

## Lichttechnischer Prüfbefund

**Familie**  
Streetlight 31 maxi toolless

**Bestell-Nr.: 5XH8E41A08SA**  
**EAN: 4069025105004**

**LP-Nummer**  
**59077\_2342**



**Ausführung** Mastansatz- / Mastaufsatzmontage  
**Optik** direkt, asymmetrisch breit strahlend  
 S100006  
**Abdeckung** Einscheibensicherheitsglas (ESG)  
**Bestückung** LED 4000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO  
**Bemessungswerte** Nettolichtstrom = 29050 lm  
 Systemleistung = 208.6 W  
 Lichtausbeute = 139.3 lm/W

**Seriendokumentation**  
27.05.2024

siteco

**Lichtstärke in cd/klm**

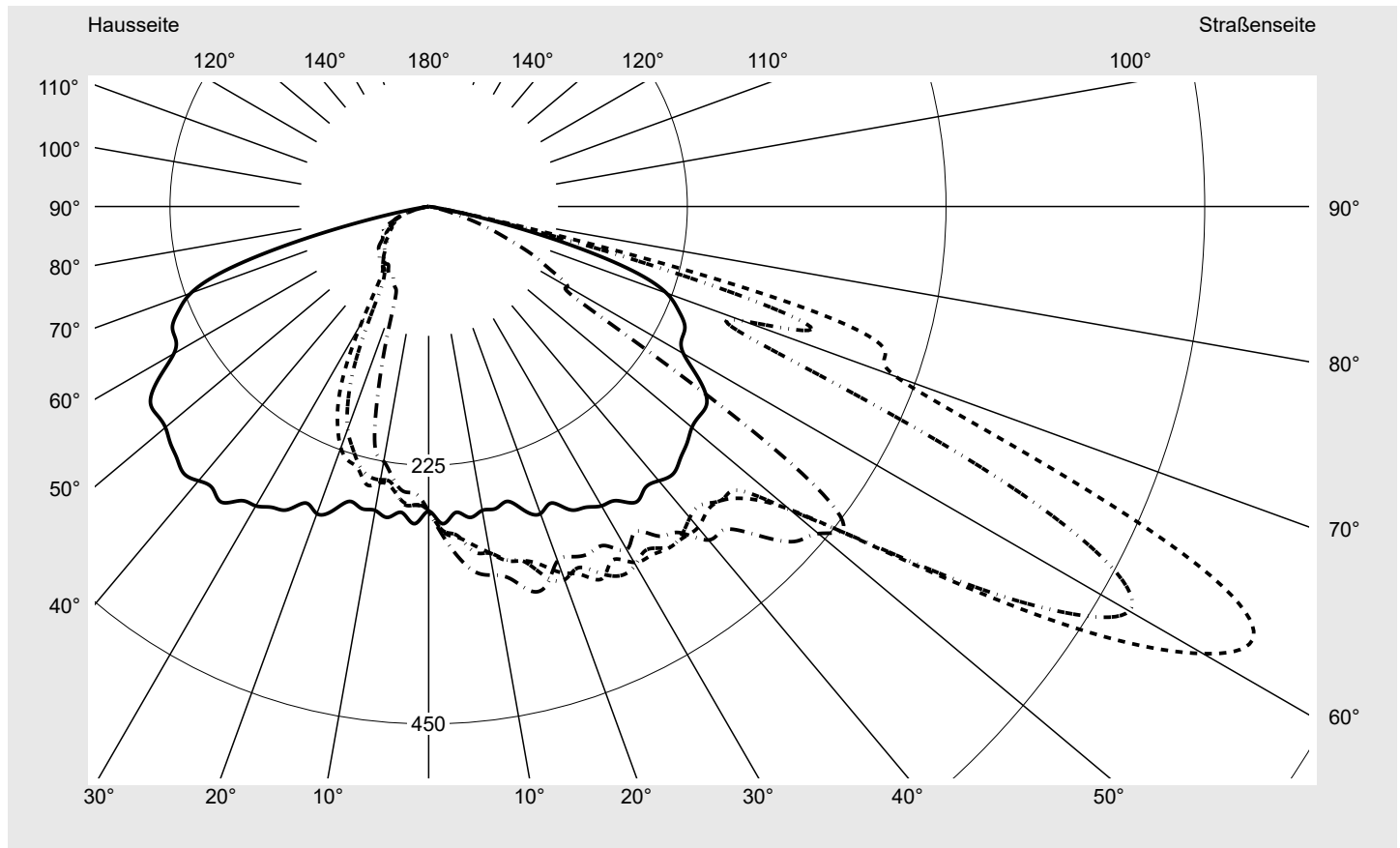
**C180-0**

**C210-30**

**C215-35**

**C270-90**

**Imax: 809 cd/klm**



**Leuchtenbetriebswirkungsgrade**

|                |        |
|----------------|--------|
| Eta            | 100.0% |
| Eta 0° - 90°   | 100.0% |
| Eta 90° - 180° | 0.0%   |

**Lichtstärkeklasse nach EN13201-2**

|           |       |
|-----------|-------|
| Klasse:   | G4    |
| Imax 70°  | 498.7 |
| Imax 80°  | 32.8  |
| 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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|--|---|--------------------------------|

**Kegelmantelkurven in cd/klm**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**    **KMK 55°**    **siteco**



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|  |   |                                       |
|--|---|---------------------------------------|
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| <b>Wertetabelle Lichtstärkemessung</b>         |   | <b>Maximale Lichtstärke</b>           |
|  |   | <b>siteco</b>                         |

| 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°         | 265.0                 | 265.0      | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       |
| 2,5°         | 276.1                 | 278.2      | 279.9       | 280.7       | 282.6       | 280.9       | 282.9       | 282.1       | 283.9       | 285.0       | 286.7       | 288.0       | 286.1       |
| 5,0°         | 267.2                 | 269.0      | 274.7       | 278.5       | 279.8       | 286.4       | 288.9       | 287.4       | 290.8       | 292.6       | 294.2       | 300.0       | 298.6       |
| 7,5°         | 272.7                 | 275.9      | 280.1       | 284.4       | 288.5       | 292.4       | 296.9       | 303.0       | 303.7       | 307.0       | 310.0       | 310.1       | 313.3       |
| 10,0°        | 268.4                 | 272.2      | 277.4       | 291.4       | 300.9       | 306.8       | 305.9       | 306.1       | 302.0       | 308.4       | 313.7       | 316.2       | 320.5       |
| 12,5°        | 269.1                 | 273.9      | 287.4       | 294.7       | 304.6       | 314.3       | 315.6       | 314.8       | 322.9       | 327.5       | 331.4       | 330.3       | 330.5       |
| 15,0°        | 265.5                 | 276.8      | 296.7       | 300.8       | 305.0       | 315.9       | 318.9       | 319.5       | 329.6       | 338.0       | 337.2       | 339.7       | 342.1       |
| 17,5°        | 277.4                 | 287.6      | 299.4       | 305.4       | 315.7       | 326.6       | 326.9       | 337.2       | 336.9       | 335.5       | 339.7       | 341.4       | 338.5       |
| 20,0°        | 284.3                 | 295.0      | 304.2       | 313.5       | 321.0       | 328.4       | 338.9       | 345.5       | 343.3       | 344.8       | 347.8       | 341.7       | 334.4       |
| 22,5°        | 279.1                 | 294.0      | 312.1       | 323.0       | 327.7       | 341.0       | 346.5       | 340.0       | 341.6       | 352.4       | 351.9       | 343.1       | 331.1       |
| 25,0°        | 291.0                 | 303.1      | 317.1       | 327.0       | 339.5       | 348.9       | 357.1       | 351.7       | 350.1       | 347.4       | 339.5       | 333.6       | 333.4       |
| 27,5°        | 295.0                 | 309.9      | 321.7       | 338.0       | 351.4       | 356.8       | 346.6       | 361.8       | 356.7       | 344.1       | 331.2       | 337.6       | 339.9       |
| 30,0°        | 300.7                 | 317.1      | 328.5       | 349.8       | 355.9       | 355.9       | 357.4       | 359.7       | 352.9       | 344.8       | 333.1       | 337.4       | 338.9       |
| 32,5°        | 303.3                 | 318.9      | 336.3       | 353.9       | 359.5       | 349.5       | 359.8       | 353.7       | 348.0       | 346.4       | 340.3       | 346.7       | 346.0       |
| 35,0°        | 314.0                 | 326.8      | 340.1       | 355.5       | 360.5       | 357.7       | 363.1       | 362.1       | 346.9       | 343.3       | 345.1       | 341.2       | 346.2       |
| 37,5°        | 308.9                 | 327.9      | 347.5       | 353.8       | 357.0       | 355.0       | 363.3       | 360.9       | 349.1       | 347.9       | 346.4       | 345.8       | 346.0       |
| 40,0°        | 311.4                 | 332.1      | 344.0       | 358.4       | 357.1       | 363.3       | 364.4       | 353.3       | 357.7       | 355.2       | 353.1       | 353.4       | 356.3       |
| 42,5°        | 315.1                 | 342.3      | 354.5       | 357.4       | 364.8       | 358.6       | 358.8       | 351.6       | 354.4       | 362.5       | 363.5       | 361.8       | 376.7       |
| 45,0°        | 309.7                 | 352.0      | 364.3       | 364.3       | 367.8       | 375.0       | 361.3       | 360.8       | 367.0       | 373.0       | 384.1       | 397.1       | 402.7       |
| 47,5°        | 304.8                 | 361.9      | 365.7       | 366.2       | 379.0       | 381.6       | 376.2       | 365.3       | 379.3       | 404.4       | 419.2       | 437.2       | 429.1       |
| 50,0°        | 298.9                 | 376.3      | 386.3       | 389.3       | 397.8       | 415.1       | 409.9       | 410.7       | 417.6       | 449.6       | 467.2       | 465.5       | 448.8       |
| 52,5°        | 297.8                 | 384.5      | 408.5       | 405.9       | 426.8       | 460.3       | 481.7       | 479.2       | 484.8       | 487.2       | 491.5       | 476.7       | 441.4       |
| 55,0°        | 295.5                 | 381.4      | 430.2       | 417.6       | 471.4       | 530.1       | 586.0       | 573.2       | 535.9       | 502.5       | 479.9       | 443.5       | 390.5       |
| 57,5°        | 278.4                 | 380.3      | 445.9       | 451.7       | 523.6       | 645.7       | 695.9       | 657.7       | 567.6       | 486.1       | 424.4       | 359.9       | 308.3       |
| 60,0°        | 255.9                 | 384.0      | 479.3       | 483.8       | 599.0       | 757.2       | 777.7       | 703.6       | 540.3       | 384.0       | 295.1       | 265.7       | 261.6       |
| 62,5°        | 248.4                 | 402.0      | 516.6       | 535.0       | 675.3       | 808.8       | 809.0       | 659.9       | 419.1       | 256.1       | 220.5       | 220.2       | 192.6       |
| 65,0°        | 245.9                 | 422.0      | 553.6       | 573.4       | 711.3       | 776.7       | 738.3       | 510.2       | 243.5       | 208.7       | 192.4       | 191.3       | 104.6       |
| 67,5°        | 235.0                 | 425.3      | 575.2       | 564.4       | 621.8       | 656.3       | 565.5       | 314.5       | 192.3       | 176.6       | 153.1       | 147.2       | 65.3        |
| 70,0°        | 220.0                 | 417.0      | 498.7       | 490.7       | 467.4       | 475.7       | 432.4       | 290.7       | 186.4       | 147.5       | 119.0       | 82.6        | 48.3        |
| 72,5°        | 186.1                 | 339.1      | 400.0       | 304.5       | 275.2       | 335.3       | 416.1       | 348.4       | 176.7       | 109.9       | 75.5        | 56.3        | 39.4        |
| 75,0°        | 123.0                 | 169.2      | 172.4       | 105.2       | 89.8        | 211.1       | 330.5       | 216.4       | 77.4        | 39.2        | 49.9        | 41.1        | 30.5        |
| 77,5°        | 56.5                  | 71.0       | 62.1        | 33.2        | 30.7        | 82.6        | 105.1       | 73.0        | 43.5        | 25.3        | 37.7        | 26.1        | 20.2        |
| 80,0°        | 17.1                  | 18.7       | 17.1        | 12.0        | 10.0        | 32.8        | 16.7        | 12.3        | 11.9        | 13.6        | 24.3        | 14.2        | 12.9        |
| 82,5°        | 2.8                   | 2.6        | 2.8         | 2.7         | 4.2         | 12.7        | 4.3         | 4.9         | 3.6         | 2.7         | 7.1         | 7.5         | 9.0         |
| 85,0°        | 0.6                   | 1.0        | 0.8         | 0.7         | 0.9         | 0.6         | 1.1         | 1.6         | 1.2         | 1.0         | 1.0         | 1.0         | 0.9         |
| 87,5°        | 0.2                   | 0.1        | 0.2         | 0.1         | 0.2         | 0.2         | 0.1         | 0.1         | 0.1         | 0.1         | 0.0         | 0.0         | 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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| <b>Wertetabelle Lichtstärkemessung</b>         |   | <b>Maximale Lichtstärke</b>           |
|  |   | <b>siteco</b>                         |

| 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°         | 265.0                 | 265.0       | 265.0       | 265.0       | 265.0      | 265.0 | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        |
| 2,5°         | 287.5                 | 287.6       | 287.1       | 287.4       | 287.0      | 287.0 | 273.3        | 268.1        | 264.9        | 264.2        | 262.9        | 260.1        | 259.7        |
| 5,0°         | 298.8                 | 299.6       | 303.6       | 304.8       | 306.2      | 307.1 | 263.9        | 264.0        | 263.7        | 260.2        | 262.6        | 257.7        | 259.0        |
| 7,5°         | 311.1                 | 312.7       | 314.2       | 315.4       | 319.9      | 321.2 | 264.6        | 260.9        | 257.4        | 253.9        | 248.6        | 246.6        | 243.3        |
| 10,0°        | 322.2                 | 321.1       | 324.7       | 324.1       | 330.8      | 325.5 | 261.4        | 256.1        | 251.1        | 248.3        | 244.7        | 244.0        | 241.3        |
| 12,5°        | 332.1                 | 335.3       | 335.1       | 332.5       | 329.2      | 332.0 | 262.3        | 260.1        | 252.5        | 246.3        | 242.6        | 247.9        | 240.3        |
| 15,0°        | 337.6                 | 337.3       | 338.6       | 345.5       | 346.4      | 346.4 | 261.0        | 256.5        | 253.2        | 248.3        | 245.2        | 236.4        | 233.1        |
| 17,5°        | 341.6                 | 341.9       | 341.5       | 339.9       | 341.6      | 343.8 | 270.2        | 262.3        | 253.8        | 247.9        | 241.6        | 232.0        | 220.2        |
| 20,0°        | 335.0                 | 333.0       | 331.7       | 327.6       | 328.6      | 327.9 | 267.8        | 260.8        | 255.7        | 239.3        | 232.0        | 223.3        | 206.1        |
| 22,5°        | 329.0                 | 328.2       | 327.2       | 332.2       | 325.7      | 329.6 | 271.4        | 267.7        | 246.7        | 240.9        | 224.1        | 206.9        | 183.3        |
| 25,0°        | 334.2                 | 338.9       | 333.4       | 328.8       | 331.6      | 332.3 | 273.9        | 267.1        | 247.9        | 230.6        | 210.1        | 185.4        | 153.1        |
| 27,5°        | 345.0                 | 340.9       | 338.0       | 336.9       | 330.6      | 332.5 | 281.1        | 265.5        | 244.5        | 212.3        | 189.3        | 154.5        | 114.5        |
| 30,0°        | 347.4                 | 348.6       | 347.5       | 338.6       | 338.7      | 344.5 | 287.4        | 263.9        | 231.2        | 198.3        | 160.4        | 116.8        | 84.4         |
| 32,5°        | 348.4                 | 347.2       | 343.8       | 343.5       | 341.8      | 335.2 | 290.9        | 256.1        | 220.6        | 179.3        | 126.7        | 86.3         | 72.1         |
| 35,0°        | 347.0                 | 345.2       | 346.6       | 347.5       | 342.5      | 350.1 | 287.0        | 243.6        | 204.1        | 146.9        | 96.2         | 70.3         | 66.8         |
| 37,5°        | 350.1                 | 351.8       | 356.0       | 359.3       | 353.9      | 357.4 | 278.7        | 226.5        | 179.7        | 108.7        | 69.8         | 65.7         | 65.1         |
| 40,0°        | 361.0                 | 366.3       | 369.3       | 373.6       | 367.6      | 378.6 | 271.5        | 211.0        | 146.0        | 80.9         | 62.4         | 61.5         | 61.5         |
| 42,5°        | 385.5                 | 380.9       | 382.4       | 379.9       | 385.9      | 381.1 | 253.2        | 192.1        | 110.3        | 60.5         | 58.0         | 57.7         | 57.7         |
| 45,0°        | 410.8                 | 397.6       | 391.9       | 399.7       | 411.0      | 404.2 | 243.1        | 159.0        | 76.9         | 55.3         | 55.2         | 53.6         | 54.0         |
| 47,5°        | 433.6                 | 414.0       | 411.4       | 415.7       | 420.3      | 431.3 | 227.6        | 126.7        | 55.1         | 50.4         | 51.7         | 51.7         | 52.1         |
| 50,0°        | 445.6                 | 425.7       | 419.8       | 449.5       | 443.7      | 442.5 | 210.7        | 88.3         | 49.0         | 47.6         | 47.1         | 49.3         | 47.6         |
| 52,5°        | 416.0                 | 395.0       | 398.9       | 443.8       | 448.1      | 454.9 | 180.9        | 59.1         | 45.7         | 45.0         | 43.8         | 45.3         | 45.8         |
| 55,0°        | 351.0                 | 328.5       | 323.8       | 337.9       | 333.0      | 364.6 | 154.6        | 48.8         | 43.8         | 42.1         | 39.9         | 41.0         | 43.9         |
| 57,5°        | 282.3                 | 263.7       | 206.2       | 182.5       | 171.1      | 170.4 | 121.8        | 44.9         | 41.6         | 41.3         | 39.9         | 40.0         | 43.9         |
| 60,0°        | 229.7                 | 151.7       | 135.7       | 165.2       | 139.3      | 139.5 | 86.6         | 41.6         | 37.8         | 38.2         | 38.7         | 36.9         | 40.7         |
| 62,5°        | 120.0                 | 107.2       | 116.5       | 138.1       | 117.6      | 119.8 | 77.0         | 39.6         | 36.3         | 35.0         | 36.5         | 37.2         | 37.1         |
| 65,0°        | 83.4                  | 91.6        | 95.7        | 104.6       | 97.6       | 100.3 | 69.3         | 36.7         | 32.8         | 31.9         | 34.4         | 37.0         | 32.8         |
| 67,5°        | 67.6                  | 73.1        | 74.5        | 77.1        | 78.6       | 76.2  | 54.0         | 28.7         | 29.8         | 27.7         | 32.7         | 34.8         | 32.1         |
| 70,0°        | 52.0                  | 55.8        | 56.0        | 55.7        | 56.2       | 56.3  | 41.4         | 23.6         | 24.9         | 23.4         | 27.3         | 28.8         | 27.1         |
| 72,5°        | 39.0                  | 39.0        | 37.7        | 39.2        | 37.6       | 36.6  | 39.4         | 19.2         | 19.3         | 19.8         | 21.9         | 22.2         | 21.5         |
| 75,0°        | 24.8                  | 24.3        | 23.5        | 23.2        | 21.8       | 20.8  | 33.9         | 14.3         | 14.8         | 15.1         | 17.1         | 14.6         | 15.3         |
| 77,5°        | 14.2                  | 13.2        | 12.7        | 11.4        | 11.4       | 9.5   | 22.2         | 10.4         | 8.7          | 9.2          | 11.9         | 11.0         | 10.9         |
| 80,0°        | 7.8                   | 5.8         | 5.4         | 4.1         | 4.0        | 2.8   | 9.0          | 5.5          | 5.3          | 4.7          | 5.5          | 5.6          | 6.8          |
| 82,5°        | 3.8                   | 1.6         | 1.4         | 1.0         | 1.4        | 0.9   | 2.5          | 2.3          | 2.2          | 2.3          | 2.5          | 2.8          | 3.4          |
| 85,0°        | 0.6                   | 0.4         | 0.3         | 0.3         | 0.3        | 0.4   | 0.8          | 0.7          | 0.8          | 0.8          | 0.7          | 0.9          | 1.0          |
| 87,5°        | 0.1                   | 0.1         | 0.1         | 0.2         | 0.1        | 0.1   | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.2          | 0.2          |
| 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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| <b>Wertetabelle Lichtstärkemessung</b>         |   | <b>Maximale Lichtstärke</b>           |
|  |   | <b>siteco</b>                         |

| 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°         | 265.0                 | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0 | 0.4                  | 0.4               |
| 2,5°         | 256.9                 | 256.0        | 255.6        | 256.1        | 254.6        | 252.5        | 250.9        | 249.4        | 248.9        | 249.4        | 250.4 | 3.2                  | 3.6               |
| 5,0°         | 255.7                 | 253.9        | 254.1        | 252.3        | 249.0        | 249.7        | 248.6        | 248.0        | 246.8        | 248.4        | 248.8 | 6.5                  | 10.2              |
| 7,5°         | 240.3                 | 241.6        | 243.4        | 240.7        | 241.4        | 239.6        | 241.1        | 240.8        | 239.1        | 237.5        | 238.3 | 9.8                  | 20.0              |
| 10,0°        | 240.0                 | 236.3        | 237.0        | 232.8        | 230.3        | 226.3        | 227.2        | 227.7        | 229.3        | 228.1        | 225.1 | 13.0                 | 33.0              |
| 12,5°        | 232.1                 | 228.4        | 226.2        | 223.2        | 220.3        | 215.5        | 208.4        | 206.4        | 206.3        | 212.3        | 215.0 | 16.3                 | 49.3              |
| 15,0°        | 228.7                 | 218.0        | 206.6        | 202.2        | 200.2        | 193.2        | 184.1        | 176.9        | 174.8        | 172.2        | 172.4 | 19.2                 | 68.5              |
| 17,5°        | 209.4                 | 198.3        | 189.0        | 174.2        | 161.0        | 148.0        | 139.2        | 129.3        | 122.8        | 121.0        | 123.7 | 21.6                 | 90.1              |
| 20,0°        | 192.2                 | 169.1        | 150.1        | 131.9        | 115.1        | 104.2        | 97.2         | 89.9         | 88.2         | 86.4         | 85.0  | 23.5                 | 113.6             |
| 22,5°        | 156.5                 | 129.9        | 107.3        | 94.2         | 82.7         | 77.8         | 78.4         | 76.9         | 75.2         | 76.8         | 76.1  | 25.4                 | 139.0             |
| 25,0°        | 117.5                 | 93.4         | 80.0         | 74.6         | 74.6         | 73.9         | 73.1         | 74.0         | 72.0         | 74.0         | 72.3  | 27.6                 | 166.6             |
| 27,5°        | 87.2                  | 75.8         | 71.2         | 72.6         | 73.4         | 71.9         | 71.0         | 71.6         | 70.4         | 71.1         | 67.8  | 29.8                 | 196.4             |
| 30,0°        | 73.6                  | 70.2         | 72.9         | 71.5         | 70.4         | 71.0         | 69.8         | 70.1         | 68.1         | 67.3         | 68.0  | 32.0                 | 228.4             |
| 32,5°        | 67.8                  | 68.1         | 67.7         | 70.5         | 70.7         | 68.2         | 67.0         | 65.7         | 64.1         | 63.6         | 65.2  | 33.9                 | 262.4             |
| 35,0°        | 66.4                  | 67.3         | 66.7         | 66.1         | 65.8         | 64.8         | 64.9         | 64.1         | 64.6         | 62.1         | 61.4  | 35.8                 | 298.2             |
| 37,5°        | 67.0                  | 67.1         | 66.4         | 64.8         | 64.1         | 62.0         | 62.1         | 63.5         | 62.3         | 64.1         | 62.6  | 37.7                 | 335.9             |
| 40,0°        | 65.2                  | 69.2         | 62.8         | 60.8         | 59.4         | 59.4         | 62.3         | 62.4         | 60.3         | 60.0         | 60.4  | 39.8                 | 375.7             |
| 42,5°        | 64.4                  | 66.3         | 68.6         | 56.9         | 57.5         | 58.5         | 59.4         | 60.7         | 57.9         | 58.0         | 62.3  | 42.0                 | 417.7             |
| 45,0°        | 61.0                  | 62.0         | 77.2         | 58.2         | 58.6         | 59.2         | 60.0         | 59.8         | 60.6         | 60.1         | 60.3  | 44.9                 | 462.5             |
| 47,5°        | 53.1                  | 53.8         | 65.9         | 58.5         | 59.2         | 58.8         | 59.9         | 60.0         | 59.8         | 59.0         | 57.8  | 47.8                 | 510.3             |
| 50,0°        | 49.0                  | 52.4         | 58.1         | 59.5         | 60.2         | 57.5         | 58.4         | 56.2         | 56.5         | 55.8         | 56.8  | 51.7                 | 562.1             |
| 52,5°        | 47.6                  | 51.8         | 55.7         | 54.3         | 55.8         | 54.5         | 53.9         | 54.8         | 53.8         | 53.5         | 53.4  | 54.9                 | 616.9             |
| 55,0°        | 47.0                  | 49.2         | 51.3         | 53.6         | 53.4         | 51.8         | 52.2         | 51.8         | 51.3         | 49.3         | 48.8  | 55.2                 | 672.1             |
| 57,5°        | 45.4                  | 44.7         | 46.5         | 47.9         | 48.4         | 48.5         | 47.8         | 47.7         | 47.4         | 46.4         | 47.2  | 53.2                 | 725.3             |
| 60,0°        | 41.2                  | 41.2         | 43.3         | 43.3         | 43.7         | 45.9         | 44.1         | 44.4         | 44.6         | 44.1         | 43.7  | 51.8                 | 777.1             |
| 62,5°        | 37.1                  | 39.0         | 39.1         | 39.8         | 38.6         | 39.5         | 41.5         | 41.8         | 42.1         | 42.8         | 44.1  | 49.6                 | 826.7             |
| 65,0°        | 33.4                  | 34.7         | 37.0         | 36.8         | 35.8         | 36.8         | 38.8         | 37.6         | 40.4         | 42.1         | 41.9  | 46.0                 | 872.7             |
| 67,5°        | 29.7                  | 31.0         | 32.3         | 32.5         | 32.0         | 32.6         | 33.8         | 36.5         | 37.1         | 35.6         | 34.6  | 40.0                 | 912.8             |
| 70,0°        | 25.9                  | 28.0         | 28.5         | 28.5         | 28.1         | 28.2         | 29.6         | 31.2         | 31.7         | 30.2         | 29.9  | 33.5                 | 946.3             |
| 72,5°        | 21.7                  | 23.7         | 24.6         | 25.3         | 25.5         | 26.0         | 25.4         | 26.6         | 27.1         | 26.8         | 25.0  | 26.9                 | 973.2             |
| 75,0°        | 17.0                  | 18.4         | 21.4         | 20.6         | 20.1         | 20.9         | 20.3         | 21.1         | 22.0         | 20.0         | 20.2  | 15.6                 | 988.8             |
| 77,5°        | 12.3                  | 14.7         | 16.6         | 16.7         | 16.2         | 16.3         | 15.3         | 12.3         | 9.2          | 7.0          | 6.0   | 7.1                  | 995.9             |
| 80,0°        | 7.5                   | 8.6          | 11.2         | 12.9         | 13.0         | 11.5         | 9.3          | 6.4          | 3.8          | 1.9          | 1.2   | 2.8                  | 998.7             |
| 82,5°        | 3.8                   | 4.4          | 5.7          | 8.4          | 8.1          | 7.0          | 4.2          | 2.7          | 1.4          | 0.5          | 0.4   | 1.1                  | 999.7             |
| 85,0°        | 1.4                   | 1.4          | 1.6          | 1.6          | 1.8          | 1.5          | 0.8          | 0.5          | 0.4          | 0.1          | 0.1   | 0.2                  | 1000.0            |
| 87,5°        | 0.2                   | 0.2          | 0.2          | 0.1          | 0.1          | 0.1          | 0.1          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                  | 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>Streetlight 31 maxi toolless | <b>Bestell-Nr.: 5XH8E41A08SA</b><br><b>EAN: 4069025105004</b> | <b>LP-Nummer</b><br><b>59077_2342</b> |
| <b>Dimmstufen-Tabelle</b>                      |   | <b>Umgebungstemperatur: 25°C</b>      |
| <b>siteco</b>                                  |   |                                       |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 29050           | 208.6                                | 233.1                              | 220.8                           |
| 95             | 237              | 251                     | 27610           | 193.8                                | 216.4                              | 205.1                           |
| 90             | 221              | 249                     | 26190           | 180.1                                | 201.0                              | 190.6                           |
| 85             | 205              | 246                     | 24700           | 166.6                                | 185.7                              | 176.1                           |
| 80             | 190              | 243                     | 23248           | 153.9                                | 171.5                              | 162.7                           |
| 75             | 175              | 240                     | 21737           | 141.6                                | 157.5                              | 149.6                           |
| 70             | 161              | 237                     | 20286           | 130.0                                | 144.6                              | 137.3                           |
| 65             | 148              | 234                     | 18884           | 119.5                                | 132.7                              | 126.1                           |
| 60             | 135              | 231                     | 17449           | 108.9                                | 120.9                              | 114.9                           |
| 55             | 122              | 227                     | 15968           | 98.5                                 | 109.3                              | 103.9                           |
| 50             | 110              | 223                     | 14564           | 88.8                                 | 98.5                               | 93.6                            |
| 45             | 98               | 219                     | 13124           | 79.3                                 | 87.9                               | 83.6                            |
| 40             | 86               | 214                     | 11655           | 69.9                                 | 77.3                               | 73.6                            |
| 35             | 74               | 209                     | 10147           | 60.4                                 | 66.8                               | 63.6                            |
| 30             | 63               | 203                     | 8737            | 52.1                                 | 57.3                               | 54.7                            |
| 25             | 52               | 196                     | 7299            | 43.9                                 | 48.1                               | 46.0                            |
| 20             | 41               | 187                     | 5830            | 35.6                                 | 39.0                               | 37.3                            |
| 15             | 30               | 176                     | 4333            | 27.5                                 | 30.0                               | 28.8                            |
| 12             | 23               | 166                     | 3365            | 22.3                                 | 24.2                               | 23.2                            |

## Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 30070           | 210.9                                | 235.5                              | 223.2                           |
| 95             | 238              | 252                     | 28606           | 196.9                                | 219.7                              | 208.3                           |
| 90             | 222              | 249                     | 27084           | 183.0                                | 204.2                              | 193.6                           |
| 85             | 207              | 247                     | 25605           | 170.3                                | 189.8                              | 180.0                           |
| 80             | 192              | 244                     | 24073           | 157.5                                | 175.5                              | 166.5                           |
| 75             | 178              | 241                     | 22602           | 145.8                                | 162.3                              | 154.0                           |
| 70             | 164              | 238                     | 21086           | 134.2                                | 149.2                              | 141.7                           |
| 65             | 150              | 235                     | 19527           | 122.6                                | 136.3                              | 129.4                           |
| 60             | 137              | 231                     | 18046           | 112.0                                | 124.3                              | 118.2                           |
| 55             | 124              | 228                     | 16518           | 101.4                                | 112.5                              | 107.0                           |
| 50             | 112              | 224                     | 15075           | 91.7                                 | 101.6                              | 96.6                            |
| 45             | 99               | 219                     | 13476           | 81.2                                 | 90.1                               | 85.6                            |
| 40             | 87               | 215                     | 11971           | 71.6                                 | 79.3                               | 75.4                            |
| 35             | 76               | 210                     | 10560           | 62.9                                 | 69.6                               | 66.2                            |
| 30             | 64               | 204                     | 8996            | 53.6                                 | 59.0                               | 56.3                            |
| 25             | 53               | 197                     | 7534            | 45.2                                 | 49.6                               | 47.4                            |
| 20             | 42               | 188                     | 6041            | 37.0                                 | 40.5                               | 38.8                            |
| 15             | 31               | 177                     | 4524            | 28.6                                 | 31.2                               | 29.9                            |
| 11             | 23               | 166                     | 3404            | 22.6                                 | 24.5                               | 23.6                            |

## Lichttechnischer Prüfbefund

|  |   |                                       |
|--|---|---------------------------------------|
| <b>Familie</b><br>Streetlight 31 maxi toolless | <b>Bestell-Nr.: 5XH8E41A08SA</b><br><b>EAN: 4069025105004</b> | <b>LP-Nummer</b><br><b>59077_2342</b> |
| <b>Dimmstufen-Tabelle</b>                      |   | <b>Umgebungstemperatur: 15°C</b>      |
| <b>siteco</b>                                  |   |                                       |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 29600           | 209.7                                | 234.2                              | 222.0                           |
| 95             | 237              | 251                     | 28098           | 194.9                                | 217.6                              | 206.2                           |
| 90             | 221              | 249                     | 26624           | 181.1                                | 202.1                              | 191.6                           |
| 85             | 206              | 246                     | 25181           | 168.3                                | 187.8                              | 178.0                           |
| 80             | 191              | 244                     | 23686           | 155.7                                | 173.5                              | 164.6                           |
| 75             | 177              | 241                     | 22246           | 144.1                                | 160.4                              | 152.2                           |
| 70             | 163              | 238                     | 20760           | 132.5                                | 147.4                              | 140.0                           |
| 65             | 149              | 234                     | 19225           | 121.0                                | 134.5                              | 127.8                           |
| 60             | 136              | 231                     | 17765           | 110.4                                | 122.6                              | 116.5                           |
| 55             | 123              | 227                     | 16259           | 99.9                                 | 110.9                              | 105.4                           |
| 50             | 111              | 224                     | 14833           | 90.2                                 | 100.1                              | 95.2                            |
| 45             | 99               | 219                     | 13375           | 80.6                                 | 89.4                               | 85.0                            |
| 40             | 87               | 215                     | 11888           | 71.1                                 | 78.7                               | 74.9                            |
| 35             | 75               | 209                     | 10363           | 61.7                                 | 68.2                               | 65.0                            |
| 30             | 64               | 204                     | 8941            | 53.2                                 | 58.6                               | 55.9                            |
| 25             | 52               | 196                     | 7356            | 44.2                                 | 48.5                               | 46.4                            |
| 20             | 41               | 187                     | 5872            | 35.9                                 | 39.3                               | 37.6                            |
| 15             | 31               | 177                     | 4502            | 28.4                                 | 31.0                               | 29.7                            |
| 11             | 23               | 166                     | 3388            | 22.4                                 | 24.3                               | 23.4                            |

office

industry

traffic

retail

public

sports

## Lichttechnischer Prüfbefund

Familie

Streetlight 31 maxi toolless

Bestell-Nr.: 5XH8E41A08SA

EAN: 4069025105004

LP-Nummer

59077\_2342

### Lichtstrom-Tabelle

SITECO

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 25.0             | 29050.0          | 208.6               |
| 5.0              | 30070.0          | 210.9               |
| 15.0             | 29600.0          | 209.7               |