

Lichttechnischer Prüfbefund

**Familie**  
**Streetlight 31 micro toolless**

**Bestell-Nr.: 5XH513AA08DA**  
**EAN: 4069025512260**

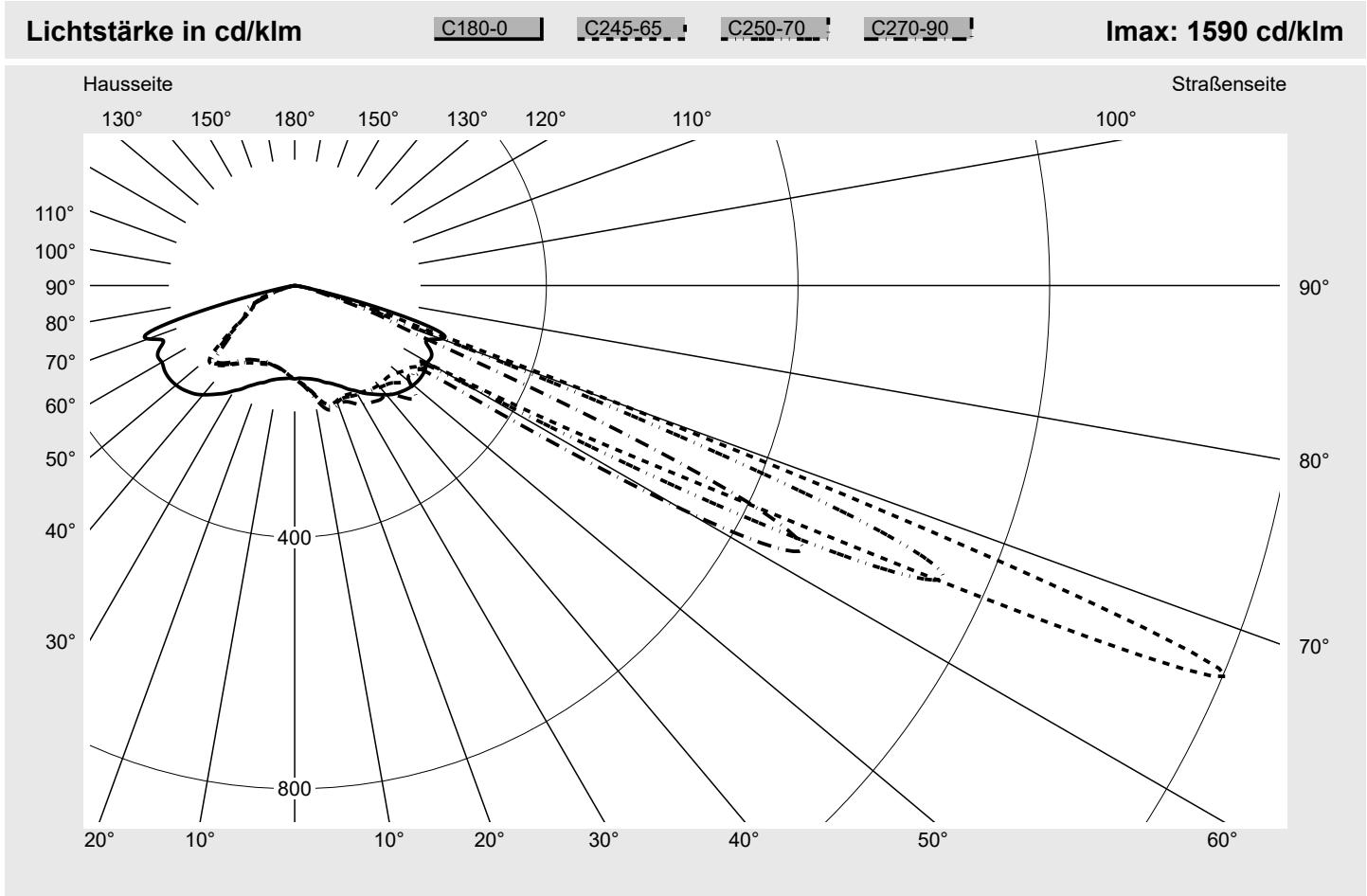
**LP-Nummer**  
**59800\_3407**



**Ausführung** Mastansatz- / Mastaufsatzmontage  
**Optik** asymmetrisch strahlend (PL32)  
**Abdeckung** Einscheibensicherheitsglas (ESG)  
**Bestückung** LED 3000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO  
**Bemessungswerte** Nettolichtstrom = 4770 lm  
Systemleistung = 35.5 W  
Lichtausbeute = 134.4 lm/W

**Seriodokumentation**  
**25.08.2025**





| Leuchtenbetriebswirkungsgrade |        | Lichtstärkeklasse nach EN13201-2 |       |
|-------------------------------|--------|----------------------------------|-------|
| Eta                           | 100.0% | Klasse:                          | G3    |
| Eta 0° - 90°                  | 100.0% | Imax 70°                         | 732.5 |
| Eta 90° - 180°                | 0.0%   | Imax 80°                         | 42.5  |
|                               |        | Imax 90°                         | 0.0   |
|                               |        | Imax >90°                        | 0.0   |
|                               |        | Imax >95°                        | 0.0   |
| Messbedingungen               |        |                                  |       |
| DIN EN 13032 und DIN 5032     |        |                                  |       |

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Kegelmantelkurven in cd/klm

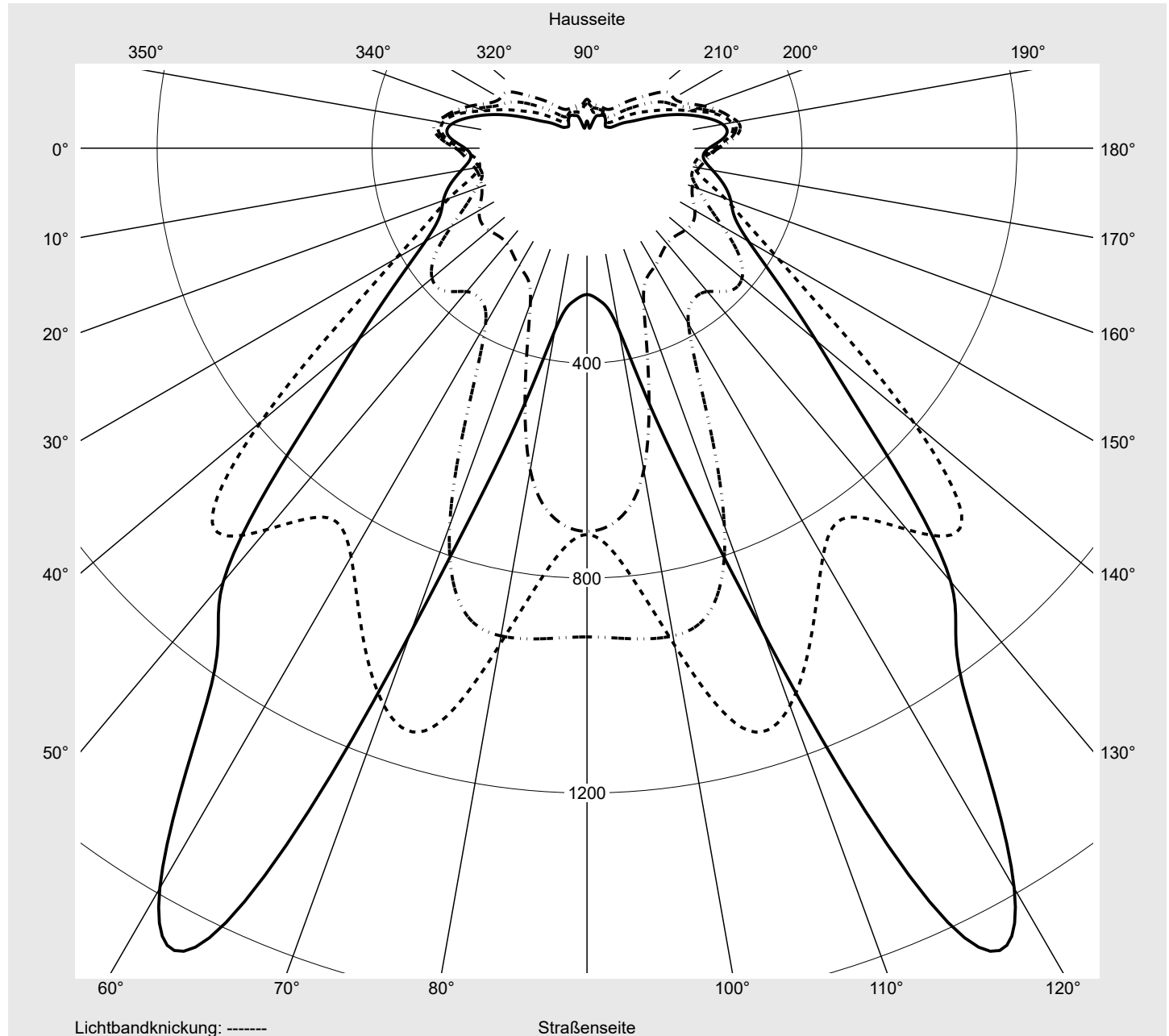
KMK 67.5°

KMK 65°

KMK 62.5°

KMK 60°

siteco



Lichttechnischer Prüfbefund

| Familie                         |                       |            |             | Bestell-Nr.: 5XH513AA08DA |             |             |             |             |             |             |             | LP-Nummer   |             |
|---------------------------------|-----------------------|------------|-------------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Streetlight 31 micro toolless   |                       |            |             | EAN: 4069025512260        |             |             |             |             |             |             |             | 59800_3407  |             |
| 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°                            | 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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|---------------------------------|-----------------------|-------------|-------------|---------------------------|------------|-------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------|--|
| Streetlight 31 micro toolless   |                       |             |             | EAN: 4069025512260        |            |       |              |              |              |              |              | 59800_3407           |              |        |  |
| Wertetabelle Lichtstärkemessung |                       |             |             |                           |            |       |              |              |              |              |              | Maximale Lichtstärke |              | siteco |  |
| 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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| Familie                         |                       |              |              | Bestell-Nr.: 5XH513AA08DA |              |              |              |              |              |              |       | LP-Nummer            |                   |
|---------------------------------|-----------------------|--------------|--------------|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------|-------------------|
| Streetlight 31 micro toolless   |                       |              |              | EAN: 4069025512260        |              |              |              |              |              |              |       | 59800_3407           |                   |
| Wertetabelle Lichtstärkemessung |                       |              |              |                           |              |              |              |              |              |              |       | siteco               |                   |
| C-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 micro toolless        | <b>Bestell-Nr.: 5XH513AA08DA</b><br><b>EAN: 4069025512260</b> | <b>LP-Nummer</b><br><b>59800_3407</b> |
| <b>Dimmstufen-Tabelle</b><br>Umgebungstemperatur: 25°C |                                                               | <b>sit</b> eco                        |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 4770            | 35.5                                 | 37.5                               | 36.5                            |
| 95             | 238              | 252                     | 4532            | 33.1                                 | 35.0                               | 34.0                            |
| 90             | 222              | 249                     | 4286            | 30.7                                 | 32.5                               | 31.6                            |
| 85             | 207              | 247                     | 4049            | 28.6                                 | 30.1                               | 29.4                            |
| 80             | 193              | 244                     | 3821            | 26.6                                 | 28.0                               | 27.3                            |
| 75             | 178              | 241                     | 3570            | 24.4                                 | 25.8                               | 25.1                            |
| 70             | 165              | 238                     | 3346            | 22.6                                 | 23.8                               | 23.2                            |
| 65             | 151              | 235                     | 3099            | 20.7                                 | 21.8                               | 21.2                            |
| 60             | 138              | 232                     | 2864            | 18.9                                 | 19.9                               | 19.4                            |
| 55             | 125              | 228                     | 2624            | 17.2                                 | 18.1                               | 17.6                            |
| 50             | 112              | 224                     | 2377            | 15.4                                 | 16.2                               | 15.8                            |
| 45             | 100              | 220                     | 2145            | 13.9                                 | 14.6                               | 14.2                            |
| 40             | 88               | 215                     | 1908            | 12.3                                 | 12.9                               | 12.6                            |
| 35             | 76               | 210                     | 1665            | 10.8                                 | 11.3                               | 11.0                            |
| 30             | 65               | 204                     | 1439            | 9.4                                  | 9.8                                | 9.6                             |
| 25             | 53               | 197                     | 1187            | 7.9                                  | 8.3                                | 8.1                             |
| 20             | 42               | 188                     | 953             | 6.6                                  | 6.9                                | 6.8                             |
| 15             | 31               | 177                     | 714             | 5.3                                  | 5.5                                | 5.4                             |
| 13             | 26               | 171                     | 604             | 4.7                                  | 4.9                                | 4.8                             |

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

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 4910            | 35.9                                 | 38.0                               | 37.0                            |
| 95             | 238              | 252                     | 4658            | 33.5                                 | 35.4                               | 34.4                            |
| 90             | 223              | 249                     | 4416            | 31.2                                 | 33.0                               | 32.1                            |
| 85             | 208              | 247                     | 4168            | 29.1                                 | 30.7                               | 29.9                            |
| 80             | 194              | 244                     | 3929            | 27.0                                 | 28.5                               | 27.8                            |
| 75             | 180              | 241                     | 3686            | 25.0                                 | 26.4                               | 25.7                            |
| 70             | 166              | 238                     | 3437            | 23.0                                 | 24.4                               | 23.7                            |
| 65             | 153              | 235                     | 3200            | 21.3                                 | 22.4                               | 21.8                            |
| 60             | 139              | 232                     | 2940            | 19.3                                 | 20.3                               | 19.8                            |
| 55             | 126              | 228                     | 2692            | 17.6                                 | 18.4                               | 18.0                            |
| 50             | 114              | 225                     | 2459            | 16.0                                 | 16.7                               | 16.4                            |
| 45             | 101              | 220                     | 2201            | 14.2                                 | 14.9                               | 14.6                            |
| 40             | 89               | 216                     | 1959            | 12.6                                 | 13.2                               | 12.9                            |
| 35             | 77               | 210                     | 1712            | 11.1                                 | 11.6                               | 11.4                            |
| 30             | 66               | 205                     | 1481            | 9.6                                  | 10.1                               | 9.8                             |
| 25             | 54               | 197                     | 1226            | 8.1                                  | 8.5                                | 8.3                             |
| 20             | 43               | 189                     | 988             | 6.8                                  | 7.1                                | 7.0                             |
| 15             | 32               | 178                     | 746             | 5.5                                  | 5.7                                | 5.6                             |
| 12             | 26               | 171                     | 612             | 4.8                                  | 5.0                                | 4.9                             |

Lichttechnischer Prüfbefund

|                                                        |                                                               |                                       |
|--------------------------------------------------------|---------------------------------------------------------------|---------------------------------------|
| <b>Familie</b><br><b>Streetlight 31 micro toolless</b> | <b>Bestell-Nr.: 5XH513AA08DA</b><br><b>EAN: 4069025512260</b> | <b>LP-Nummer</b><br><b>59800_3407</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                     | 4850            | 35.7                                 | 37.7                               | 36.7                            |
| 95             | 238              | 252                     | 4605            | 33.3                                 | 35.2                               | 34.2                            |
| 90             | 223              | 249                     | 4368            | 31.1                                 | 32.8                               | 32.0                            |
| 85             | 208              | 247                     | 4125            | 28.9                                 | 30.5                               | 29.7                            |
| 80             | 193              | 244                     | 3875            | 26.7                                 | 28.2                               | 27.4                            |
| 75             | 179              | 241                     | 3635            | 24.8                                 | 26.1                               | 25.5                            |
| 70             | 165              | 238                     | 3390            | 22.8                                 | 24.0                               | 23.4                            |
| 65             | 152              | 235                     | 3156            | 20.9                                 | 22.1                               | 21.5                            |
| 60             | 139              | 232                     | 2917            | 19.2                                 | 20.2                               | 19.7                            |
| 55             | 126              | 228                     | 2673            | 17.4                                 | 18.3                               | 17.8                            |
| 50             | 113              | 224                     | 2423            | 15.6                                 | 16.5                               | 16.0                            |
| 45             | 101              | 220                     | 2188            | 14.0                                 | 14.8                               | 14.4                            |
| 40             | 89               | 216                     | 1948            | 12.5                                 | 13.1                               | 12.8                            |
| 35             | 77               | 210                     | 1702            | 11.0                                 | 11.5                               | 11.2                            |
| 30             | 65               | 204                     | 1452            | 9.5                                  | 9.9                                | 9.7                             |
| 25             | 54               | 197                     | 1220            | 8.1                                  | 8.4                                | 8.2                             |
| 20             | 42               | 188                     | 962             | 6.7                                  | 6.9                                | 6.8                             |
| 15             | 31               | 177                     | 721             | 5.3                                  | 5.6                                | 5.4                             |
| 13             | 26               | 171                     | 609             | 4.8                                  | 4.9                                | 4.8                             |

Lichttechnischer Prüfbefund

|                                                 |                                                               |                                       |
|-------------------------------------------------|---------------------------------------------------------------|---------------------------------------|
| <b>Familie</b><br>Streetlight 31 micro toolless | <b>Bestell-Nr.: 5XH513AA08DA</b><br><b>EAN: 4069025512260</b> | <b>LP-Nummer</b><br><b>59800_3407</b> |
| <b>Lichtstrom-Tabelle</b>                       |                                                               | <b>siteco</b>                         |

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 25.0             | 4770.0           | 35.5                |
| 5.0              | 4910.0           | 35.9                |
| 15.0             | 4850.0           | 35.7                |