 | 30.5 | 28.6 | 43.0 | 289.0 |
| 47,5° | 66.6 | 59.1 | 52.4 | 47.7 | 43.4 | 38.7 | 35.4 | 33.0 | 31.3 | 30.1 | 28.9 | 47.0 | 336.0 |
| 50,0° | 62.8 | 56.9 | 50.9 | 46.5 | 42.7 | 37.6 | 34.7 | 32.4 | 30.3 | 29.3 | 27.9 | 50.6 | 386.7 |
| 52,5° | 59.4 | 54.3 | 49.2 | 44.8 | 40.5 | 35.9 | 32.7 | 30.7 | 29.3 | 28.1 | 27.2 | 53.8 | 440.5 |
| 55,0° | 55.9 | 51.6 | 47.0 | 42.2 | 38.1 | 34.1 | 30.5 | 28.6 | 27.8 | 26.2 | 25.2 | 56.9 | 497.4 |
| 57,5° | 51.6 | 48.0 | 44.3 | 39.7 | 36.1 | 32.0 | 28.1 | 26.2 | 25.7 | 24.5 | 23.8 | 59.2 | 556.6 |
| 60,0° | 46.7 | 42.9 | 40.2 | 37.0 | 34.4 | 30.5 | 26.4 | 23.7 | 23.5 | 22.1 | 21.8 | 59.4 | 616.0 |
| 62,5° | 41.2 | 38.7 | 36.3 | 34.7 | 32.7 | 29.6 | 24.9 | 21.3 | 21.3 | 20.3 | 20.1 | 57.7 | 673.7 |
| 65,0° | 35.9 | 34.4 | 33.7 | 33.5 | 31.8 | 29.1 | 24.0 | 19.2 | 19.4 | 18.4 | 18.1 | 54.8 | 728.5 |
| 67,5° | 32.0 | 30.7 | 31.3 | 31.3 | 30.7 | 27.4 | 22.8 | 17.5 | 17.5 | 16.5 | 16.3 | 51.9 | 780.4 |
| 70,0° | 29.3 | 27.6 | 28.9 | 28.6 | 29.1 | 25.4 | 20.9 | 17.2 | 16.2 | 14.8 | 14.6 | 48.5 | 828.9 |
| 72,5° | 26.1 | 25.9 | 26.9 | 26.1 | 26.2 | 21.6 | 19.6 | 16.3 | 15.2 | 13.8 | 13.6 | 43.7 | 872.6 |
| 75,0° | 24.5 | 23.5 | 23.2 | 22.3 | 21.3 | 16.9 | 16.0 | 14.0 | 14.0 | 12.4 | 12.3 | 34.5 | 907.2 |
| 77,5° | 21.8 | 19.8 | 18.6 | 17.7 | 16.7 | 14.0 | 13.6 | 12.6 | 12.8 | 11.6 | 10.9 | 22.6 | 929.8 |
| 80,0° | 19.2 | 16.7 | 15.3 | 14.5 | 14.5 | 13.3 | 13.5 | 12.3 | 11.7 | 10.6 | 9.9 | 12.8 | 942.6 |
| 82,5° | 17.2 | 14.5 | 13.6 | 12.8 | 12.9 | 12.3 | 12.6 | 11.6 | 11.2 | 10.0 | 9.2 | 7.6 | 950.2 |
| 85,0° | 14.6 | 12.9 | 12.3 | 11.6 | 11.4 | 11.2 | 11.4 | 10.7 | 10.7 | 9.7 | 8.9 | 4.5 | 954.7 |
| 87,5° | 12.9 | 11.6 | 11.4 | 10.7 | 10.7 | 10.4 | 10.4 | 10.2 | 10.2 | 9.2 | 8.5 | 3.4 | 958.0 |
| 90,0° | 10.6 | 10.4 | 10.2 | 10.0 | 10.0 | 10.0 | 10.0 | 9.9 | 9.9 | 8.9 | 8.2 | 2.8 | 960.8 |
| 92,5° | 10.2 | 10.2 | 10.0 | 10.0 | 10.0 | 9.9 | 9.9 | 9.7 | 9.7 | 8.9 | 8.2 | 2.7 | 963.4 |
| 95,0° | 10.2 | 10.0 | 10.0 | 10.0 | 10.0 | 9.7 | 9.7 | 9.7 | 9.7 | 8.7 | 8.2 | 2.6 | 966.1 |
| 97,5° | 10.0 | 10.0 | 9.9 | 9.7 | 9.7 | 9.7 | 9.7 | 9.5 | 9.5 | 8.5 | 7.8 | 2.5 | 968.6 |
| 100,0° | 10.0 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.5 | 9.4 | 9.4 | 8.5 | 7.8 | 2.5 | 971.1 |
| 102,5° | 9.7 | 9.7 | 9.5 | 9.4 | 9.4 | 9.4 | 9.4 | 9.2 | 9.2 | 8.2 | 7.5 | 2.4 | 973.5 |
| 105,0° | 9.5 | 9.4 | 9.2 | 9.0 | 9.0 | 9.0 | 8.9 | 8.9 | 8.9 | 8.0 | 7.5 | 2.4 | 975.9 |
| 107,5° | 9.4 | 9.0 | 9.0 | 8.7 | 8.7 | 8.5 | 8.5 | 8.3 | 8.3 | 7.7 | 7.2 | 2.3 | 978.1 |
| 110,0° | 8.9 | 8.7 | 8.5 | 8.3 | 8.3 | 8.2 | 8.0 | 8.0 | 7.8 | 7.0 | 6.8 | 2.2 | 980.3 |
| 112,5° | 8.3 | 8.3 | 8.0 | 7.8 | 7.8 | 7.8 | 7.7 | 7.5 | 7.7 | 5.6 | 5.4 | 2.1 | 982.4 |

Lichttechnischer Prüfbefund

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| Familie CITY-LIGHT 400 LED | Bestell-Nr.: 5XA5305KF14HP EAN: 4058352835975 | LP-Nummer 58722_51 |
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| Wertetabelle Lichtstärkemessung | Maximale Lichtstärke | siteco |
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| 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° | 8.9 | 9.0 | 8.9 | 8.7 | 8.5 | 8.3 | 8.2 | 8.2 | 8.0 | 8.0 | 7.7 | 7.7 | 7.7 |
| 117,5° | 8.5 | 8.7 | 8.7 | 8.5 | 8.3 | 8.2 | 8.2 | 8.0 | 8.0 | 7.8 | 7.7 | 7.5 | 7.5 |
| 120,0° | 8.2 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 | 8.0 | 8.2 | 8.0 | 8.0 | 7.7 | 7.5 | 7.5 |
| 122,5° | 7.8 | 8.2 | 8.0 | 8.2 | 7.8 | 8.0 | 8.0 | 8.0 | 7.8 | 7.8 | 7.7 | 7.5 | 7.3 |
| 125,0° | 7.5 | 7.8 | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 8.0 | 7.8 | 7.8 | 7.5 | 7.3 | 7.3 |
| 127,5° | 7.2 | 7.5 | 7.5 | 7.5 | 7.7 | 7.7 | 7.8 | 7.7 | 7.7 | 7.7 | 7.5 | 7.3 | 7.2 |
| 130,0° | 7.2 | 7.3 | 7.2 | 7.5 | 7.3 | 7.3 | 7.5 | 7.7 | 7.7 | 7.7 | 7.3 | 7.2 | 7.0 |
| 132,5° | 6.8 | 7.0 | 7.0 | 7.2 | 7.0 | 7.3 | 7.2 | 7.5 | 7.5 | 7.3 | 7.2 | 7.2 | 7.0 |
| 135,0° | 6.5 | 6.6 | 6.8 | 6.8 | 7.0 | 7.0 | 7.2 | 7.3 | 7.5 | 7.3 | 7.2 | 7.0 | 6.8 |
| 137,5° | 6.1 | 6.3 | 6.5 | 6.6 | 6.6 | 6.8 | 6.8 | 7.0 | 7.2 | 7.2 | 7.0 | 6.8 | 6.6 |
| 140,0° | 5.8 | 6.0 | 6.1 | 6.5 | 6.3 | 6.5 | 6.8 | 7.0 | 6.8 | 7.0 | 6.6 | 6.5 | 6.5 |
| 142,5° | 5.4 | 5.6 | 6.0 | 6.1 | 6.0 | 6.3 | 6.5 | 6.6 | 6.8 | 6.8 | 6.6 | 6.5 | 6.3 |
| 145,0° | 5.1 | 5.6 | 5.6 | 5.8 | 5.8 | 6.0 | 6.1 | 6.3 | 6.5 | 6.6 | 6.5 | 6.3 | 6.1 |
| 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 |
| 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 400 LED | Bestell-Nr.: 5XA5305KF14HP EAN: 4058352835975 | LP-Nummer 58722_51 |
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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 | | | | | | | | | | | | |
| 115,0° | 7.3 | 7.2 | 7.2 | 7.2 | 6.8 | 6.8 | 8.9 | 9.0 | 8.7 | 8.7 | 8.7 | 8.3 | 8.2 |
| 117,5° | 7.3 | 7.2 | 7.2 | 6.8 | 6.5 | 6.5 | 8.5 | 8.7 | 8.5 | 8.3 | 8.3 | 8.0 | 7.8 |
| 120,0° | 7.3 | 7.0 | 7.0 | 6.8 | 6.5 | 6.1 | 8.2 | 8.3 | 8.2 | 8.0 | 7.8 | 7.7 | 7.3 |
| 122,5° | 7.2 | 7.0 | 6.8 | 6.6 | 6.1 | 6.1 | 7.8 | 7.8 | 7.7 | 7.7 | 7.3 | 7.3 | 7.2 |
| 125,0° | 7.2 | 7.0 | 6.8 | 6.5 | 6.0 | 5.8 | 7.5 | 7.5 | 7.5 | 7.3 | 7.2 | 7.0 | 6.8 |
| 127,5° | 6.8 | 7.0 | 6.6 | 6.3 | 5.8 | 5.8 | 7.2 | 7.2 | 7.2 | 7.0 | 6.8 | 6.6 | 6.5 |
| 130,0° | 6.8 | 6.6 | 6.6 | 6.1 | 5.4 | 5.4 | 7.0 | 7.0 | 6.8 | 6.8 | 6.5 | 6.3 | 6.1 |
| 132,5° | 6.8 | 6.5 | 6.3 | 5.8 | 5.1 | 4.8 | 6.6 | 6.6 | 6.5 | 6.5 | 6.1 | 6.1 | 5.8 |
| 135,0° | 6.6 | 6.5 | 6.3 | 5.1 | 4.4 | 3.7 | 6.5 | 6.3 | 6.1 | 6.1 | 5.8 | 5.8 | 5.6 |
| 137,5° | 6.5 | 6.1 | 6.0 | 4.3 | 3.4 | 2.4 | 6.1 | 6.0 | 6.0 | 5.8 | 5.6 | 5.4 | 5.3 |
| 140,0° | 6.3 | 6.1 | 5.3 | 3.9 | 2.4 | 1.7 | 5.6 | 5.8 | 5.6 | 5.6 | 5.4 | 5.3 | 5.1 |
| 142,5° | 6.0 | 5.8 | 4.9 | 3.6 | 2.4 | 1.7 | 5.6 | 5.6 | 5.3 | 5.3 | 5.1 | 4.9 | 4.8 |
| 145,0° | 6.0 | 5.4 | 4.3 | 3.1 | 1.9 | 1.4 | 5.3 | 5.3 | 5.3 | 5.1 | 4.9 | 4.8 | 4.6 |
| 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 |
| 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° | 8.0 | 7.8 | 7.7 | 7.5 | 7.5 | 7.5 | 7.3 | 7.2 | 7.2 | 4.9 | 5.1 | 1.9 | 984.3 |
| 117,5° | 7.7 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 | 7.0 | 7.0 | 6.6 | 4.6 | 4.8 | 1.8 | 986.2 |
| 120,0° | 7.3 | 7.0 | 6.8 | 6.8 | 6.8 | 6.8 | 6.6 | 6.6 | 6.1 | 4.4 | 5.1 | 1.8 | 987.9 |
| 122,5° | 6.8 | 6.8 | 6.5 | 6.3 | 6.5 | 6.5 | 6.5 | 6.5 | 5.8 | 4.6 | 5.1 | 1.7 | 989.6 |
| 125,0° | 6.5 | 6.3 | 6.1 | 6.1 | 6.1 | 6.1 | 6.3 | 6.1 | 5.4 | 4.8 | 5.1 | 1.6 | 991.1 |
| 127,5° | 6.1 | 6.1 | 5.8 | 5.8 | 5.8 | 6.0 | 6.1 | 6.0 | 5.3 | 4.4 | 4.8 | 1.5 | 992.6 |
| 130,0° | 5.8 | 5.8 | 5.8 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.1 | 4.6 | 4.8 | 1.4 | 993.9 |
| 132,5° | 5.8 | 5.4 | 5.4 | 5.3 | 5.4 | 5.4 | 5.4 | 5.4 | 4.8 | 4.3 | 4.4 | 1.3 | 995.2 |
| 135,0° | 5.4 | 5.4 | 5.3 | 5.3 | 5.3 | 5.1 | 5.1 | 5.1 | 4.4 | 3.9 | 3.7 | 1.2 | 996.4 |
| 137,5° | 5.3 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.1 | 3.7 | 3.4 | 1.1 | 997.4 |
| 140,0° | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 | 4.6 | 4.9 | 4.3 | 4.1 | 3.7 | 3.1 | 1.0 | 998.4 |
| 142,5° | 4.8 | 4.6 | 4.6 | 4.4 | 4.4 | 4.6 | 4.6 | 4.3 | 3.9 | 3.4 | 3.1 | 0.9 | 999.2 |
| 145,0° | 4.6 | 4.4 | 4.4 | 4.4 | 4.3 | 4.4 | 4.4 | 3.7 | 3.7 | 3.4 | 3.1 | 0.8 | 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 |
| 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 400 LED | Bestell-Nr.: 5XA5305KF14HP EAN: 4058352835975 | LP-Nummer 58722_51 |
| 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 | 4940 | 33.6 | 35.9 | 34.8 |
| 95 | 241 | 252 | 4687 | 31.4 | 33.5 | 32.4 |
| 90 | 229 | 250 | 4454 | 29.4 | 31.4 | 30.4 |
| 85 | 216 | 248 | 4201 | 27.4 | 29.2 | 28.3 |
| 80 | 203 | 246 | 3948 | 25.5 | 27.1 | 26.3 |
| 75 | 190 | 243 | 3695 | 23.6 | 25.2 | 24.4 |
| 70 | 178 | 241 | 3462 | 21.9 | 23.3 | 22.6 |
| 65 | 165 | 238 | 3209 | 20.2 | 21.5 | 20.8 |
| 60 | 152 | 235 | 2956 | 18.5 | 19.6 | 19.0 |
| 55 | 140 | 232 | 2723 | 16.9 | 18.0 | 17.4 |
| 50 | 127 | 229 | 2470 | 15.3 | 16.2 | 15.8 |
| 45 | 114 | 225 | 2217 | 13.7 | 14.5 | 14.1 |
| 40 | 102 | 221 | 1984 | 12.3 | 13.0 | 12.6 |
| 35 | 89 | 216 | 1731 | 10.8 | 11.4 | 11.1 |
| 30 | 76 | 210 | 1478 | 9.3 | 9.8 | 9.6 |
| 25 | 63 | 203 | 1225 | 7.8 | 8.2 | 8.0 |
| 20 | 51 | 195 | 992 | 6.6 | 6.9 | 6.8 |
| 15 | 38 | 184 | 739 | 5.2 | 5.5 | 5.4 |
| 11 | 28 | 173 | 545 | 4.1 | 4.4 | 4.2 |