

Lichttechnischer Prüfbefund

Familie
CITY-LIGHT 120 LED

Bestell-Nr.: 5XA5285EF14H
EAN: 4058352636244

LP-Nummer
57138_58



Ausführung Mastaufsatz- oder Montage am Wandausleger
Optik asymmetrisch, breit strahlend (ST1.2a)
Abdeckung Abdeckung klar, PMMA
Bestückung LED 3000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 1540 lm
 Systemleistung = 10.5 W
 Lichtausbeute = 146.7 lm/W

Seriendokumentation
08.07.2022

siteco

Lichtstärke in cd/klm

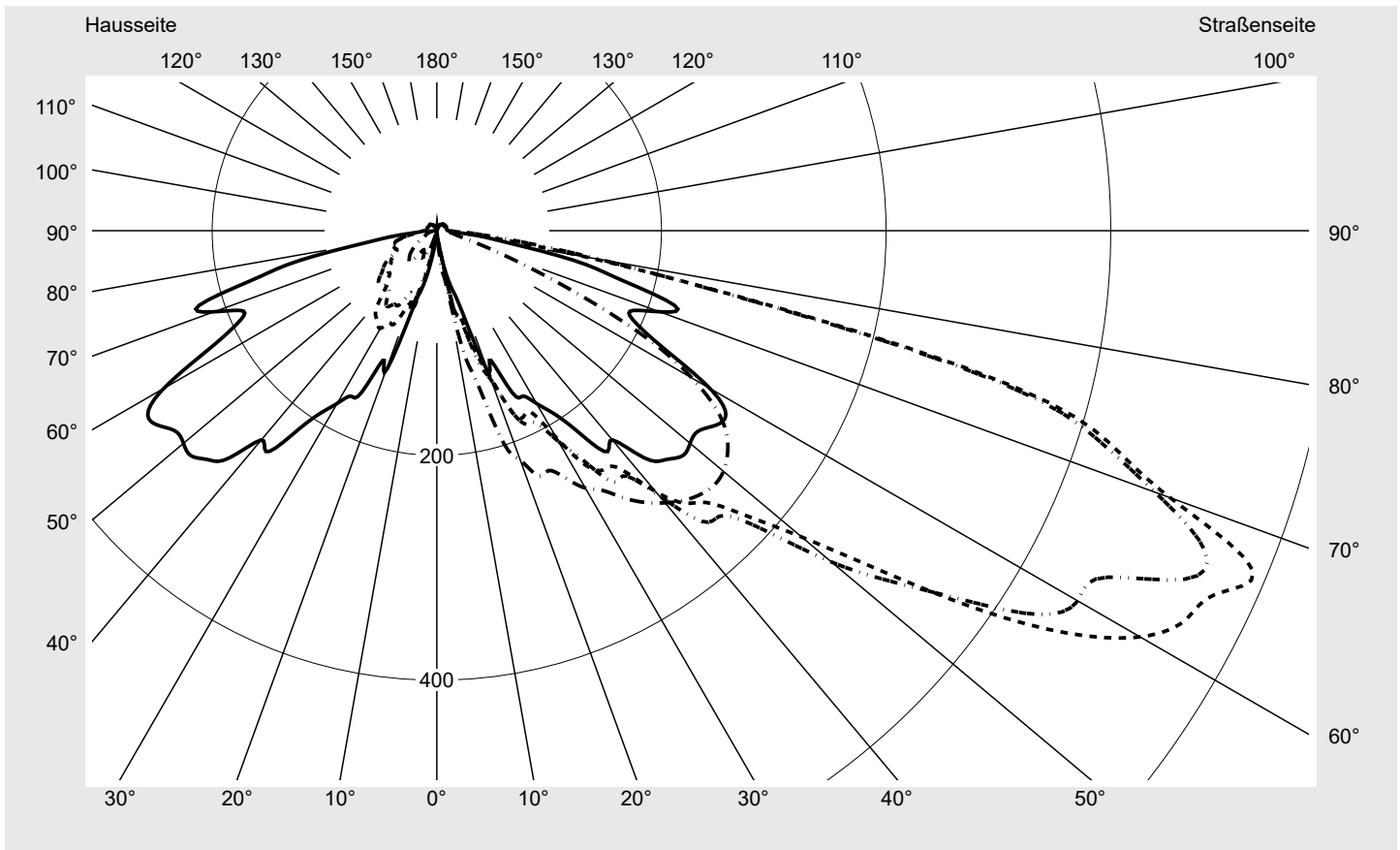
C180-0

C205-25

C210-30

C270-90

Imax: 786 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|-------|
| Klasse: | G2 |
| Imax 70° | 694.6 |
| Imax 80° | 148.0 |
| Imax 90° | 10.7 |
| Imax >90° | 10.1 |
| Imax >95° | 9.4 |

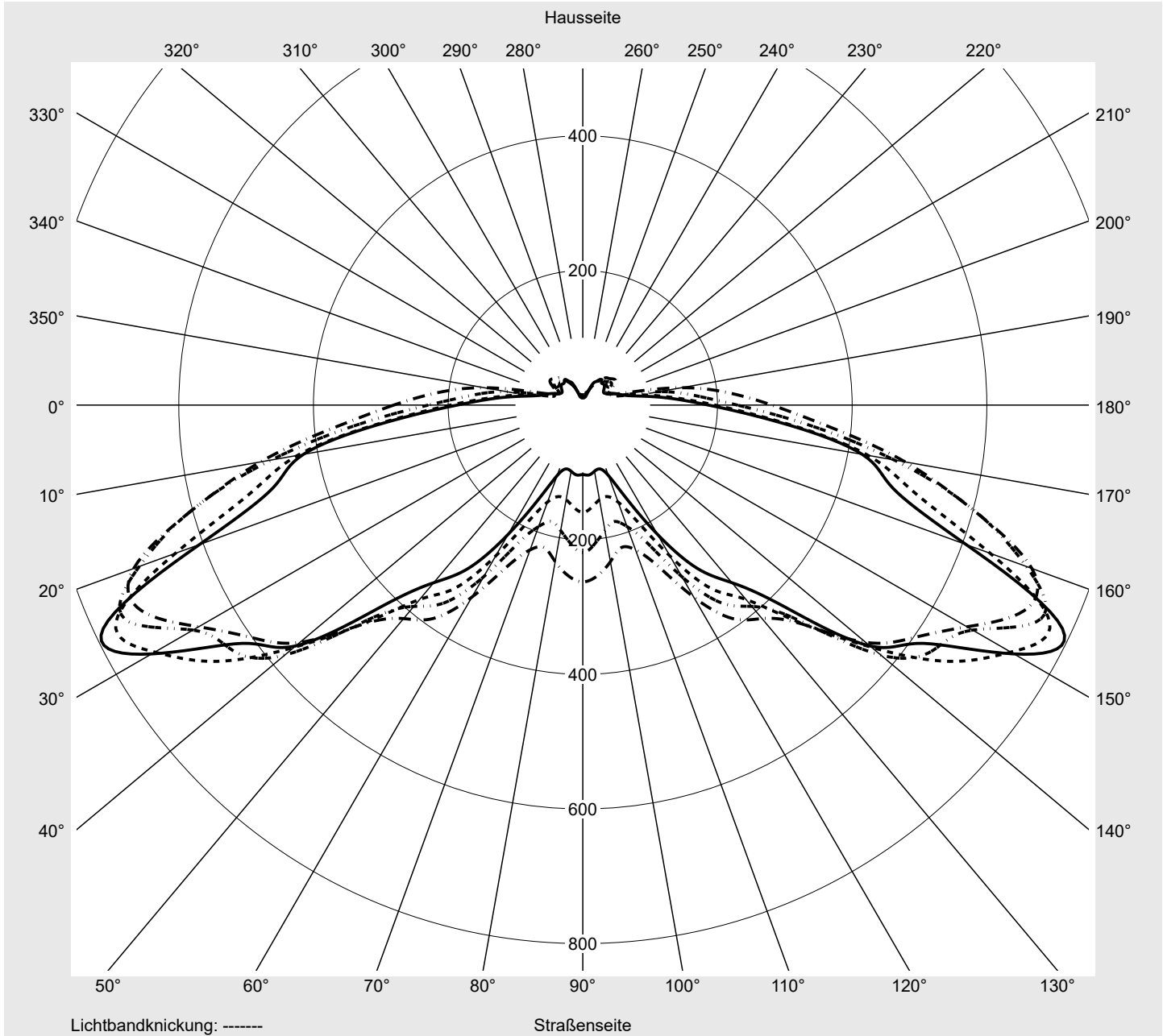
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

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| Familie CITY-LIGHT 120 LED | Bestell-Nr.: 5XA5285EF14H EAN: 4058352636244 | LP-Nummer 57138_58 |
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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°** **siteco**



Lichttechnischer Prüfbefund

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|---|---|-------------------------------------|
| Familie CITY-LIGHT 120 LED | Bestell-Nr.: 5XA5285EF14H EAN: 4058352636244 | LP-Nummer 57138_58 |
| 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° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 2,5° | 1.6 | 1.3 | 1.3 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 2.2 | 2.2 | 2.2 | 2.2 |
| 5,0° | 3.1 | 3.5 | 3.8 | 4.1 | 4.4 | 5.0 | 5.4 | 6.0 | 6.0 | 6.3 | 6.6 | 7.6 | 8.5 |
| 7,5° | 12.3 | 14.2 | 16.1 | 15.4 | 13.9 | 12.0 | 11.3 | 12.0 | 12.6 | 13.9 | 17.3 | 21.4 | 27.4 |
| 10,0° | 23.9 | 23.9 | 23.0 | 22.7 | 23.9 | 24.2 | 23.0 | 21.7 | 27.7 | 37.2 | 45.7 | 54.8 | 56.0 |
| 12,5° | 41.2 | 49.1 | 48.8 | 58.9 | 56.0 | 72.7 | 76.5 | 71.2 | 78.1 | 77.8 | 69.9 | 73.1 | 76.2 |
| 15,0° | 55.4 | 50.7 | 53.2 | 61.4 | 68.6 | 76.5 | 81.9 | 84.1 | 85.6 | 100.1 | 109.6 | 113.0 | 120.6 |
| 17,5° | 78.7 | 92.9 | 88.5 | 94.8 | 90.1 | 111.2 | 121.2 | 128.8 | 135.1 | 133.5 | 148.0 | 137.3 | 142.0 |
| 20,0° | 133.2 | 150.8 | 156.5 | 148.3 | 137.3 | 137.3 | 141.4 | 141.1 | 145.2 | 166.3 | 170.7 | 171.6 | 179.2 |
| 22,5° | 124.4 | 138.5 | 160.6 | 177.9 | 170.7 | 174.4 | 174.1 | 163.1 | 153.3 | 155.9 | 179.2 | 179.8 | 188.3 |
| 25,0° | 159.3 | 147.7 | 162.5 | 164.1 | 173.2 | 182.6 | 190.2 | 193.3 | 183.9 | 178.5 | 189.2 | 199.9 | 209.7 |
| 27,5° | 165.9 | 173.2 | 197.1 | 200.6 | 184.2 | 182.3 | 193.0 | 200.6 | 206.2 | 204.0 | 211.9 | 211.3 | 224.5 |
| 30,0° | 177.6 | 185.2 | 211.3 | 222.9 | 211.9 | 212.5 | 216.6 | 225.8 | 233.0 | 249.1 | 245.0 | 235.2 | 246.6 |
| 32,5° | 192.4 | 194.6 | 231.8 | 233.0 | 242.8 | 248.1 | 241.8 | 238.4 | 244.7 | 259.8 | 279.3 | 275.2 | 267.6 |
| 35,0° | 217.6 | 222.0 | 243.7 | 245.0 | 245.6 | 259.5 | 273.0 | 276.8 | 272.7 | 277.7 | 297.9 | 319.0 | 297.9 |
| 37,5° | 248.1 | 256.0 | 277.7 | 274.9 | 269.2 | 266.4 | 274.9 | 296.3 | 313.9 | 305.1 | 323.7 | 354.6 | 333.5 |
| 40,0° | 243.1 | 253.8 | 271.4 | 283.4 | 287.8 | 303.2 | 307.6 | 315.5 | 332.8 | 356.4 | 348.6 | 363.1 | 363.1 |
| 42,5° | 274.9 | 269.5 | 282.1 | 290.3 | 302.6 | 329.1 | 351.4 | 356.4 | 348.6 | 381.6 | 383.2 | 376.0 | 381.6 |
| 45,0° | 288.1 | 282.4 | 312.7 | 327.8 | 334.4 | 342.6 | 358.6 | 393.0 | 393.6 | 401.8 | 406.2 | 397.4 | 392.3 |
| 47,5° | 296.6 | 302.9 | 363.7 | 376.3 | 390.8 | 376.6 | 393.3 | 417.8 | 434.5 | 426.7 | 423.2 | 419.1 | 398.0 |
| 50,0° | 294.4 | 314.9 | 415.3 | 418.8 | 448.1 | 424.1 | 458.8 | 475.8 | 444.3 | 446.2 | 434.5 | 421.3 | 391.7 |
| 52,5° | 293.2 | 326.5 | 423.8 | 445.9 | 507.3 | 495.3 | 514.2 | 524.0 | 464.1 | 444.3 | 437.1 | 427.9 | 386.7 |
| 55,0° | 302.3 | 339.1 | 421.0 | 484.9 | 575.3 | 586.3 | 573.1 | 548.8 | 497.2 | 459.1 | 436.1 | 427.9 | 377.2 |
| 57,5° | 305.1 | 375.3 | 456.9 | 550.1 | 659.7 | 666.9 | 635.7 | 569.6 | 524.3 | 460.7 | 431.7 | 418.5 | 359.6 |
| 60,0° | 280.9 | 366.8 | 486.2 | 599.2 | 709.7 | 723.0 | 658.7 | 601.7 | 548.5 | 459.7 | 414.1 | 387.0 | 329.4 |
| 62,5° | 229.5 | 336.3 | 469.5 | 600.5 | 700.9 | 751.0 | 668.5 | 635.1 | 577.8 | 450.9 | 390.5 | 358.6 | 294.4 |
| 65,0° | 196.5 | 298.5 | 430.1 | 513.6 | 643.9 | 765.2 | 734.0 | 663.8 | 559.9 | 457.8 | 376.9 | 332.8 | 258.8 |
| 67,5° | 186.7 | 292.8 | 421.3 | 476.7 | 605.8 | 785.9 | 739.3 | 617.2 | 556.7 | 423.8 | 344.5 | 296.0 | 221.7 |
| 70,0° | 211.0 | 319.0 | 422.3 | 474.5 | 573.7 | 694.6 | 680.5 | 580.0 | 494.4 | 385.1 | 313.9 | 267.0 | 184.2 |
| 72,5° | 222.6 | 340.4 | 404.0 | 461.6 | 557.0 | 627.6 | 616.2 | 519.2 | 393.3 | 313.9 | 258.8 | 217.0 | 148.6 |
| 75,0° | 171.0 | 287.5 | 351.1 | 397.4 | 487.8 | 524.0 | 513.6 | 380.7 | 274.6 | 219.8 | 211.0 | 186.7 | 130.7 |
| 77,5° | 130.7 | 200.6 | 227.7 | 263.2 | 303.5 | 291.9 | 283.7 | 207.5 | 167.2 | 147.1 | 168.1 | 160.6 | 115.6 |
| 80,0° | 71.2 | 84.4 | 109.6 | 140.8 | 137.6 | 136.3 | 148.0 | 137.0 | 112.1 | 84.1 | 84.7 | 80.0 | 47.9 |
| 82,5° | 42.2 | 46.6 | 54.2 | 74.6 | 66.1 | 53.2 | 75.6 | 92.6 | 78.1 | 49.4 | 33.7 | 23.3 | 17.0 |
| 85,0° | 18.6 | 21.1 | 22.7 | 25.2 | 19.2 | 24.6 | 38.7 | 44.7 | 32.4 | 21.1 | 14.2 | 12.9 | 12.0 |
| 87,5° | 13.9 | 13.2 | 13.2 | 13.5 | 13.2 | 15.7 | 20.8 | 18.6 | 17.0 | 13.5 | 11.3 | 11.0 | 10.7 |
| 90,0° | 10.1 | 10.1 | 10.1 | 10.4 | 10.4 | 10.4 | 10.4 | 10.7 | 10.4 | 10.1 | 10.1 | 10.1 | 10.1 |
| 92,5° | 9.4 | 9.4 | 9.8 | 9.8 | 9.8 | 10.1 | 10.1 | 10.1 | 9.8 | 10.1 | 9.8 | 9.8 | 9.8 |
| 95,0° | 9.1 | 9.4 | 9.4 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.4 |
| 97,5° | 8.8 | 9.1 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 |
| 100,0° | 8.8 | 8.8 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 |
| 102,5° | 8.8 | 8.8 | 9.4 | 9.1 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 |
| 105,0° | 8.8 | 8.8 | 8.8 | 9.4 | 9.4 | 9.4 | 9.1 | 9.4 | 9.4 | 9.1 | 9.4 | 9.1 | 9.4 |
| 107,5° | 8.8 | 8.8 | 8.8 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 |
| 110,0° | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 9.1 | 8.8 | 8.8 | 9.1 | 8.8 | 8.8 | 8.8 |
| 112,5° | 8.5 | 8.5 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |

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|---|---|-------------------------------------|
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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° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 2,5° | 2.2 | 2.5 | 2.5 | 2.2 | 2.2 | 2.5 | 1.6 | 1.6 | 1.6 | 1.9 | 1.6 | 1.6 | 1.9 |
| 5,0° | 8.8 | 8.8 | 8.8 | 9.1 | 9.1 | 8.8 | 3.1 | 2.5 | 2.5 | 2.2 | 2.2 | 2.2 | 2.2 |
| 7,5° | 26.8 | 29.6 | 32.1 | 34.0 | 34.6 | 35.9 | 10.1 | 7.6 | 5.7 | 4.7 | 3.5 | 3.5 | 2.8 |
| 10,0° | 54.8 | 54.8 | 54.2 | 52.9 | 52.0 | 51.6 | 22.7 | 23.6 | 21.7 | 18.9 | 13.2 | 8.5 | 5.0 |
| 12,5° | 84.4 | 95.7 | 99.2 | 105.2 | 107.4 | 111.5 | 33.1 | 29.0 | 24.9 | 22.0 | 24.6 | 27.4 | 25.5 |
| 15,0° | 126.6 | 138.9 | 137.6 | 138.9 | 137.9 | 142.3 | 66.8 | 61.7 | 67.4 | 63.0 | 53.5 | 40.0 | 31.8 |
| 17,5° | 143.3 | 158.7 | 171.0 | 183.9 | 192.1 | 199.0 | 74.0 | 69.0 | 75.6 | 72.7 | 75.3 | 66.1 | 56.4 |
| 20,0° | 178.9 | 184.2 | 194.3 | 206.2 | 211.6 | 217.3 | 110.2 | 93.8 | 91.6 | 89.7 | 69.3 | 66.8 | 60.5 |
| 22,5° | 200.3 | 208.5 | 211.0 | 222.9 | 228.9 | 236.2 | 96.7 | 92.3 | 89.7 | 88.2 | 79.7 | 59.8 | 46.3 |
| 25,0° | 217.3 | 219.8 | 225.1 | 231.4 | 232.7 | 235.5 | 123.1 | 123.4 | 117.5 | 121.2 | 92.3 | 66.8 | 48.2 |
| 27,5° | 241.8 | 244.0 | 240.6 | 246.2 | 247.8 | 248.1 | 126.9 | 109.9 | 95.4 | 99.5 | 92.3 | 75.3 | 54.8 |
| 30,0° | 265.1 | 262.3 | 256.6 | 259.5 | 262.6 | 264.5 | 143.0 | 138.5 | 120.3 | 123.4 | 100.4 | 75.6 | 48.8 |
| 32,5° | 284.3 | 282.8 | 271.4 | 273.6 | 274.9 | 273.9 | 154.9 | 143.0 | 125.6 | 112.1 | 97.6 | 80.0 | 59.2 |
| 35,0° | 302.6 | 305.8 | 291.6 | 286.2 | 288.4 | 290.3 | 183.3 | 152.7 | 130.7 | 127.5 | 94.1 | 78.7 | 69.6 |
| 37,5° | 322.8 | 325.9 | 304.8 | 300.1 | 302.9 | 304.8 | 199.0 | 168.5 | 141.1 | 129.1 | 89.1 | 70.5 | 72.1 |
| 40,0° | 343.5 | 334.1 | 311.7 | 310.5 | 313.0 | 316.1 | 211.3 | 184.8 | 149.3 | 129.7 | 77.1 | 67.1 | 73.1 |
| 42,5° | 361.5 | 340.7 | 317.1 | 317.4 | 321.5 | 325.6 | 238.7 | 193.3 | 155.9 | 120.3 | 66.1 | 65.8 | 74.6 |
| 45,0° | 377.5 | 342.3 | 322.1 | 324.3 | 329.1 | 331.9 | 273.0 | 209.4 | 157.4 | 109.3 | 62.0 | 69.3 | 77.5 |
| 47,5° | 377.5 | 337.9 | 325.6 | 326.8 | 331.3 | 335.0 | 279.6 | 212.2 | 159.3 | 93.2 | 56.7 | 69.9 | 78.7 |
| 50,0° | 364.3 | 330.9 | 320.2 | 324.3 | 329.7 | 333.1 | 281.8 | 218.2 | 155.2 | 80.0 | 56.7 | 67.4 | 75.6 |
| 52,5° | 346.4 | 312.0 | 309.5 | 316.1 | 322.4 | 326.2 | 281.8 | 211.6 | 150.2 | 63.3 | 53.2 | 62.0 | 69.6 |
| 55,0° | 324.0 | 290.0 | 288.4 | 299.1 | 309.5 | 314.9 | 285.3 | 211.6 | 135.1 | 58.3 | 49.8 | 58.3 | 67.7 |
| 57,5° | 294.4 | 260.4 | 260.4 | 273.3 | 287.2 | 294.7 | 264.2 | 182.9 | 102.3 | 52.0 | 48.2 | 54.5 | 64.2 |
| 60,0° | 263.9 | 228.9 | 219.5 | 236.2 | 254.1 | 262.6 | 215.1 | 148.6 | 74.6 | 49.4 | 43.5 | 48.5 | 59.2 |
| 62,5° | 225.5 | 192.1 | 179.2 | 189.2 | 206.6 | 219.2 | 165.9 | 114.6 | 52.9 | 45.3 | 40.9 | 41.9 | 51.6 |
| 65,0° | 189.9 | 153.3 | 140.8 | 142.6 | 152.4 | 159.3 | 132.3 | 87.2 | 52.0 | 45.0 | 39.4 | 38.7 | 45.0 |
| 67,5° | 152.7 | 111.5 | 98.2 | 99.8 | 104.2 | 103.3 | 124.4 | 78.4 | 59.5 | 50.1 | 40.6 | 36.2 | 37.8 |
| 70,0° | 122.8 | 85.3 | 63.0 | 61.4 | 64.2 | 64.2 | 141.4 | 85.3 | 66.4 | 51.0 | 40.9 | 37.2 | 36.2 |
| 72,5° | 95.7 | 66.4 | 39.7 | 36.2 | 36.2 | 38.4 | 135.4 | 81.6 | 60.8 | 46.6 | 42.2 | 38.7 | 35.6 |
| 75,0° | 74.0 | 45.7 | 29.0 | 24.9 | 23.9 | 23.9 | 86.9 | 63.9 | 50.7 | 39.0 | 38.7 | 38.1 | 33.4 |
| 77,5° | 55.7 | 24.9 | 20.8 | 18.6 | 17.6 | 17.6 | 67.1 | 49.4 | 42.8 | 35.6 | 32.7 | 33.7 | 28.3 |
| 80,0° | 26.1 | 16.1 | 15.1 | 15.1 | 14.5 | 14.5 | 49.1 | 40.6 | 37.2 | 32.1 | 28.0 | 27.7 | 21.7 |
| 82,5° | 13.2 | 12.0 | 12.0 | 12.0 | 12.3 | 12.0 | 31.2 | 29.9 | 28.3 | 23.9 | 22.0 | 21.1 | 17.0 |
| 85,0° | 11.0 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 17.3 | 19.2 | 22.0 | 21.7 | 18.9 | 16.4 | 13.9 |
| 87,5° | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 13.9 | 15.1 | 15.4 | 14.5 | 12.9 | 11.7 | 10.4 |
| 90,0° | 9.8 | 9.8 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.1 | 8.8 | 8.2 | 7.6 | 7.6 | 6.9 |
| 92,5° | 9.8 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 8.8 | 8.8 | 8.2 | 7.9 | 7.6 | 6.9 | 6.6 |
| 95,0° | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 8.8 | 8.2 | 8.2 | 7.6 | 7.6 | 6.9 | 6.3 |
| 97,5° | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 8.8 | 8.2 | 7.9 | 7.6 | 6.9 | 6.9 | 6.3 |
| 100,0° | 9.4 | 9.4 | 9.4 | 9.1 | 9.4 | 8.8 | 8.8 | 8.2 | 8.2 | 7.6 | 6.9 | 6.9 | 6.3 |
| 102,5° | 9.4 | 9.1 | 9.1 | 9.1 | 8.8 | 8.2 | 8.8 | 8.2 | 7.9 | 7.6 | 6.9 | 6.9 | 6.3 |
| 105,0° | 9.1 | 8.8 | 9.1 | 8.8 | 8.8 | 7.6 | 8.2 | 8.2 | 7.9 | 7.6 | 6.9 | 6.9 | 6.3 |
| 107,5° | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 6.9 | 8.2 | 8.2 | 7.6 | 7.6 | 6.9 | 6.9 | 6.3 |
| 110,0° | 8.8 | 8.8 | 8.8 | 8.8 | 8.2 | 6.9 | 8.2 | 8.2 | 7.6 | 7.6 | 6.9 | 6.9 | 6.3 |
| 112,5° | 8.8 | 8.8 | 8.8 | 8.8 | 7.9 | 6.3 | 8.2 | 8.2 | 7.6 | 7.6 | 6.9 | 6.9 | 6.3 |

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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° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 0.0 | 0.0 |
| 2,5° | 1.9 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 1.9 | 1.9 | 1.9 | 1.9 | 0.0 | 0.0 |
| 5,0° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 1.9 | 1.9 | 1.6 | 1.9 | 0.1 | 0.1 |
| 7,5° | 2.8 | 2.5 | 2.2 | 2.5 | 2.2 | 2.2 | 2.2 | 1.9 | 1.9 | 1.9 | 1.9 | 0.4 | 0.6 |
| 10,0° | 3.8 | 3.1 | 2.8 | 2.5 | 2.2 | 2.2 | 2.2 | 1.9 | 1.9 | 1.9 | 1.9 | 1.1 | 1.7 |
| 12,5° | 18.9 | 11.7 | 6.3 | 3.8 | 3.1 | 2.8 | 2.2 | 1.9 | 2.2 | 1.9 | 1.9 | 2.7 | 4.4 |
| 15,0° | 23.3 | 26.8 | 25.2 | 22.7 | 16.7 | 7.6 | 3.8 | 2.8 | 2.2 | 2.2 | 1.9 | 4.6 | 9.0 |
| 17,5° | 37.8 | 26.1 | 16.4 | 16.1 | 15.7 | 15.1 | 10.4 | 12.0 | 7.9 | 3.8 | 2.5 | 7.1 | 16.1 |
| 20,0° | 36.2 | 27.7 | 23.9 | 22.4 | 20.2 | 13.2 | 6.9 | 10.1 | 15.7 | 18.3 | 17.0 | 10.0 | 26.1 |
| 22,5° | 29.9 | 23.3 | 22.0 | 19.2 | 18.9 | 18.3 | 17.3 | 17.9 | 17.6 | 17.0 | 17.6 | 11.9 | 38.0 |
| 25,0° | 29.6 | 20.8 | 18.3 | 18.3 | 18.3 | 18.3 | 18.9 | 19.5 | 23.9 | 27.1 | 27.7 | 14.5 | 52.5 |
| 27,5° | 32.1 | 25.8 | 22.0 | 20.5 | 19.5 | 20.2 | 23.0 | 21.7 | 20.8 | 23.0 | 25.8 | 16.9 | 69.4 |
| 30,0° | 35.0 | 31.8 | 27.1 | 23.9 | 21.4 | 22.7 | 26.8 | 25.8 | 23.6 | 23.6 | 22.7 | 20.3 | 89.7 |
| 32,5° | 53.5 | 45.3 | 33.1 | 26.5 | 23.0 | 23.3 | 24.6 | 23.3 | 21.1 | 22.0 | 21.4 | 23.5 | 113.2 |
| 35,0° | 72.1 | 60.8 | 48.5 | 40.9 | 35.3 | 31.2 | 28.0 | 27.1 | 22.7 | 22.4 | 20.8 | 27.5 | 140.7 |
| 37,5° | 77.1 | 65.5 | 56.0 | 50.1 | 44.1 | 40.9 | 38.1 | 33.7 | 29.0 | 28.3 | 27.1 | 31.7 | 172.5 |
| 40,0° | 77.5 | 66.4 | 57.0 | 50.7 | 45.7 | 41.2 | 40.6 | 38.4 | 35.9 | 37.2 | 35.9 | 35.3 | 207.7 |
| 42,5° | 77.5 | 66.4 | 58.3 | 52.3 | 48.2 | 43.1 | 41.2 | 38.4 | 36.2 | 37.5 | 36.5 | 39.0 | 246.7 |
| 45,0° | 80.3 | 68.6 | 59.2 | 52.6 | 46.9 | 42.2 | 39.4 | 37.2 | 34.6 | 35.9 | 34.6 | 42.9 | 289.6 |
| 47,5° | 80.9 | 70.5 | 60.8 | 53.8 | 46.9 | 41.2 | 38.1 | 34.3 | 32.1 | 33.4 | 32.7 | 46.8 | 336.5 |
| 50,0° | 77.1 | 67.7 | 58.3 | 52.3 | 45.3 | 38.7 | 35.6 | 32.7 | 29.9 | 30.5 | 30.2 | 50.4 | 386.9 |
| 52,5° | 72.7 | 65.8 | 56.7 | 50.4 | 43.8 | 36.2 | 32.7 | 29.6 | 27.4 | 27.4 | 27.1 | 53.2 | 440.1 |
| 55,0° | 70.2 | 64.9 | 56.7 | 49.1 | 41.2 | 33.4 | 29.3 | 26.1 | 24.2 | 24.2 | 23.9 | 56.1 | 496.2 |
| 57,5° | 65.8 | 60.8 | 55.7 | 46.6 | 39.4 | 30.5 | 25.2 | 23.0 | 21.7 | 21.1 | 20.8 | 58.5 | 554.7 |
| 60,0° | 60.1 | 55.7 | 52.9 | 44.7 | 37.5 | 29.6 | 21.7 | 19.5 | 18.3 | 18.3 | 17.6 | 58.7 | 613.4 |
| 62,5° | 53.2 | 49.4 | 46.9 | 46.3 | 37.8 | 30.9 | 18.6 | 16.7 | 15.7 | 15.4 | 14.5 | 56.9 | 670.2 |
| 65,0° | 45.7 | 46.9 | 42.5 | 45.7 | 39.4 | 31.8 | 17.0 | 14.5 | 13.2 | 13.2 | 12.6 | 54.1 | 724.4 |
| 67,5° | 41.9 | 43.8 | 43.1 | 46.3 | 40.6 | 34.6 | 16.7 | 12.3 | 11.0 | 11.3 | 10.7 | 51.5 | 775.9 |
| 70,0° | 39.7 | 38.1 | 42.8 | 43.8 | 40.3 | 29.9 | 17.6 | 11.0 | 10.1 | 10.1 | 10.1 | 48.5 | 824.4 |
| 72,5° | 35.3 | 34.6 | 38.4 | 38.7 | 38.1 | 23.9 | 17.9 | 10.7 | 8.8 | 8.8 | 8.8 | 44.1 | 868.5 |
| 75,0° | 32.1 | 31.5 | 31.5 | 30.5 | 25.8 | 15.4 | 13.5 | 9.8 | 8.2 | 7.6 | 8.2 | 36.1 | 904.6 |
| 77,5° | 25.5 | 23.9 | 22.4 | 23.9 | 17.0 | 10.1 | 8.5 | 7.6 | 7.2 | 6.3 | 6.3 | 24.2 | 928.8 |
| 80,0° | 18.6 | 16.4 | 14.5 | 15.1 | 12.9 | 10.4 | 8.8 | 6.9 | 6.0 | 5.7 | 5.7 | 13.7 | 942.5 |
| 82,5° | 14.8 | 12.0 | 11.0 | 10.4 | 9.8 | 9.8 | 7.6 | 6.3 | 5.0 | 5.0 | 4.4 | 7.9 | 950.3 |
| 85,0° | 11.3 | 9.8 | 8.2 | 7.6 | 7.2 | 7.2 | 5.7 | 5.0 | 5.0 | 4.4 | 4.4 | 4.3 | 954.7 |
| 87,5° | 9.4 | 7.9 | 6.9 | 6.3 | 6.0 | 5.4 | 4.4 | 4.4 | 4.4 | 4.1 | 3.8 | 3.0 | 957.7 |
| 90,0° | 6.3 | 6.3 | 5.7 | 5.4 | 5.0 | 4.4 | 4.4 | 4.4 | 3.8 | 3.8 | 3.8 | 2.2 | 959.9 |
| 92,5° | 6.3 | 6.0 | 5.7 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 3.8 | 3.8 | 3.8 | 2.2 | 962.1 |
| 95,0° | 6.3 | 5.7 | 5.7 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 3.8 | 3.8 | 3.8 | 2.1 | 964.2 |
| 97,5° | 6.3 | 5.7 | 5.7 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 3.8 | 3.8 | 3.8 | 2.1 | 966.3 |
| 100,0° | 6.3 | 5.7 | 5.7 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 3.8 | 3.8 | 3.8 | 2.1 | 968.4 |
| 102,5° | 6.3 | 5.7 | 5.7 | 5.0 | 5.0 | 4.4 | 4.4 | 4.1 | 3.8 | 3.8 | 3.8 | 2.0 | 970.4 |
| 105,0° | 6.3 | 5.7 | 5.7 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 3.8 | 3.8 | 3.1 | 2.0 | 972.4 |
| 107,5° | 6.3 | 5.7 | 5.7 | 5.0 | 5.0 | 4.7 | 4.4 | 4.1 | 3.8 | 3.8 | 3.1 | 1.9 | 974.3 |
| 110,0° | 6.3 | 5.7 | 5.7 | 5.0 | 5.0 | 4.7 | 4.4 | 4.4 | 4.1 | 3.8 | 3.1 | 1.9 | 976.2 |
| 112,5° | 6.0 | 5.7 | 5.7 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 3.8 | 3.5 | 2.5 | 1.8 | 978.1 |

Lichttechnischer Prüfbefund

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| Familie CITY-LIGHT 120 LED | Bestell-Nr.: 5XA5285EF14H EAN: 4058352636244 | LP-Nummer 57138_58 |
| 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° | 8.2 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |
| 117,5° | 8.2 | 8.5 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |
| 120,0° | 8.2 | 8.2 | 8.2 | 8.5 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 |
| 122,5° | 8.2 | 8.2 | 8.2 | 8.5 | 8.5 | 8.5 | 8.8 | 8.5 | 8.5 | 8.8 | 8.8 | 8.5 | 8.8 |
| 125,0° | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 |
| 127,5° | 7.9 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 |
| 130,0° | 7.6 | 7.6 | 7.9 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 |
| 132,5° | 7.6 | 7.6 | 7.6 | 8.2 | 8.2 | 8.2 | 7.9 | 8.2 | 8.2 | 8.2 | 8.2 | 7.9 | 7.9 |
| 135,0° | 8.2 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 |
| 137,5° | 7.2 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 |
| 140,0° | 6.9 | 6.9 | 6.9 | 6.9 | 7.2 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.2 |
| 142,5° | 6.3 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 145,0° | 6.3 | 6.3 | 6.3 | 6.3 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |
| 147,5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 150,0° | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 165,0° | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.5 | 3.8 | 3.1 | 3.1 | 3.1 |
| 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 120 LED | Bestell-Nr.: 5XA5285EF14H EAN: 4058352636244 | LP-Nummer 57138_58 |
| | | 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° | 8.8 | 8.8 | 8.8 | 8.8 | 6.9 | 4.4 | 8.2 | 8.2 | 7.6 | 7.6 | 6.9 | 6.9 | 6.3 |
| 117,5° | 8.8 | 8.8 | 8.8 | 8.5 | 6.0 | 2.5 | 8.2 | 7.9 | 7.6 | 7.6 | 6.9 | 6.9 | 6.3 |
| 120,0° | 8.5 | 8.5 | 8.8 | 8.2 | 5.0 | 2.5 | 8.2 | 8.2 | 7.6 | 7.6 | 6.9 | 6.9 | 6.3 |
| 122,5° | 8.5 | 8.2 | 8.5 | 8.2 | 4.7 | 2.5 | 8.2 | 7.9 | 7.6 | 7.6 | 6.9 | 6.9 | 6.3 |
| 125,0° | 8.2 | 8.2 | 8.2 | 7.9 | 4.1 | 2.5 | 7.9 | 7.6 | 7.6 | 7.6 | 6.9 | 6.9 | 6.3 |
| 127,5° | 8.2 | 8.2 | 8.2 | 7.6 | 4.1 | 2.5 | 7.6 | 7.6 | 7.6 | 7.2 | 6.9 | 6.9 | 6.3 |
| 130,0° | 8.2 | 8.2 | 8.2 | 7.2 | 4.1 | 2.5 | 7.6 | 7.6 | 7.2 | 6.9 | 6.9 | 6.3 | 6.3 |
| 132,5° | 7.6 | 7.9 | 7.6 | 6.3 | 3.8 | 2.5 | 7.6 | 7.2 | 6.9 | 6.9 | 6.9 | 6.3 | 6.3 |
| 135,0° | 7.6 | 7.6 | 7.6 | 6.0 | 3.5 | 2.5 | 7.6 | 6.9 | 6.9 | 6.9 | 6.9 | 6.3 | 6.3 |
| 137,5° | 7.6 | 7.6 | 7.2 | 5.4 | 3.1 | 2.5 | 6.9 | 6.9 | 6.9 | 6.3 | 6.3 | 6.3 | 6.0 |
| 140,0° | 6.9 | 7.2 | 6.9 | 5.0 | 3.1 | 2.5 | 6.9 | 6.9 | 6.3 | 6.3 | 6.3 | 6.0 | 5.7 |
| 142,5° | 6.9 | 6.9 | 6.3 | 4.4 | 3.1 | 2.5 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 5.7 | 5.7 |
| 145,0° | 6.9 | 6.6 | 5.7 | 4.1 | 3.1 | 2.5 | 6.3 | 6.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.4 |
| 147,5° | 6.3 | 6.3 | 5.0 | 3.8 | 3.1 | 2.5 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.0 | 5.0 |
| 150,0° | 6.3 | 5.7 | 4.4 | 3.8 | 2.8 | 2.5 | 5.7 | 5.7 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 |
| 165,0° | 2.8 | 2.5 | 2.5 | 1.9 | 1.9 | 1.9 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 |
| 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° | 6.3 | 5.7 | 5.7 | 5.0 | 5.0 | 4.7 | 4.4 | 4.4 | 4.4 | 3.1 | 1.9 | 1.8 | 979.9 |
| 117,5° | 6.3 | 5.7 | 5.7 | 5.7 | 5.0 | 4.7 | 4.4 | 4.4 | 4.4 | 3.1 | 1.9 | 1.7 | 981.6 |
| 120,0° | 6.3 | 5.7 | 5.7 | 5.7 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 3.1 | 1.9 | 1.7 | 983.3 |
| 122,5° | 6.3 | 5.7 | 5.7 | 5.7 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 2.8 | 1.9 | 1.6 | 984.9 |
| 125,0° | 6.3 | 5.7 | 5.7 | 5.7 | 5.0 | 5.0 | 4.4 | 4.4 | 4.1 | 3.1 | 1.9 | 1.5 | 986.4 |
| 127,5° | 6.3 | 5.7 | 5.7 | 5.4 | 5.0 | 5.0 | 4.4 | 4.4 | 3.8 | 3.1 | 1.9 | 1.5 | 987.9 |
| 130,0° | 6.3 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 4.4 | 4.4 | 3.8 | 3.1 | 2.5 | 1.4 | 989.3 |
| 132,5° | 6.0 | 5.7 | 5.7 | 5.4 | 5.0 | 5.0 | 4.4 | 4.4 | 3.5 | 2.8 | 2.5 | 1.3 | 990.6 |
| 135,0° | 5.7 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 4.4 | 4.4 | 3.5 | 2.5 | 2.5 | 1.2 | 991.9 |
| 137,5° | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 4.4 | 4.4 | 4.1 | 3.1 | 2.5 | 2.5 | 1.1 | 993.0 |
| 140,0° | 5.7 | 5.4 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 3.8 | 3.1 | 2.5 | 2.5 | 1.1 | 994.1 |
| 142,5° | 5.7 | 5.0 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 3.8 | 3.1 | 2.5 | 2.5 | 1.0 | 995.0 |
| 145,0° | 5.0 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 4.1 | 3.1 | 3.1 | 2.5 | 2.5 | 0.9 | 995.9 |
| 147,5° | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 4.4 | 3.8 | 3.1 | 3.1 | 2.5 | 2.5 | 0.8 | 996.6 |
| 150,0° | 5.0 | 4.4 | 4.4 | 4.4 | 4.4 | 3.8 | 3.8 | 3.1 | 2.8 | 2.5 | 2.5 | 2.2 | 998.8 |
| 165,0° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.2 | 1.9 | 1.9 | 1.9 | 1.9 | 1.2 | 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 120 LED | Bestell-Nr.: 5XA5285EF14H EAN: 4058352636244 | LP-Nummer 57138_58 |
| 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 | 1540 | 10.5 | 10.8 | 10.6 |
| 95 | 241 | 252 | 1461 | 10.0 | 10.3 | 10.2 |
| 90 | 229 | 250 | 1388 | 9.4 | 9.8 | 9.6 |
| 85 | 216 | 248 | 1310 | 8.9 | 9.2 | 9.0 |
| 80 | 203 | 246 | 1231 | 8.3 | 8.7 | 8.5 |
| 75 | 190 | 243 | 1152 | 7.8 | 8.1 | 8.0 |
| 70 | 178 | 241 | 1079 | 7.3 | 7.6 | 7.4 |
| 65 | 165 | 238 | 1000 | 6.9 | 7.1 | 7.0 |
| 60 | 152 | 235 | 922 | 6.4 | 6.6 | 6.5 |
| 55 | 140 | 232 | 849 | 5.9 | 6.1 | 6.0 |
| 50 | 127 | 229 | 770 | 5.4 | 5.6 | 5.5 |
| 45 | 114 | 225 | 691 | 5.0 | 5.2 | 5.1 |
| 40 | 102 | 221 | 618 | 4.6 | 4.7 | 4.6 |
| 35 | 89 | 216 | 540 | 4.1 | 4.3 | 4.2 |
| 30 | 76 | 210 | 461 | 3.7 | 3.8 | 3.8 |
| 28 | 72 | 208 | 437 | 3.5 | 3.7 | 3.6 |