

## Lichttechnischer Prüfbefund

**Familie**  
Streetlight 31 maxi toolless

**Bestell-Nr.:** 5XH813AT08SA  
**EAN:** 4069025514189

**LP-Nummer**  
59800\_3950



**Ausführung** Mastansatz- / Mastaufsatzmontage, Smart Interface oben/unten  
**Optik** asymmetrisch strahlend (PL32)  
**Abdeckung** Einscheibensicherheitsglas (ESG)  
**Bestückung** LED 3000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO - Smart Interface  
**Bemessungswerte** Nettolichtstrom = 28720 lm  
Systemleistung = 211.4 W  
Lichtausbeute = 135.9 lm/W

**Seriendokumentation**  
26.08.2025

siteco

**Lichtstärke in cd/klm**

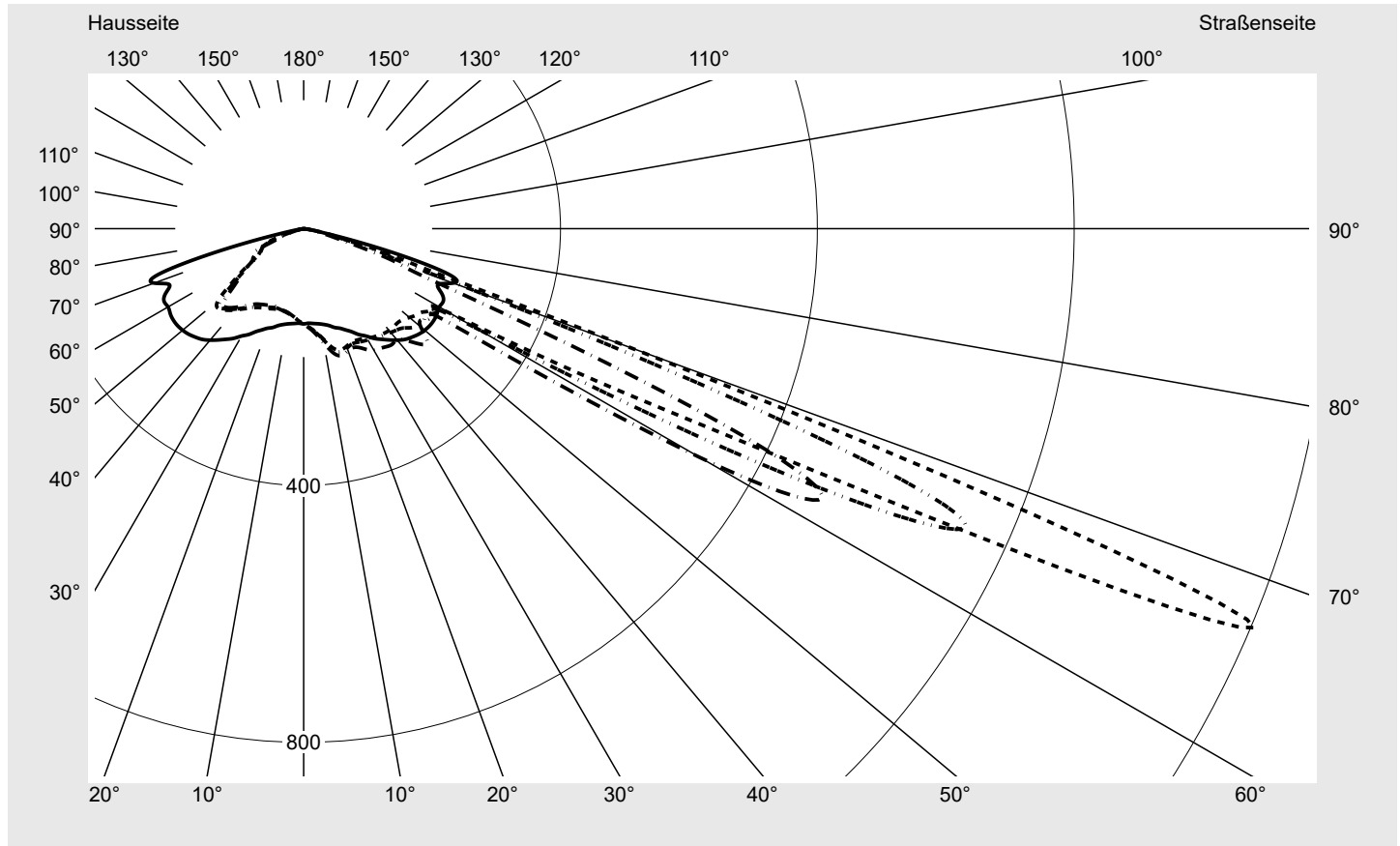
C180-0

C245-65

C250-70

C270-90

**Imax: 1590 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

Klasse: G3  
Imax 70° 732.5  
Imax 80° 42.5  
Imax 90° 0.0  
Imax >90° 0.0  
Imax >95° 0.0

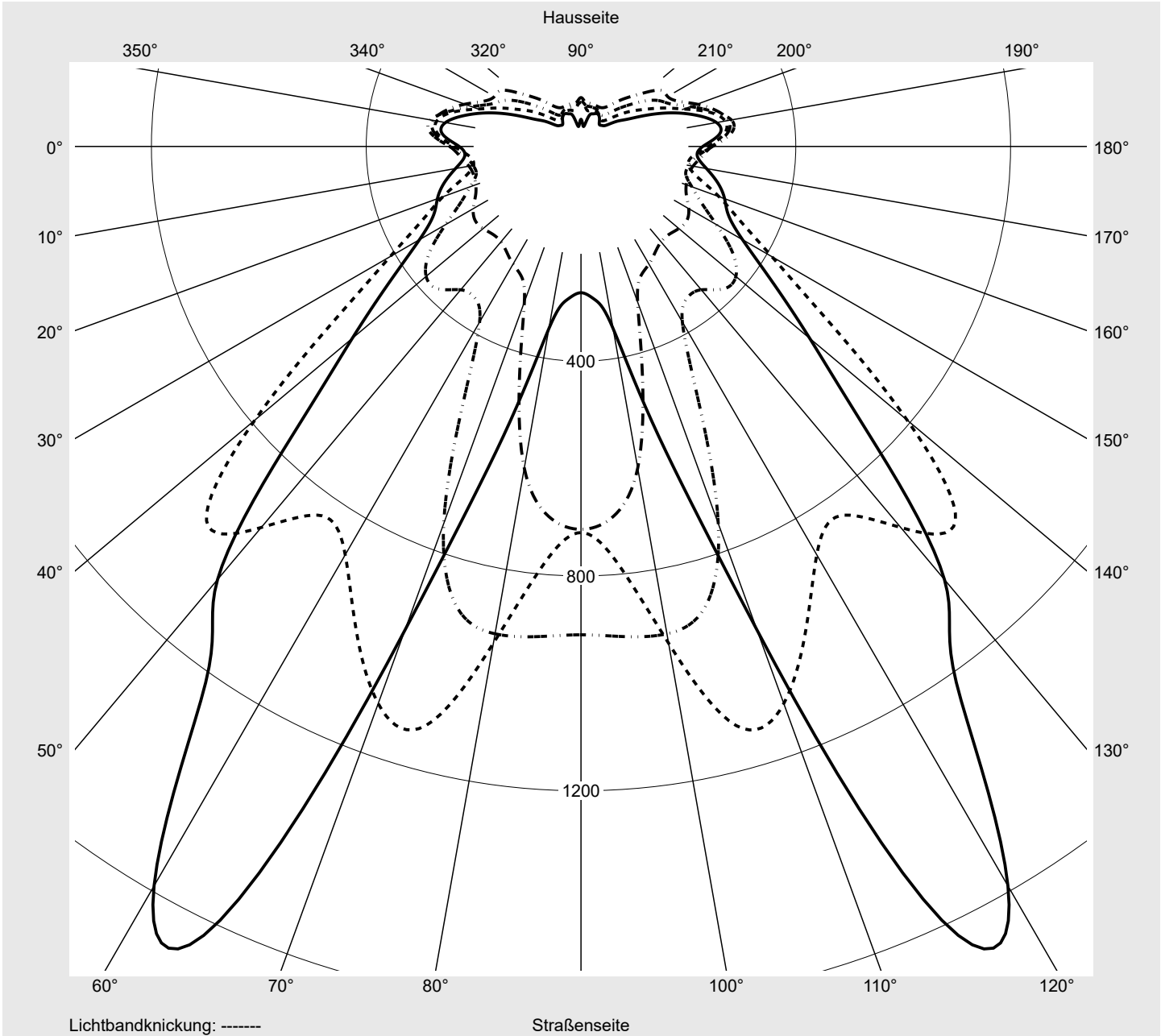
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

|  |   |                                |
|--|---|--------------------------------|
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|--|---|--------------------------------|

**Kegelmantelkurven in cd/klm**    **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**    **KMK 60°**    **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°         | 148.3                 | 148.3      | 148.3       | 148.3       | 148.3       | 148.3       | 148.3       | 148.3       | 148.3       | 148.3       | 148.3       | 148.3       | 148.3       |
| 2,5°         | 147.5                 | 147.7      | 148.2       | 148.8       | 149.3       | 149.7       | 150.1       | 150.5       | 151.0       | 151.2       | 151.6       | 152.0       | 152.3       |
| 5,0°         | 148.1                 | 148.8      | 149.6       | 150.5       | 151.5       | 152.4       | 153.2       | 153.9       | 154.7       | 155.3       | 155.9       | 156.5       | 157.1       |
| 7,5°         | 149.3                 | 150.3      | 151.6       | 152.8       | 154.2       | 155.5       | 156.6       | 157.8       | 159.2       | 160.4       | 161.7       | 162.9       | 164.0       |
| 10,0°        | 150.8                 | 152.3      | 153.6       | 155.1       | 156.9       | 158.6       | 160.3       | 162.3       | 164.5       | 166.7       | 168.7       | 170.7       | 172.7       |
| 12,5°        | 153.2                 | 154.9      | 156.6       | 158.7       | 161.0       | 163.3       | 165.3       | 167.1       | 169.4       | 172.2       | 175.8       | 179.6       | 183.1       |
| 15,0°        | 156.6                 | 158.5      | 160.8       | 163.5       | 166.3       | 169.0       | 171.4       | 173.6       | 175.7       | 177.6       | 180.4       | 185.5       | 191.1       |
| 17,5°        | 161.5                 | 163.7      | 165.7       | 168.4       | 171.4       | 174.3       | 177.0       | 179.5       | 181.8       | 183.8       | 185.5       | 187.5       | 192.4       |
| 20,0°        | 165.1                 | 168.5      | 171.0       | 174.1       | 176.3       | 178.8       | 181.5       | 183.8       | 186.0       | 187.6       | 188.7       | 189.3       | 190.8       |
| 22,5°        | 170.7                 | 173.7      | 176.7       | 179.6       | 182.3       | 183.8       | 185.7       | 187.4       | 188.8       | 189.6       | 190.1       | 190.2       | 190.2       |
| 25,0°        | 177.2                 | 180.3      | 182.5       | 185.8       | 188.3       | 189.3       | 190.1       | 191.0       | 191.1       | 191.4       | 191.6       | 192.0       | 191.8       |
| 27,5°        | 185.9                 | 187.9      | 189.7       | 191.7       | 194.6       | 195.2       | 194.7       | 194.3       | 194.0       | 193.7       | 193.9       | 193.9       | 193.7       |
| 30,0°        | 193.0                 | 195.9      | 197.3       | 198.4       | 199.8       | 200.4       | 199.0       | 197.8       | 197.0       | 196.3       | 196.3       | 195.7       | 195.6       |
| 32,5°        | 202.5                 | 203.8      | 204.8       | 205.0       | 204.9       | 205.6       | 203.7       | 201.6       | 199.4       | 198.4       | 198.6       | 198.6       | 199.0       |
| 35,0°        | 210.3                 | 211.7      | 211.9       | 210.9       | 210.1       | 210.0       | 208.0       | 204.8       | 201.9       | 200.3       | 200.6       | 200.9       | 201.8       |
| 37,5°        | 218.4                 | 218.5      | 218.4       | 216.2       | 214.8       | 213.6       | 210.9       | 207.5       | 204.3       | 202.5       | 202.1       | 202.7       | 204.0       |
| 40,0°        | 226.6                 | 225.1      | 223.4       | 220.3       | 218.2       | 215.7       | 213.8       | 210.8       | 207.0       | 204.7       | 204.0       | 204.1       | 205.2       |
| 42,5°        | 233.9                 | 229.3      | 226.2       | 222.7       | 220.0       | 216.1       | 214.2       | 213.0       | 209.1       | 206.7       | 205.1       | 204.2       | 205.2       |
| 45,0°        | 238.8                 | 233.5      | 229.0       | 224.6       | 221.7       | 216.2       | 212.8       | 211.8       | 211.0       | 208.6       | 204.5       | 203.3       | 204.4       |
| 47,5°        | 243.2                 | 236.1      | 230.3       | 225.1       | 221.5       | 216.3       | 212.1       | 210.9       | 212.5       | 209.4       | 204.2       | 202.8       | 204.8       |
| 50,0°        | 246.0                 | 237.2      | 229.9       | 225.1       | 220.2       | 215.7       | 212.4       | 211.6       | 213.0       | 212.0       | 205.2       | 203.7       | 207.3       |
| 52,5°        | 247.8                 | 236.6      | 228.3       | 223.7       | 218.6       | 215.2       | 213.5       | 211.8       | 210.7       | 212.9       | 207.8       | 206.9       | 211.4       |
| 55,0°        | 247.9                 | 234.2      | 225.4       | 219.4       | 216.5       | 215.7       | 216.1       | 213.7       | 212.2       | 214.1       | 211.4       | 211.0       | 218.0       |
| 57,5°        | 246.4                 | 228.9      | 221.1       | 214.7       | 212.3       | 214.4       | 219.6       | 220.1       | 220.0       | 219.1       | 218.0       | 220.4       | 228.4       |
| 60,0°        | 243.9                 | 225.0      | 211.8       | 206.9       | 208.6       | 216.7       | 231.6       | 240.5       | 237.9       | 231.7       | 231.9       | 240.8       | 253.2       |
| 62,5°        | 245.1                 | 216.4      | 204.0       | 202.1       | 219.7       | 247.1       | 291.2       | 344.6       | 376.5       | 375.3       | 348.5       | 344.6       | 377.6       |
| 65,0°        | 236.7                 | 208.7      | 203.4       | 226.2       | 273.6       | 326.7       | 410.6       | 554.3       | 792.9       | 986.2       | 926.4       | 839.9       | 878.2       |
| 67,5°        | 226.9                 | 217.7      | 237.4       | 264.1       | 284.6       | 303.0       | 347.4       | 430.5       | 556.2       | 758.6       | 1053.1      | 1218.6      | 1590.2      |
| 70,0°        | 247.8                 | 237.5      | 209.5       | 169.9       | 135.0       | 120.2       | 130.6       | 174.7       | 263.5       | 365.7       | 478.5       | 659.1       | 732.5       |
| 72,5°        | 237.4                 | 161.0      | 89.1        | 48.3        | 32.5        | 27.6        | 30.4        | 46.4        | 88.7        | 160.3       | 213.7       | 229.6       | 201.1       |
| 75,0°        | 143.2                 | 55.4       | 21.7        | 14.2        | 13.6        | 13.8        | 14.9        | 18.8        | 28.2        | 61.4        | 101.5       | 106.9       | 95.1        |
| 77,5°        | 47.8                  | 12.0       | 8.4         | 8.7         | 8.8         | 9.4         | 9.5         | 11.9        | 15.3        | 23.0        | 44.7        | 49.6        | 46.2        |
| 80,0°        | 13.7                  | 5.3        | 5.2         | 5.5         | 5.6         | 5.7         | 6.0         | 6.7         | 8.9         | 11.1        | 18.7        | 22.1        | 20.1        |
| 82,5°        | 3.8                   | 2.8        | 2.8         | 2.9         | 3.1         | 3.2         | 3.2         | 3.4         | 4.4         | 5.6         | 6.8         | 8.0         | 8.3         |
| 85,0°        | 1.2                   | 1.2        | 1.2         | 1.2         | 1.3         | 1.3         | 1.3         | 1.4         | 1.5         | 1.8         | 1.8         | 2.0         | 2.1         |
| 87,5°        | 0.6                   | 0.6        | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         |
| 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°         | 148.3                 | 148.3       | 148.3       | 148.3       | 148.3      | 148.3 | 148.3        | 148.3        | 148.3        | 148.3        | 148.3        | 148.3        | 148.3        |
| 2,5°         | 152.7                 | 153.0       | 153.2       | 153.2       | 153.4      | 153.5 | 147.3        | 146.7        | 146.6        | 146.4        | 146.0        | 145.8        | 145.7        |
| 5,0°         | 157.7                 | 158.3       | 158.9       | 159.4       | 159.7      | 159.8 | 147.5        | 146.6        | 145.9        | 145.4        | 144.6        | 143.9        | 143.4        |
| 7,5°         | 164.8                 | 165.6       | 166.6       | 167.6       | 168.5      | 168.9 | 148.1        | 146.7        | 145.7        | 144.6        | 143.5        | 142.5        | 141.5        |
| 10,0°        | 174.1                 | 175.2       | 176.1       | 177.8       | 179.7      | 180.5 | 149.0        | 147.3        | 145.9        | 144.4        | 143.0        | 141.7        | 140.4        |
| 12,5°        | 186.1                 | 188.0       | 188.5       | 190.1       | 192.9      | 194.3 | 150.8        | 148.8        | 147.0        | 145.2        | 143.5        | 141.9        | 140.2        |
| 15,0°        | 194.9                 | 198.0       | 198.7       | 199.3       | 202.4      | 204.2 | 154.3        | 152.0        | 150.0        | 147.7        | 145.6        | 143.7        | 141.8        |
| 17,5°        | 197.2                 | 200.0       | 201.4       | 200.6       | 203.1      | 205.6 | 158.6        | 155.9        | 153.1        | 150.5        | 148.2        | 146.3        | 144.5        |
| 20,0°        | 195.1                 | 197.8       | 199.4       | 199.1       | 199.8      | 202.0 | 161.7        | 159.2        | 156.4        | 153.9        | 151.3        | 148.9        | 146.6        |
| 22,5°        | 192.1                 | 194.9       | 196.8       | 197.2       | 198.2      | 200.5 | 166.8        | 164.9        | 162.7        | 159.7        | 156.7        | 153.4        | 150.1        |
| 25,0°        | 192.1                 | 195.5       | 198.7       | 199.8       | 200.6      | 204.2 | 174.1        | 171.6        | 170.1        | 166.6        | 162.7        | 158.2        | 153.9        |
| 27,5°        | 193.7                 | 197.8       | 203.2       | 205.9       | 206.1      | 212.2 | 182.4        | 180.0        | 177.2        | 174.5        | 169.6        | 164.3        | 158.6        |
| 30,0°        | 196.7                 | 200.2       | 207.1       | 210.2       | 209.8      | 218.5 | 190.8        | 188.8        | 185.8        | 181.5        | 177.2        | 170.1        | 163.2        |
| 32,5°        | 200.4                 | 202.9       | 207.4       | 209.5       | 209.7      | 221.2 | 199.9        | 198.2        | 195.3        | 190.2        | 183.6        | 177.8        | 169.1        |
| 35,0°        | 202.9                 | 205.8       | 207.0       | 209.1       | 210.0      | 224.4 | 209.9        | 208.8        | 206.0        | 200.2        | 191.7        | 183.5        | 177.5        |
| 37,5°        | 205.5                 | 207.9       | 208.8       | 209.9       | 211.5      | 226.8 | 219.1        | 219.1        | 216.5        | 210.2        | 201.5        | 192.0        | 184.1        |
| 40,0°        | 207.0                 | 211.0       | 212.6       | 213.1       | 218.3      | 225.8 | 228.5        | 229.5        | 227.3        | 220.6        | 211.3        | 201.3        | 193.2        |
| 42,5°        | 207.4                 | 214.2       | 217.3       | 222.1       | 232.8      | 235.9 | 237.6        | 239.8        | 238.5        | 230.8        | 220.7        | 210.2        | 201.3        |
| 45,0°        | 207.1                 | 218.9       | 229.5       | 232.8       | 249.5      | 253.7 | 244.8        | 249.2        | 248.9        | 240.5        | 228.6        | 216.9        | 207.7        |
| 47,5°        | 209.7                 | 228.2       | 240.7       | 241.1       | 256.8      | 261.3 | 251.4        | 257.6        | 256.9        | 247.5        | 234.2        | 221.7        | 212.8        |
| 50,0°        | 215.2                 | 234.1       | 242.8       | 237.7       | 238.9      | 238.1 | 257.2        | 265.4        | 263.4        | 251.7        | 236.4        | 223.8        | 214.8        |
| 52,5°        | 220.9                 | 235.8       | 236.6       | 229.8       | 233.4      | 232.8 | 261.7        | 271.8        | 267.6        | 251.8        | 235.1        | 223.1        | 213.7        |
| 55,0°        | 226.4                 | 234.2       | 231.6       | 229.7       | 237.8      | 239.0 | 266.0        | 276.0        | 268.4        | 248.8        | 227.1        | 214.3        | 207.5        |
| 57,5°        | 233.5                 | 241.3       | 246.5       | 256.4       | 286.3      | 304.6 | 270.1        | 278.4        | 265.8        | 240.1        | 211.7        | 198.4        | 196.3        |
| 60,0°        | 265.0                 | 308.4       | 442.0       | 608.3       | 691.7      | 713.1 | 273.1        | 279.1        | 259.9        | 230.0        | 199.5        | 186.2        | 181.8        |
| 62,5°        | 512.4                 | 747.5       | 889.7       | 921.7       | 916.4      | 909.5 | 280.5        | 284.4        | 253.3        | 217.1        | 186.3        | 169.9        | 148.4        |
| 65,0°        | 991.5                 | 1104.2      | 1116.7      | 939.4       | 778.8      | 719.2 | 267.7        | 272.8        | 247.1        | 203.7        | 169.4        | 138.4        | 114.7        |
| 67,5°        | 1590.2                | 958.6       | 558.5       | 344.6       | 285.8      | 272.4 | 258.6        | 256.3        | 223.6        | 182.9        | 139.3        | 102.3        | 81.7         |
| 70,0°        | 537.1                 | 294.1       | 225.4       | 185.0       | 161.2      | 154.1 | 255.2        | 236.8        | 199.7        | 151.2        | 100.0        | 71.6         | 52.6         |
| 72,5°        | 165.8                 | 135.8       | 113.3       | 93.1        | 80.6       | 77.3  | 268.9        | 225.8        | 168.3        | 106.4        | 67.9         | 42.9         | 32.0         |
| 75,0°        | 81.3                  | 69.7        | 58.1        | 47.9        | 41.3       | 39.0  | 209.6        | 194.3        | 131.3        | 68.9         | 39.4         | 24.4         | 21.9         |
| 77,5°        | 41.1                  | 35.1        | 29.8        | 23.1        | 20.4       | 19.4  | 113.2        | 119.8        | 81.1         | 38.2         | 18.0         | 12.0         | 10.3         |
| 80,0°        | 19.4                  | 18.5        | 14.4        | 12.2        | 10.1       | 9.5   | 35.9         | 42.5         | 34.6         | 17.3         | 8.0          | 5.5          | 5.5          |
| 82,5°        | 9.4                   | 8.3         | 6.4         | 5.4         | 4.6        | 4.3   | 5.9          | 6.3          | 6.7          | 4.6          | 3.1          | 2.9          | 2.8          |
| 85,0°        | 2.8                   | 2.5         | 2.1         | 1.7         | 1.6        | 1.6   | 1.2          | 1.2          | 1.3          | 1.3          | 1.2          | 1.2          | 1.3          |
| 87,5°        | 0.6                   | 0.6         | 0.6         | 0.6         | 0.6        | 0.6   | 0.6          | 0.7          | 0.8          | 0.8          | 0.8          | 0.8          | 0.8          |
| 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°         | 148.3                 | 148.3        | 148.3        | 148.3        | 148.3        | 148.3        | 148.3        | 148.3        | 148.3        | 148.3        | 148.3 | 0.2                  | 0.2               |
| 2,5°         | 145.4                 | 145.3        | 145.0        | 144.9        | 144.8        | 144.7        | 144.6        | 144.6        | 144.7        | 144.9        | 144.9 | 1.8                  | 2.0               |
| 5,0°         | 142.7                 | 142.2        | 141.7        | 141.3        | 140.9        | 140.6        | 140.4        | 140.3        | 140.3        | 140.3        | 140.3 | 3.6                  | 5.6               |
| 7,5°         | 140.6                 | 139.6        | 138.8        | 138.1        | 137.6        | 137.0        | 136.8        | 136.6        | 136.6        | 136.5        | 136.5 | 5.4                  | 10.9              |
| 10,0°        | 139.1                 | 138.0        | 136.9        | 136.1        | 135.2        | 134.5        | 133.9        | 133.6        | 133.7        | 133.7        | 133.6 | 7.3                  | 18.2              |
| 12,5°        | 138.7                 | 137.3        | 136.1        | 134.9        | 133.7        | 132.7        | 131.9        | 131.5        | 131.4        | 131.8        | 131.8 | 9.3                  | 27.5              |
| 15,0°        | 140.0                 | 138.1        | 136.2        | 134.7        | 133.4        | 132.2        | 131.4        | 131.0        | 130.7        | 130.7        | 130.7 | 11.4                 | 38.8              |
| 17,5°        | 142.5                 | 140.2        | 138.4        | 136.2        | 134.2        | 132.2        | 130.6        | 129.3        | 128.7        | 128.6        | 128.8 | 13.4                 | 52.3              |
| 20,0°        | 144.2                 | 141.9        | 140.0        | 137.4        | 135.3        | 133.0        | 131.0        | 129.5        | 128.6        | 128.3        | 128.7 | 15.4                 | 67.7              |
| 22,5°        | 147.1                 | 144.0        | 141.1        | 138.8        | 137.2        | 134.9        | 132.7        | 130.9        | 129.7        | 129.2        | 129.8 | 17.5                 | 85.2              |
| 25,0°        | 150.2                 | 146.7        | 143.4        | 140.7        | 138.4        | 136.9        | 134.9        | 132.9        | 131.3        | 130.7        | 131.5 | 19.8                 | 105.0             |
| 27,5°        | 153.7                 | 149.7        | 146.2        | 143.2        | 140.7        | 139.1        | 137.1        | 135.3        | 133.7        | 132.7        | 133.4 | 22.2                 | 127.1             |
| 30,0°        | 157.3                 | 153.1        | 149.3        | 146.2        | 143.5        | 141.8        | 140.3        | 138.2        | 136.7        | 135.6        | 136.0 | 24.6                 | 151.7             |
| 32,5°        | 162.1                 | 157.6        | 154.1        | 150.9        | 147.7        | 146.0        | 144.9        | 142.3        | 140.4        | 139.2        | 139.3 | 27.1                 | 178.9             |
| 35,0°        | 169.0                 | 164.0        | 160.6        | 157.1        | 153.9        | 151.5        | 149.5        | 147.5        | 145.4        | 144.5        | 145.2 | 29.8                 | 208.7             |
| 37,5°        | 178.8                 | 171.9        | 168.3        | 164.4        | 160.7        | 157.8        | 155.9        | 154.3        | 152.1        | 150.8        | 152.0 | 32.6                 | 241.2             |
| 40,0°        | 185.7                 | 181.5        | 176.5        | 172.6        | 168.7        | 165.3        | 163.3        | 161.4        | 159.8        | 158.8        | 159.4 | 35.4                 | 276.7             |
| 42,5°        | 193.6                 | 188.5        | 185.1        | 180.2        | 176.1        | 172.4        | 170.4        | 169.0        | 167.7        | 167.1        | 167.0 | 38.3                 | 315.0             |
| 45,0°        | 200.4                 | 194.5        | 191.9        | 186.5        | 182.4        | 178.5        | 176.3        | 175.0        | 173.8        | 173.2        | 172.7 | 41.1                 | 356.1             |
| 47,5°        | 205.3                 | 199.5        | 194.5        | 190.9        | 185.5        | 182.2        | 179.7        | 176.1        | 172.4        | 170.3        | 168.9 | 43.6                 | 399.7             |
| 50,0°        | 208.4                 | 201.3        | 194.6        | 191.6        | 184.2        | 173.6        | 162.9        | 154.0        | 148.2        | 146.2        | 145.4 | 44.8                 | 444.5             |
| 52,5°        | 206.4                 | 199.4        | 191.9        | 178.7        | 162.3        | 145.0        | 134.4        | 128.6        | 126.0        | 125.2        | 126.9 | 45.3                 | 489.8             |
| 55,0°        | 200.5                 | 191.0        | 170.8        | 149.3        | 134.4        | 119.4        | 111.2        | 108.0        | 106.6        | 106.9        | 113.6 | 45.5                 | 535.3             |
| 57,5°        | 187.9                 | 163.3        | 140.7        | 121.7        | 106.4        | 96.3         | 91.1         | 91.9         | 92.2         | 90.7         | 95.9  | 46.2                 | 581.5             |
| 60,0°        | 156.2                 | 131.6        | 111.6        | 93.4         | 83.4         | 80.7         | 81.0         | 81.4         | 81.8         | 83.6         | 91.0  | 54.7                 | 636.2             |
| 62,5°        | 122.4                 | 100.3        | 81.4         | 71.0         | 71.2         | 74.7         | 75.5         | 76.2         | 75.9         | 78.9         | 84.8  | 71.9                 | 708.1             |
| 65,0°        | 91.4                  | 71.9         | 62.2         | 62.1         | 67.3         | 71.5         | 71.2         | 69.9         | 68.0         | 76.5         | 82.1  | 98.8                 | 806.9             |
| 67,5°        | 61.6                  | 55.3         | 53.3         | 60.0         | 66.6         | 67.6         | 64.6         | 59.9         | 41.5         | 39.8         | 50.4  | 92.9                 | 899.8             |
| 70,0°        | 41.4                  | 43.0         | 52.6         | 58.9         | 58.4         | 53.9         | 42.9         | 19.0         | 17.9         | 28.3         | 40.2  | 49.4                 | 949.3             |
| 72,5°        | 31.6                  | 38.8         | 44.5         | 44.5         | 38.5         | 31.6         | 16.1         | 14.2         | 13.4         | 20.8         | 26.1  | 24.8                 | 974.0             |
| 75,0°        | 25.4                  | 29.3         | 31.2         | 27.4         | 22.3         | 15.1         | 12.2         | 10.5         | 9.6          | 12.1         | 13.2  | 14.0                 | 988.0             |
| 77,5°        | 11.8                  | 16.6         | 15.7         | 12.8         | 11.4         | 9.8          | 8.8          | 7.0          | 5.7          | 5.6          | 6.5   | 7.1                  | 995.1             |
| 80,0°        | 5.8                   | 6.3          | 6.9          | 6.8          | 6.3          | 5.8          | 5.2          | 4.0          | 2.9          | 1.7          | 1.4   | 3.1                  | 998.2             |
| 82,5°        | 3.0                   | 3.3          | 3.5          | 3.5          | 3.8          | 3.3          | 2.9          | 2.2          | 1.7          | 1.3          | 1.1   | 1.2                  | 999.4             |
| 85,0°        | 1.3                   | 1.4          | 1.5          | 1.5          | 1.5          | 1.5          | 1.4          | 1.3          | 1.1          | 1.0          | 1.0   | 0.4                  | 999.8             |
| 87,5°        | 0.8                   | 0.8          | 0.9          | 0.9          | 0.9          | 0.9          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0   | 0.2                  | 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.: 5XH813AT08SA</b><br><b>EAN: 4069025514189</b> | <b>LP-Nummer</b><br><b>59800_3950</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                     | 28720           | 211.4                                | 238.0                              | 224.7                           |
| 95             | 237              | 251                     | 27316           | 196.0                                | 220.9                              | 208.4                           |
| 90             | 220              | 249                     | 25832           | 180.9                                | 203.8                              | 192.4                           |
| 85             | 204              | 246                     | 24368           | 166.8                                | 187.8                              | 177.3                           |
| 80             | 189              | 243                     | 22934           | 153.8                                | 173.0                              | 163.4                           |
| 75             | 175              | 240                     | 21549           | 141.8                                | 159.3                              | 150.6                           |
| 70             | 161              | 237                     | 20115           | 130.1                                | 146.0                              | 138.0                           |
| 65             | 147              | 234                     | 18628           | 118.5                                | 132.8                              | 125.6                           |
| 60             | 134              | 231                     | 17209           | 108.0                                | 120.6                              | 114.3                           |
| 55             | 121              | 227                     | 15743           | 97.6                                 | 108.9                              | 103.2                           |
| 50             | 109              | 223                     | 14351           | 88.1                                 | 98.1                               | 93.1                            |
| 45             | 97               | 219                     | 12925           | 78.7                                 | 87.6                               | 83.2                            |
| 40             | 85               | 214                     | 11467           | 69.5                                 | 77.1                               | 73.3                            |
| 35             | 74               | 209                     | 10095           | 61.2                                 | 67.8                               | 64.5                            |
| 30             | 62               | 202                     | 8566            | 52.1                                 | 57.6                               | 54.8                            |
| 25             | 51               | 195                     | 7136            | 43.8                                 | 48.3                               | 46.0                            |
| 20             | 41               | 187                     | 5807            | 36.1                                 | 39.8                               | 38.0                            |
| 15             | 30               | 176                     | 4318            | 27.6                                 | 30.3                               | 29.0                            |
| 12             | 23               | 166                     | 3354            | 21.9                                 | 24.1                               | 23.0                            |

## Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 29790           | 213.6                                | 240.4                              | 227.0                           |
| 95             | 237              | 251                     | 28261           | 198.2                                | 223.1                              | 210.6                           |
| 90             | 222              | 249                     | 26851           | 184.7                                | 208.0                              | 196.4                           |
| 85             | 206              | 246                     | 25297           | 170.6                                | 191.9                              | 181.2                           |
| 80             | 192              | 244                     | 23881           | 158.3                                | 178.0                              | 168.2                           |
| 75             | 177              | 241                     | 22324           | 145.3                                | 163.2                              | 154.2                           |
| 70             | 163              | 238                     | 20825           | 133.4                                | 149.6                              | 141.5                           |
| 65             | 150              | 235                     | 19393           | 122.5                                | 137.1                              | 129.8                           |
| 60             | 137              | 231                     | 17926           | 111.8                                | 125.0                              | 118.4                           |
| 55             | 124              | 228                     | 16414           | 101.2                                | 113.0                              | 107.1                           |
| 50             | 111              | 224                     | 14865           | 90.9                                 | 101.2                              | 96.1                            |
| 45             | 99               | 219                     | 13401           | 81.4                                 | 90.5                               | 86.0                            |
| 40             | 87               | 215                     | 11909           | 72.1                                 | 79.9                               | 76.0                            |
| 35             | 75               | 209                     | 10380           | 62.8                                 | 69.6                               | 66.2                            |
| 30             | 64               | 204                     | 8957            | 54.4                                 | 60.1                               | 57.2                            |
| 25             | 53               | 197                     | 7504            | 45.9                                 | 50.7                               | 48.3                            |
| 20             | 42               | 188                     | 6017            | 37.5                                 | 41.2                               | 39.4                            |
| 15             | 31               | 177                     | 4508            | 28.8                                 | 31.7                               | 30.2                            |
| 11             | 23               | 166                     | 3393            | 22.3                                 | 24.5                               | 23.4                            |

## Lichttechnischer Prüfbefund

|  |   |                                       |
|--|---|---------------------------------------|
| <b>Familie</b><br>Streetlight 31 maxi toolless | <b>Bestell-Nr.: 5XH813AT08SA</b><br><b>EAN: 4069025514189</b> | <b>LP-Nummer</b><br><b>59800_3950</b> |
| <b>Dimmstufen-Tabelle</b>                      |   | <b>sITeco</b>                         |
| Umgebungstemperatur: 15°C                      |   |                                       |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 29290           | 212.5                                | 239.1                              | 225.8                           |
| 95             | 237              | 251                     | 27821           | 197.1                                | 222.0                              | 209.6                           |
| 90             | 221              | 249                     | 26367           | 182.8                                | 205.9                              | 194.4                           |
| 85             | 205              | 246                     | 24856           | 168.7                                | 189.9                              | 179.3                           |
| 80             | 191              | 244                     | 23478           | 156.5                                | 176.0                              | 166.2                           |
| 75             | 176              | 241                     | 21956           | 143.5                                | 161.2                              | 152.4                           |
| 70             | 162              | 238                     | 20487           | 131.7                                | 147.8                              | 139.8                           |
| 65             | 149              | 234                     | 19080           | 120.9                                | 135.4                              | 128.2                           |
| 60             | 135              | 231                     | 17526           | 109.5                                | 122.3                              | 115.9                           |
| 55             | 123              | 227                     | 16149           | 99.7                                 | 111.4                              | 105.6                           |
| 50             | 110              | 223                     | 14619           | 89.5                                 | 99.6                               | 94.6                            |
| 45             | 98               | 219                     | 13173           | 80.1                                 | 89.0                               | 84.6                            |
| 40             | 86               | 214                     | 11696           | 70.8                                 | 78.6                               | 74.7                            |
| 35             | 75               | 209                     | 10309           | 62.3                                 | 69.1                               | 65.7                            |
| 30             | 63               | 203                     | 8767            | 53.2                                 | 58.9                               | 56.0                            |
| 25             | 52               | 196                     | 7325            | 44.9                                 | 49.4                               | 47.2                            |
| 20             | 41               | 187                     | 5848            | 36.4                                 | 40.1                               | 38.2                            |
| 15             | 30               | 176                     | 4348            | 27.8                                 | 30.5                               | 29.2                            |
| 12             | 23               | 166                     | 3376            | 22.1                                 | 24.3                               | 23.2                            |

### Lichttechnischer Prüfbefund

|  |   |                                       |
|--|---|---------------------------------------|
| <b>Familie</b><br>Streetlight 31 maxi toolless | <b>Bestell-Nr.: 5XH813AT08SA</b><br><b>EAN: 4069025514189</b> | <b>LP-Nummer</b><br><b>59800_3950</b> |
|--|---|---------------------------------------|

|                           |               |
|---------------------------|---------------|
| <b>Lichtstrom-Tabelle</b> | <b>siteco</b> |
|---------------------------|---------------|

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 25.0             | 28720.0          | 211.4               |
| 5.0              | 29790.0          | 213.6               |
| 15.0             | 29290.0          | 212.5               |