

Lichttechnischer Prüfbefund

Familie

Streetlight 31 midi toolless



Bestell-Nr.: 5XH7C31T08NA

EAN: 4069025098405

LP-Nummer

59082\_413

Ausführung

Mastansatz- / Mastaufsatzmontage, Smart Interface oben/unten

Optik

asymmetrisch, breit strahlend (ST0.8a G)

Abdeckung

Einscheibensicherheitsglas (ESG)

Bestückung

LED 3000 K | CRI ≥ 70

Betriebsgerät

EVG SITECO - Smart Interface

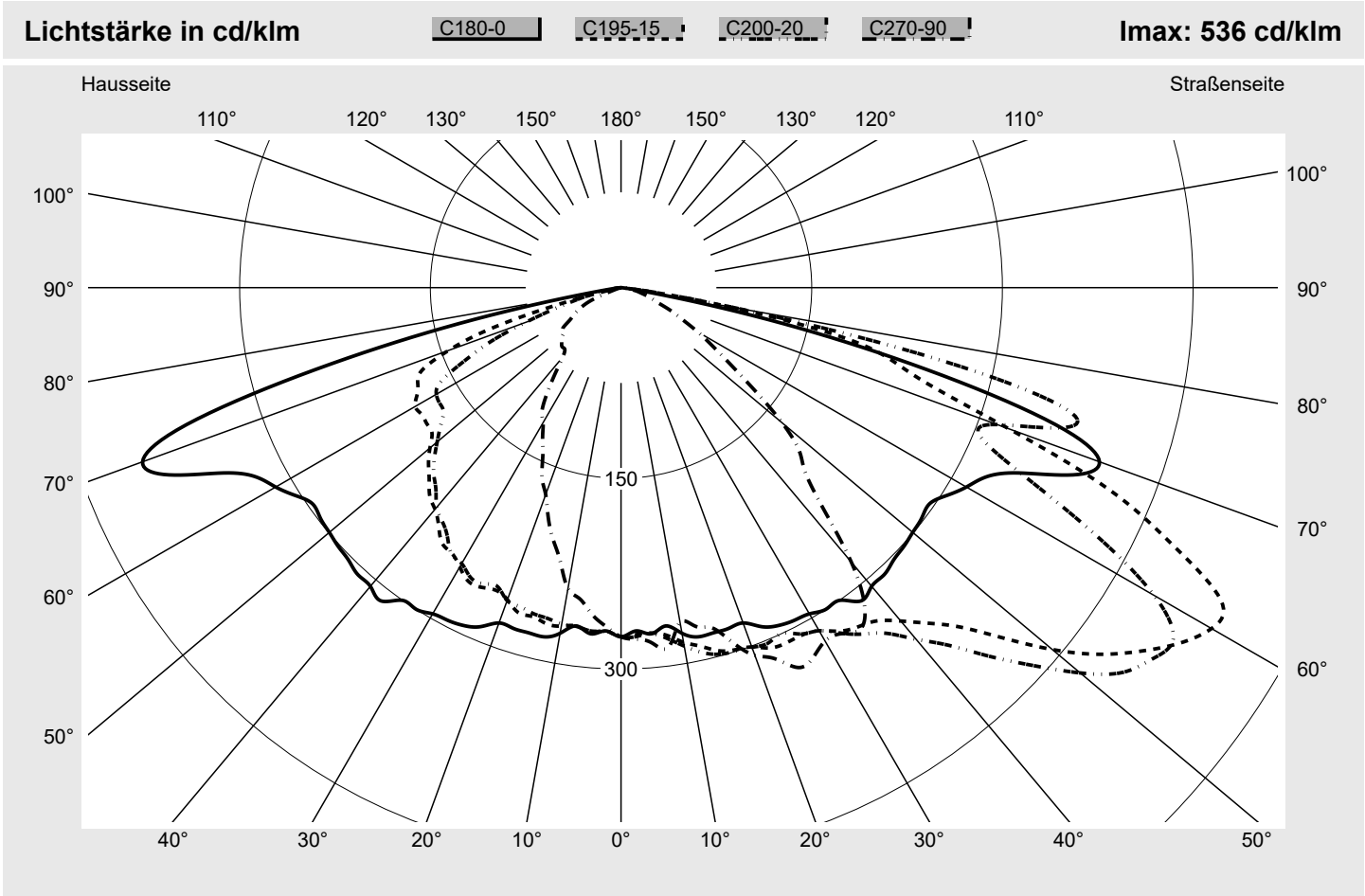
Bemessungswerte

Nettolichtstrom = 22750 lm  
Systemleistung = 149.5 W  
Lichtausbeute = 152.2 lm/W

Seriendokumentation

10.04.2024

siteco



| Leuchtenbetriebswirkungsgrade |        | Lichtstärkeklasse nach EN13201-2 |       |
|-------------------------------|--------|----------------------------------|-------|
| Eta                           | 100.0% | Klasse:                          | G4    |
| Eta 0° - 90°                  | 100.0% | Imax 70°                         | 493.9 |
| Eta 90° - 180°                | 0.0%   | Imax 80°                         | 97.8  |
|                               |        | 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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**59082\_413**

Kegelmantelkurven in cd/klm

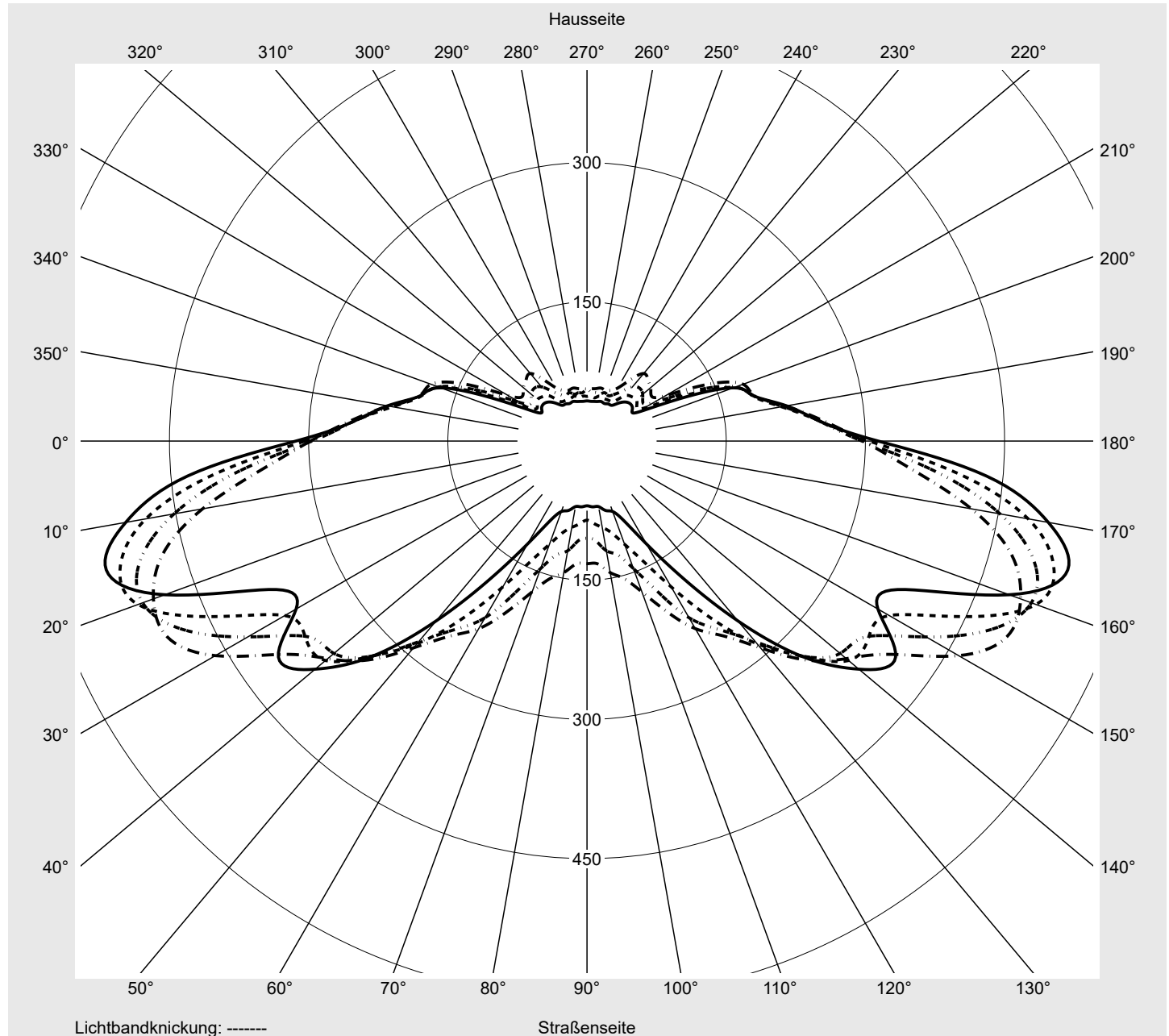
KMK 60°

KMK 57,5°

KMK 55°

KMK 52,5°

siteco



Lichttechnischer Prüfbefund

| Familie                         |                       |            |             | Bestell-Nr.: 5XH7C31T08NA |             |             |             |             |             |             |             | LP-Nummer   |             |
|---------------------------------|-----------------------|------------|-------------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Streetlight 31 midi toolless    |                       |            |             | EAN: 4069025098405        |             |             |             |             |             |             |             | 59082_413   |             |
| Wertetabelle Lichtstärkemessung |                       |            |             |                           |             |             |             |             |             |             |             | siteco      |             |
| C-<br>Ebenen                    | 0°<br>180°            | 5°<br>175° | 10°<br>170° | 15°<br>165°               | 20°<br>160° | 25°<br>155° | 30°<br>150° | 35°<br>145° | 40°<br>140° | 45°<br>135° | 50°<br>130° | 55°<br>125° | 60°<br>120° |
| γ                               | Lichtstärke in cd/klm |            |             |                           |             |             |             |             |             |             |             |             |             |
| 0,0°                            | 274.7                 | 274.7      | 274.7       | 274.7                     | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       |
| 2,5°                            | 270.3                 | 270.4      | 271.5       | 273.2                     | 274.7       | 274.7       | 274.1       | 274.2       | 274.4       | 274.0       | 277.0       | 277.1       | 276.6       |
| 5,0°                            | 273.4                 | 274.3      | 273.6       | 272.7                     | 273.3       | 272.3       | 273.5       | 276.6       | 278.8       | 280.3       | 282.6       | 283.8       | 283.6       |
| 7,5°                            | 268.4                 | 272.0      | 274.5       | 275.9                     | 278.4       | 281.1       | 280.9       | 281.1       | 283.3       | 281.4       | 281.4       | 282.2       | 283.4       |
| 10,0°                           | 276.1                 | 275.9      | 278.7       | 283.3                     | 286.3       | 286.9       | 286.0       | 284.7       | 284.2       | 281.9       | 279.6       | 277.1       | 277.3       |
| 12,5°                           | 281.3                 | 282.2      | 283.7       | 288.9                     | 293.9       | 293.8       | 293.7       | 291.9       | 286.3       | 284.1       | 279.7       | 275.7       | 274.4       |
| 15,0°                           | 281.1                 | 288.0      | 292.4       | 295.7                     | 298.6       | 296.0       | 289.7       | 288.1       | 284.8       | 282.9       | 277.7       | 276.9       | 276.0       |
| 17,5°                           | 281.1                 | 290.6      | 297.2       | 298.7                     | 299.8       | 298.7       | 288.5       | 285.6       | 284.8       | 283.6       | 284.4       | 283.4       | 282.6       |
| 20,0°                           | 280.7                 | 292.1      | 296.6       | 300.8                     | 301.1       | 293.8       | 288.4       | 289.1       | 289.4       | 289.7       | 292.3       | 294.8       | 294.6       |
| 22,5°                           | 288.7                 | 295.6      | 305.2       | 306.8                     | 302.6       | 291.6       | 294.7       | 298.4       | 296.3       | 302.0       | 304.4       | 307.3       | 310.9       |
| 25,0°                           | 293.3                 | 302.1      | 310.2       | 308.2                     | 300.0       | 304.4       | 300.3       | 306.0       | 314.5       | 315.8       | 322.6       | 327.6       | 328.1       |
| 27,5°                           | 295.1                 | 304.0      | 315.6       | 308.2                     | 307.2       | 309.0       | 311.5       | 316.2       | 322.4       | 331.3       | 341.0       | 342.3       | 347.8       |
| 30,0°                           | 296.3                 | 310.5      | 318.6       | 311.7                     | 311.7       | 317.3       | 321.0       | 328.4       | 335.1       | 348.1       | 357.8       | 362.2       | 361.1       |
| 32,5°                           | 300.0                 | 316.4      | 321.2       | 320.4                     | 322.3       | 332.0       | 333.6       | 347.0       | 358.3       | 367.3       | 373.3       | 381.7       | 372.6       |
| 35,0°                           | 300.3                 | 319.7      | 321.7       | 325.6                     | 332.6       | 343.0       | 357.1       | 367.9       | 377.8       | 390.3       | 388.6       | 387.7       | 369.4       |
| 37,5°                           | 310.5                 | 323.4      | 327.5       | 330.5                     | 342.7       | 360.8       | 372.5       | 392.7       | 414.1       | 412.2       | 402.6       | 386.6       | 372.5       |
| 40,0°                           | 306.7                 | 330.8      | 334.6       | 342.4                     | 361.1       | 375.6       | 400.5       | 408.6       | 435.7       | 427.5       | 406.4       | 389.1       | 370.1       |
| 42,5°                           | 306.3                 | 335.9      | 340.9       | 358.1                     | 381.7       | 400.9       | 421.0       | 435.6       | 445.3       | 435.6       | 399.0       | 382.7       | 355.5       |
| 45,0°                           | 303.2                 | 331.0      | 352.9       | 377.7                     | 410.2       | 434.3       | 445.3       | 455.7       | 442.6       | 423.9       | 389.8       | 341.8       | 303.3       |
| 47,5°                           | 301.6                 | 336.5      | 377.0       | 408.1                     | 440.1       | 460.6       | 469.6       | 457.4       | 422.0       | 387.5       | 349.8       | 300.0       | 258.6       |
| 50,0°                           | 299.6                 | 347.6      | 392.2       | 442.9                     | 471.5       | 482.6       | 470.8       | 441.6       | 392.0       | 354.8       | 309.2       | 269.5       | 243.1       |
| 52,5°                           | 298.1                 | 351.8      | 420.7       | 473.8                     | 497.3       | 499.2       | 462.5       | 400.7       | 364.8       | 333.6       | 290.9       | 256.4       | 233.4       |
| 55,0°                           | 296.4                 | 377.3      | 452.0       | 498.7                     | 509.7       | 480.6       | 422.2       | 367.6       | 356.1       | 327.6       | 282.3       | 247.9       | 219.8       |
| 57,5°                           | 304.1                 | 401.5      | 482.8       | 520.7                     | 515.0       | 447.7       | 376.1       | 370.2       | 367.9       | 327.8       | 285.1       | 233.0       | 181.5       |
| 60,0°                           | 313.7                 | 432.1      | 504.8       | 536.4                     | 484.2       | 378.6       | 362.0       | 406.0       | 382.5       | 328.5       | 253.1       | 180.4       | 127.9       |
| 62,5°                           | 323.0                 | 454.5      | 522.9       | 531.9                     | 420.3       | 344.5       | 406.4       | 437.2       | 400.9       | 298.6       | 180.8       | 103.7       | 72.0        |
| 65,0°                           | 344.9                 | 474.6      | 534.2       | 478.7                     | 349.3       | 355.5       | 461.5       | 463.3       | 369.4       | 197.1       | 86.0        | 60.4        | 50.6        |
| 67,5°                           | 384.9                 | 502.1      | 523.3       | 416.2                     | 305.9       | 418.2       | 501.2       | 453.1       | 243.9       | 95.6        | 57.8        | 47.3        | 41.7        |
| 70,0°                           | 400.5                 | 466.7      | 464.5       | 324.8                     | 314.9       | 493.9       | 484.0       | 328.4       | 125.6       | 60.9        | 45.2        | 38.8        | 34.8        |
| 72,5°                           | 358.5                 | 358.7      | 351.8       | 254.6                     | 365.9       | 485.2       | 394.2       | 184.1       | 76.3        | 45.4        | 33.5        | 30.2        | 27.1        |
| 75,0°                           | 248.8                 | 218.0      | 225.7       | 220.3                     | 356.9       | 392.4       | 267.8       | 98.5        | 34.6        | 31.5        | 29.4        | 24.9        | 21.7        |
| 77,5°                           | 130.6                 | 113.0      | 145.7       | 175.3                     | 240.1       | 233.3       | 127.5       | 42.6        | 21.2        | 23.4        | 23.0        | 16.7        | 15.6        |
| 80,0°                           | 34.5                  | 28.3       | 60.6        | 84.1                      | 88.8        | 97.8        | 40.6        | 17.8        | 14.2        | 16.4        | 14.0        | 11.1        | 11.6        |
| 82,5°                           | 7.5                   | 5.6        | 9.8         | 16.6                      | 21.5        | 20.4        | 10.9        | 7.9         | 8.8         | 8.6         | 8.9         | 5.8         | 7.0         |
| 85,0°                           | 1.1                   | 1.2        | 1.1         | 1.3                       | 1.4         | 1.9         | 2.3         | 2.1         | 2.2         | 2.7         | 3.5         | 2.8         | 2.3         |
| 87,5°                           | 0.3                   | 0.3        | 0.3         | 0.3                       | 0.4         | 0.4         | 0.5         | 0.6         | 0.6         | 0.7         | 0.8         | 0.6         | 0.5         |
| 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         |                       |             |             |                                                 |            |       |              |              |              |              |              | siteco                 |              |
| Maximale Lichtstärke                    |                       |             |             |                                                 |            |       |              |              |              |              |              |                        |              |
| C-<br>Ebenen                            | 65°<br>115°           | 70°<br>110° | 75°<br>105° | 80°<br>100°                                     | 85°<br>95° | 90°   | 185°<br>355° | 190°<br>350° | 195°<br>345° | 200°<br>340° | 205°<br>335° | 210°<br>330°           | 215°<br>325° |
| γ                                       | Lichtstärke in cd/klm |             |             |                                                 |            |       |              |              |              |              |              |                        |              |
| 0,0°                                    | 274.7                 | 274.7       | 274.7       | 274.7                                           | 274.7      | 274.7 | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7                  | 274.7        |
| 2,5°                                    | 277.3                 | 277.3       | 277.6       | 276.6                                           | 277.0      | 276.8 | 270.8        | 271.1        | 270.4        | 270.8        | 270.2        | 268.3                  | 267.7        |
| 5,0°                                    | 281.9                 | 281.9       | 278.2       | 280.1                                           | 281.1      | 280.6 | 273.6        | 273.0        | 271.7        | 271.1        | 269.1        | 268.2                  | 265.4        |
| 7,5°                                    | 283.5                 | 282.9       | 281.4       | 281.0                                           | 282.1      | 285.4 | 268.8        | 268.8        | 268.5        | 268.8        | 266.7        | 267.0                  | 264.4        |
| 10,0°                                   | 279.2                 | 274.9       | 270.8       | 268.5                                           | 269.2      | 267.3 | 274.9        | 272.6        | 270.4        | 268.7        | 265.5        | 260.5                  | 259.1        |
| 12,5°                                   | 272.1                 | 272.1       | 273.6       | 269.2                                           | 269.2      | 273.1 | 277.7        | 274.5        | 270.9        | 266.6        | 261.3        | 260.1                  | 257.8        |
| 15,0°                                   | 276.2                 | 274.6       | 273.2       | 280.0                                           | 279.6      | 277.2 | 274.9        | 270.0        | 268.0        | 265.6        | 261.1        | 253.1                  | 248.9        |
| 17,5°                                   | 285.8                 | 287.0       | 285.3       | 286.6                                           | 289.2      | 292.9 | 272.7        | 272.3        | 268.1        | 263.3        | 259.7        | 253.3                  | 247.5        |
| 20,0°                                   | 299.1                 | 299.4       | 301.3       | 300.1                                           | 304.9      | 307.8 | 276.8        | 266.0        | 261.2        | 262.0        | 255.9        | 246.8                  | 236.8        |
| 22,5°                                   | 313.3                 | 316.0       | 319.4       | 316.6                                           | 317.2      | 315.9 | 280.7        | 268.4        | 257.6        | 254.4        | 250.0        | 238.1                  | 227.3        |
| 25,0°                                   | 332.9                 | 331.7       | 329.1       | 327.2                                           | 327.4      | 329.8 | 278.2        | 269.4        | 260.1        | 257.0        | 246.4        | 228.9                  | 216.0        |
| 27,5°                                   | 347.9                 | 343.4       | 339.0       | 334.3                                           | 330.1      | 327.7 | 279.9        | 264.3        | 260.3        | 256.8        | 239.8        | 225.1                  | 209.4        |
| 30,0°                                   | 360.9                 | 348.0       | 335.3       | 330.2                                           | 324.7      | 321.0 | 279.0        | 262.4        | 253.7        | 250.7        | 238.4        | 217.0                  | 198.0        |
| 32,5°                                   | 362.6                 | 347.1       | 334.4       | 330.4                                           | 326.1      | 322.8 | 284.1        | 262.1        | 247.8        | 248.2        | 226.8        | 210.6                  | 193.3        |
| 35,0°                                   | 356.8                 | 346.6       | 334.7       | 336.8                                           | 328.1      | 328.1 | 280.8        | 258.0        | 245.4        | 238.4        | 219.8        | 203.2                  | 186.8        |
| 37,5°                                   | 357.5                 | 341.5       | 333.2       | 324.9                                           | 314.7      | 314.6 | 279.2        | 255.9        | 235.7        | 231.4        | 214.7        | 193.6                  | 178.6        |
| 40,0°                                   | 343.5                 | 323.7       | 301.8       | 292.7                                           | 285.0      | 281.8 | 278.8        | 246.9        | 227.6        | 225.6        | 204.9        | 186.4                  | 162.2        |
| 42,5°                                   | 311.3                 | 283.7       | 259.6       | 245.5                                           | 240.5      | 235.1 | 275.8        | 245.2        | 222.6        | 215.5        | 197.8        | 175.8                  | 147.6        |
| 45,0°                                   | 263.6                 | 240.0       | 225.9       | 210.9                                           | 205.5      | 204.7 | 269.5        | 235.2        | 213.4        | 208.3        | 188.9        | 160.6                  | 131.2        |
| 47,5°                                   | 233.5                 | 212.2       | 205.2       | 196.9                                           | 185.3      | 190.2 | 264.3        | 230.8        | 205.4        | 199.3        | 173.8        | 140.3                  | 115.6        |
| 50,0°                                   | 214.5                 | 200.5       | 186.8       | 176.0                                           | 167.7      | 165.6 | 259.0        | 220.9        | 196.2        | 188.8        | 159.4        | 120.1                  | 101.4        |
| 52,5°                                   | 202.4                 | 173.0       | 153.3       | 144.0                                           | 132.9      | 132.1 | 254.9        | 217.3        | 187.5        | 179.0        | 145.3        | 98.1                   | 84.8         |
| 55,0°                                   | 178.1                 | 146.2       | 127.0       | 120.0                                           | 107.8      | 104.8 | 250.8        | 214.4        | 186.5        | 170.5        | 129.2        | 82.5                   | 73.4         |
| 57,5°                                   | 142.5                 | 118.4       | 102.4       | 94.4                                            | 89.3       | 85.3  | 251.0        | 212.9        | 185.8        | 169.2        | 115.7        | 71.1                   | 65.4         |
| 60,0°                                   | 95.2                  | 80.8        | 77.5        | 71.8                                            | 71.2       | 69.8  | 251.1        | 218.4        | 187.0        | 167.7        | 103.8        | 61.3                   | 59.6         |
| 62,5°                                   | 58.0                  | 54.8        | 52.2        | 54.7                                            | 53.3       | 54.6  | 253.1        | 214.1        | 180.6        | 159.5        | 93.9         | 56.2                   | 53.4         |
| 65,0°                                   | 44.4                  | 44.5        | 46.9        | 43.2                                            | 43.6       | 44.1  | 259.8        | 218.3        | 176.5        | 135.3        | 87.7         | 51.0                   | 49.2         |
| 67,5°                                   | 38.9                  | 35.1        | 35.0        | 34.1                                            | 33.4       | 32.4  | 277.4        | 228.7        | 169.2        | 111.0        | 72.7         | 44.8                   | 40.8         |
| 70,0°                                   | 31.2                  | 27.0        | 26.8        | 26.1                                            | 26.1       | 26.6  | 284.4        | 224.8        | 144.3        | 80.0         | 58.1         | 39.0                   | 36.7         |
| 72,5°                                   | 24.4                  | 22.5        | 22.5        | 20.4                                            | 21.1       | 21.5  | 265.5        | 198.7        | 107.9        | 53.5         | 43.1         | 34.7                   | 32.8         |
| 75,0°                                   | 18.8                  | 17.1        | 17.9        | 17.0                                            | 16.6       | 16.3  | 204.9        | 133.2        | 50.6         | 34.4         | 32.4         | 29.0                   | 26.8         |
| 77,5°                                   | 14.7                  | 13.5        | 12.8        | 12.5                                            | 12.8       | 12.8  | 119.2        | 54.2         | 11.6         | 23.6         | 21.2         | 18.0                   | 18.4         |
| 80,0°                                   | 10.6                  | 10.1        | 9.1         | 8.6                                             | 8.6        | 8.1   | 33.5         | 11.1         | 7.6          | 13.9         | 11.9         | 10.5                   | 10.2         |
| 82,5°                                   | 7.3                   | 6.2         | 6.1         | 5.6                                             | 4.9        | 5.4   | 5.5          | 2.7          | 2.8          | 3.8          | 4.3          | 3.5                    | 2.3          |
| 85,0°                                   | 3.5                   | 3.6         | 2.8         | 2.5                                             | 2.0        | 2.1   | 1.1          | 1.0          | 0.9          | 0.9          | 0.8          | 0.7                    | 0.4          |
| 87,5°                                   | 0.7                   | 0.6         | 0.5         | 0.5                                             | 0.4        | 0.4   | 0.3          | 0.2          | 0.2          | 0.2          | 0.2          | 0.1                    | 0.0          |
| 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                    | 0.0          |

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|-----------------------------------------|-----------------------|--------------|--------------|-------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|------------------------|-------------------|
| Wertetabelle Lichtstärkemessung         |                       |              |              |                                                 |              |              |              |              |              |              |       | siteco                 |                   |
| C-<br>Ebenen                            | 220°<br>320°          | 225°<br>315° | 230°<br>310° | 235°<br>305°                                    | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270°  | Phi-Zone               | Summe<br>Phi-Zone |
| γ                                       | Lichtstärke in cd/klm |              |              |                                                 |              |              |              |              |              |              |       | Lichtstrom in lm/klm   |                   |
| 0,0°                                    | 274.7                 | 274.7        | 274.7        | 274.7                                           | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7 | 0.4                    | 0.4               |
| 2,5°                                    | 266.9                 | 268.1        | 268.2        | 268.7                                           | 268.5        | 267.1        | 267.0        | 267.7        | 267.4        | 266.6        | 267.0 | 3.3                    | 3.7               |
| 5,0°                                    | 263.6                 | 262.9        | 262.0        | 260.1                                           | 259.5        | 259.0        | 256.6        | 256.8        | 259.2        | 257.8        | 258.3 | 6.5                    | 10.1              |
| 7,5°                                    | 260.8                 | 257.0        | 250.7        | 249.7                                           | 247.6        | 246.8        | 246.7        | 245.8        | 245.3        | 247.7        | 247.1 | 9.6                    | 19.8              |
| 10,0°                                   | 252.8                 | 249.3        | 247.8        | 246.7                                           | 248.4        | 244.5        | 243.4        | 240.2        | 241.8        | 240.9        | 240.4 | 12.7                   | 32.4              |
| 12,5°                                   | 253.4                 | 252.4        | 245.5        | 238.4                                           | 237.7        | 235.4        | 233.8        | 229.5        | 224.3        | 224.0        | 220.7 | 15.7                   | 48.2              |
| 15,0°                                   | 244.8                 | 237.8        | 231.9        | 225.9                                           | 220.6        | 215.3        | 208.8        | 208.3        | 207.9        | 205.7        | 205.7 | 18.5                   | 66.7              |
| 17,5°                                   | 234.5                 | 223.9        | 215.9        | 208.8                                           | 204.9        | 202.3        | 197.0        | 195.4        | 195.9        | 193.7        | 190.2 | 21.4                   | 88.1              |
| 20,0°                                   | 225.2                 | 218.0        | 205.4        | 199.6                                           | 193.3        | 189.7        | 186.4        | 179.5        | 178.4        | 175.2        | 173.3 | 24.2                   | 112.4             |
| 22,5°                                   | 216.7                 | 204.6        | 199.4        | 191.6                                           | 182.0        | 178.9        | 173.7        | 168.4        | 165.9        | 162.8        | 162.3 | 27.2                   | 139.6             |
| 25,0°                                   | 204.9                 | 195.2        | 187.0        | 178.8                                           | 174.1        | 164.7        | 158.3        | 153.2        | 148.3        | 147.1        | 145.5 | 30.2                   | 169.8             |
| 27,5°                                   | 196.3                 | 186.4        | 178.9        | 166.9                                           | 161.7        | 149.4        | 143.4        | 139.0        | 134.8        | 135.6        | 133.7 | 33.1                   | 202.9             |
| 30,0°                                   | 190.9                 | 177.5        | 163.1        | 156.2                                           | 146.5        | 137.9        | 134.3        | 127.6        | 124.1        | 121.6        | 122.6 | 35.7                   | 238.6             |
| 32,5°                                   | 181.0                 | 165.6        | 154.2        | 144.9                                           | 134.1        | 130.0        | 128.2        | 124.1        | 121.8        | 116.9        | 115.9 | 38.6                   | 277.2             |
| 35,0°                                   | 167.7                 | 157.4        | 146.1        | 134.8                                           | 131.4        | 126.8        | 124.8        | 120.5        | 110.3        | 104.9        | 101.4 | 41.3                   | 318.5             |
| 37,5°                                   | 156.7                 | 145.7        | 133.9        | 129.2                                           | 129.2        | 125.7        | 115.5        | 103.4        | 94.2         | 86.0         | 85.0  | 43.7                   | 362.2             |
| 40,0°                                   | 146.9                 | 134.3        | 126.9        | 126.3                                           | 125.9        | 115.4        | 98.8         | 88.6         | 77.3         | 72.8         | 71.3  | 45.3                   | 407.5             |
| 42,5°                                   | 136.5                 | 122.6        | 122.7        | 123.6                                           | 114.3        | 99.3         | 84.3         | 75.2         | 69.8         | 69.3         | 65.6  | 46.2                   | 453.8             |
| 45,0°                                   | 120.9                 | 117.7        | 119.9        | 119.0                                           | 104.2        | 85.2         | 72.0         | 67.4         | 65.3         | 64.5         | 65.6  | 46.5                   | 500.3             |
| 47,5°                                   | 109.1                 | 110.0        | 113.2        | 107.7                                           | 88.8         | 73.6         | 66.8         | 64.8         | 64.8         | 63.5         | 63.4  | 46.7                   | 547.0             |
| 50,0°                                   | 97.5                  | 101.6        | 105.2        | 92.5                                            | 74.5         | 65.6         | 61.9         | 61.6         | 59.1         | 61.3         | 61.0  | 46.7                   | 593.7             |
| 52,5°                                   | 89.6                  | 92.9         | 95.0         | 80.0                                            | 65.9         | 60.3         | 58.1         | 59.1         | 57.5         | 56.6         | 56.1  | 46.3                   | 640.0             |
| 55,0°                                   | 78.3                  | 80.4         | 76.2         | 65.5                                            | 57.9         | 54.0         | 55.5         | 52.2         | 52.9         | 52.4         | 56.0  | 45.7                   | 685.7             |
| 57,5°                                   | 69.5                  | 67.7         | 63.9         | 52.8                                            | 49.8         | 49.5         | 49.4         | 50.2         | 47.3         | 48.6         | 48.1  | 45.3                   | 730.9             |
| 60,0°                                   | 61.6                  | 59.4         | 53.6         | 47.0                                            | 46.1         | 44.6         | 45.2         | 44.1         | 43.4         | 43.0         | 43.3  | 44.1                   | 775.0             |
| 62,5°                                   | 55.6                  | 50.3         | 44.1         | 41.3                                            | 40.6         | 40.9         | 40.9         | 39.6         | 40.9         | 39.1         | 37.9  | 42.3                   | 817.3             |
| 65,0°                                   | 46.5                  | 42.0         | 38.0         | 35.8                                            | 35.8         | 36.1         | 35.5         | 33.9         | 31.7         | 32.0         | 31.7  | 40.2                   | 857.5             |
| 67,5°                                   | 39.5                  | 36.1         | 31.5         | 29.7                                            | 29.9         | 29.1         | 27.9         | 25.5         | 23.3         | 22.3         | 22.6  | 38.2                   | 895.8             |
| 70,0°                                   | 34.2                  | 29.3         | 27.2         | 25.7                                            | 24.5         | 22.3         | 19.1         | 14.7         | 12.3         | 10.1         | 9.4   | 34.5                   | 930.3             |
| 72,5°                                   | 27.0                  | 24.4         | 22.8         | 20.1                                            | 17.7         | 12.1         | 9.4          | 6.3          | 4.4          | 4.3          | 4.3   | 28.9                   | 959.1             |
| 75,0°                                   | 21.4                  | 18.1         | 16.5         | 13.1                                            | 8.9          | 5.4          | 3.9          | 2.7          | 2.0          | 1.9          | 2.4   | 21.1                   | 980.3             |
| 77,5°                                   | 15.3                  | 10.9         | 8.3          | 5.4                                             | 3.5          | 2.1          | 1.3          | 1.0          | 0.9          | 1.0          | 1.4   | 12.6                   | 992.9             |
| 80,0°                                   | 7.1                   | 3.9          | 2.2          | 1.4                                             | 0.8          | 0.5          | 0.4          | 0.4          | 0.3          | 0.4          | 0.4   | 5.2                    | 998.0             |
| 82,5°                                   | 1.4                   | 0.6          | 0.3          | 0.2                                             | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.2   | 1.5                    | 999.6             |
| 85,0°                                   | 0.2                   | 0.1          | 0.0          | 0.0                                             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.4                    | 999.9             |
| 87,5°                                   | 0.0                   | 0.0          | 0.0          | 0.0                                             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.1                    | 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

|                                                       |                                                               |                                                                                     |
|-------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Familie</b><br><b>Streetlight 31 midi toolless</b> | <b>Bestell-Nr.: 5XH7C31T08NA</b><br><b>EAN: 4069025098405</b> | <b>LP-Nummer</b><br><b>59082_413</b>                                                |
| <b>Dimmstufen-Tabelle</b> Umgebungstemperatur: 25°C   |                                                               |  |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 22750           | 149.5                                | 163.6                              | 156.6                           |
| 95             | 239              | 252                     | 21634           | 140.1                                | 152.8                              | 146.4                           |
| 90             | 224              | 249                     | 20488           | 130.8                                | 142.5                              | 136.6                           |
| 85             | 209              | 247                     | 19308           | 121.6                                | 132.5                              | 127.0                           |
| 80             | 195              | 244                     | 18181           | 113.1                                | 123.1                              | 118.1                           |
| 75             | 181              | 242                     | 17026           | 104.7                                | 113.9                              | 109.3                           |
| 70             | 168              | 239                     | 15940           | 97.0                                 | 105.4                              | 101.2                           |
| 65             | 154              | 236                     | 14747           | 88.7                                 | 96.4                               | 92.6                            |
| 60             | 141              | 232                     | 13620           | 81.1                                 | 88.1                               | 84.6                            |
| 55             | 128              | 229                     | 12472           | 73.6                                 | 79.8                               | 76.7                            |
| 50             | 116              | 225                     | 11396           | 66.6                                 | 72.3                               | 69.4                            |
| 45             | 103              | 221                     | 10209           | 59.2                                 | 64.2                               | 61.7                            |
| 40             | 91               | 216                     | 9095            | 52.2                                 | 56.7                               | 54.4                            |
| 35             | 79               | 211                     | 7967            | 45.4                                 | 49.3                               | 47.3                            |
| 30             | 67               | 205                     | 6822            | 38.5                                 | 41.7                               | 40.1                            |
| 25             | 55               | 198                     | 5659            | 31.8                                 | 34.4                               | 33.1                            |
| 20             | 44               | 190                     | 4580            | 25.8                                 | 27.8                               | 26.8                            |
| 15             | 32               | 178                     | 3391            | 19.4                                 | 20.8                               | 20.1                            |
| 10             | 21               | 163                     | 2286            | 13.4                                 | 14.4                               | 13.9                            |
| 10             | 20               | 161                     | 2186            | 12.9                                 | 13.8                               | 13.4                            |

|                                                    |  |
|----------------------------------------------------|--|
| <b>Dimmstufen-Tabelle</b> Umgebungstemperatur: 5°C |  |
|----------------------------------------------------|--|

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 23430           | 151.3                                | 165.6                              | 158.4                           |
| 95             | 239              | 252                     | 22248           | 141.9                                | 154.7                              | 148.3                           |
| 90             | 225              | 250                     | 21121           | 133.1                                | 145.0                              | 139.0                           |
| 85             | 210              | 247                     | 19885           | 123.8                                | 134.8                              | 129.3                           |
| 80             | 196              | 245                     | 18707           | 115.3                                | 125.4                              | 120.4                           |
| 75             | 183              | 242                     | 17597           | 107.4                                | 116.7                              | 112.0                           |
| 70             | 169              | 239                     | 16379           | 98.9                                 | 107.5                              | 103.2                           |
| 65             | 156              | 236                     | 15233           | 91.2                                 | 99.0                               | 95.1                            |
| 60             | 143              | 233                     | 14068           | 83.5                                 | 90.6                               | 87.0                            |
| 55             | 130              | 229                     | 12888           | 75.8                                 | 82.3                               | 79.0                            |
| 50             | 117              | 226                     | 11689           | 68.2                                 | 73.9                               | 71.1                            |
| 45             | 105              | 222                     | 10568           | 61.2                                 | 66.3                               | 63.8                            |
| 40             | 92               | 217                     | 9335            | 53.6                                 | 58.1                               | 55.8                            |
| 35             | 80               | 212                     | 8182            | 46.6                                 | 50.6                               | 48.6                            |
| 30             | 68               | 206                     | 7015            | 39.7                                 | 43.0                               | 41.4                            |
| 25             | 56               | 199                     | 5832            | 32.9                                 | 35.6                               | 34.2                            |
| 20             | 44               | 190                     | 4638            | 26.2                                 | 28.3                               | 27.2                            |
| 15             | 33               | 179                     | 3532            | 20.2                                 | 21.7                               | 21.0                            |
| 10             | 21               | 163                     | 2312            | 13.6                                 | 14.6                               | 14.1                            |
| 9              | 20               | 161                     | 2210            | 13.1                                 | 14.0                               | 13.6                            |

Lichttechnischer Prüfbefund

|                                                        |                                                               |                                      |
|--------------------------------------------------------|---------------------------------------------------------------|--------------------------------------|
| <b>Familie</b><br><b>Streetlight 31 midi toolless</b>  | <b>Bestell-Nr.: 5XH7C31T08NA</b><br><b>EAN: 4069025098405</b> | <b>LP-Nummer</b><br><b>59082_413</b> |
| <b>Dimmstufen-Tabelle</b><br>Umgebungstemperatur: 15°C |                                                               | <b>sit</b> eco                       |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 23120           | 150.4                                | 164.6                              | 157.5                           |
| 95             | 239              | 252                     | 21968           | 141.0                                | 153.7                              | 147.4                           |
| 90             | 224              | 249                     | 20789           | 131.6                                | 143.4                              | 137.5                           |
| 85             | 210              | 247                     | 19661           | 123.0                                | 133.9                              | 128.4                           |
| 80             | 196              | 245                     | 18507           | 114.5                                | 124.6                              | 119.6                           |
| 75             | 182              | 242                     | 17330           | 106.0                                | 115.3                              | 110.6                           |
| 70             | 169              | 239                     | 16220           | 98.2                                 | 106.7                              | 102.4                           |
| 65             | 155              | 236                     | 15005           | 89.9                                 | 97.7                               | 93.8                            |
| 60             | 142              | 233                     | 13858           | 82.3                                 | 89.3                               | 85.8                            |
| 55             | 129              | 229                     | 12693           | 74.7                                 | 81.0                               | 77.8                            |
| 50             | 117              | 226                     | 11600           | 67.7                                 | 73.4                               | 70.6                            |
| 45             | 104              | 221                     | 10399           | 60.1                                 | 65.2                               | 62.6                            |
| 40             | 92               | 217                     | 9272            | 53.2                                 | 57.7                               | 55.4                            |
| 35             | 80               | 212                     | 8129            | 46.2                                 | 50.2                               | 48.2                            |
| 30             | 68               | 206                     | 6974            | 39.4                                 | 42.6                               | 41.0                            |
| 25             | 56               | 199                     | 5800            | 32.7                                 | 35.3                               | 34.0                            |
| 20             | 44               | 190                     | 4614            | 26.0                                 | 28.0                               | 27.0                            |
| 15             | 33               | 179                     | 3515            | 20.0                                 | 21.5                               | 20.8                            |
| 10             | 21               | 163                     | 2301            | 13.5                                 | 14.5                               | 14.0                            |
| 10             | 20               | 161                     | 2200            | 13.0                                 | 13.9                               | 13.4                            |

Lichttechnischer Prüfbefund

|                                                       |                                                               |                                      |
|-------------------------------------------------------|---------------------------------------------------------------|--------------------------------------|
| <b>Familie</b><br><b>Streetlight 31 midi toolless</b> | <b>Bestell-Nr.: 5XH7C31T08NA</b><br><b>EAN: 4069025098405</b> | <b>LP-Nummer</b><br><b>59082_413</b> |
| <b>Lichtstrom-Tabelle</b>                             |                                                               | <b>siteco</b>                        |

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 25.0             | 22750.0          | 149.5               |
| 5.0              | 23430.0          | 151.3               |
| 15.0             | 23120.0          | 150.4               |