

## Lichttechnischer Prüfbefund

**Familie**  
Streetlight 31 midi toolless

**Bestell-Nr.:** 5XH714AT08NA  
**EAN:** 4069025514103

**LP-Nummer**  
59798\_2417



**Ausführung** Mastansatz- / Mastaufsatzmontage, Smart Interface oben/unten  
**Optik** asymmetrisch strahlend (PL32G)  
**Abdeckung** Einscheibensicherheitsglas (ESG)  
**Bestückung** LED 4000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO - Smart Interface  
**Bemessungswerte** Nettolichtstrom = 23420 lm  
Systemleistung = 149.5 W  
Lichtausbeute = 156.7 lm/W

**Seriendokumentation**  
26.08.2025

siteco

**Lichtstärke in cd/klm**

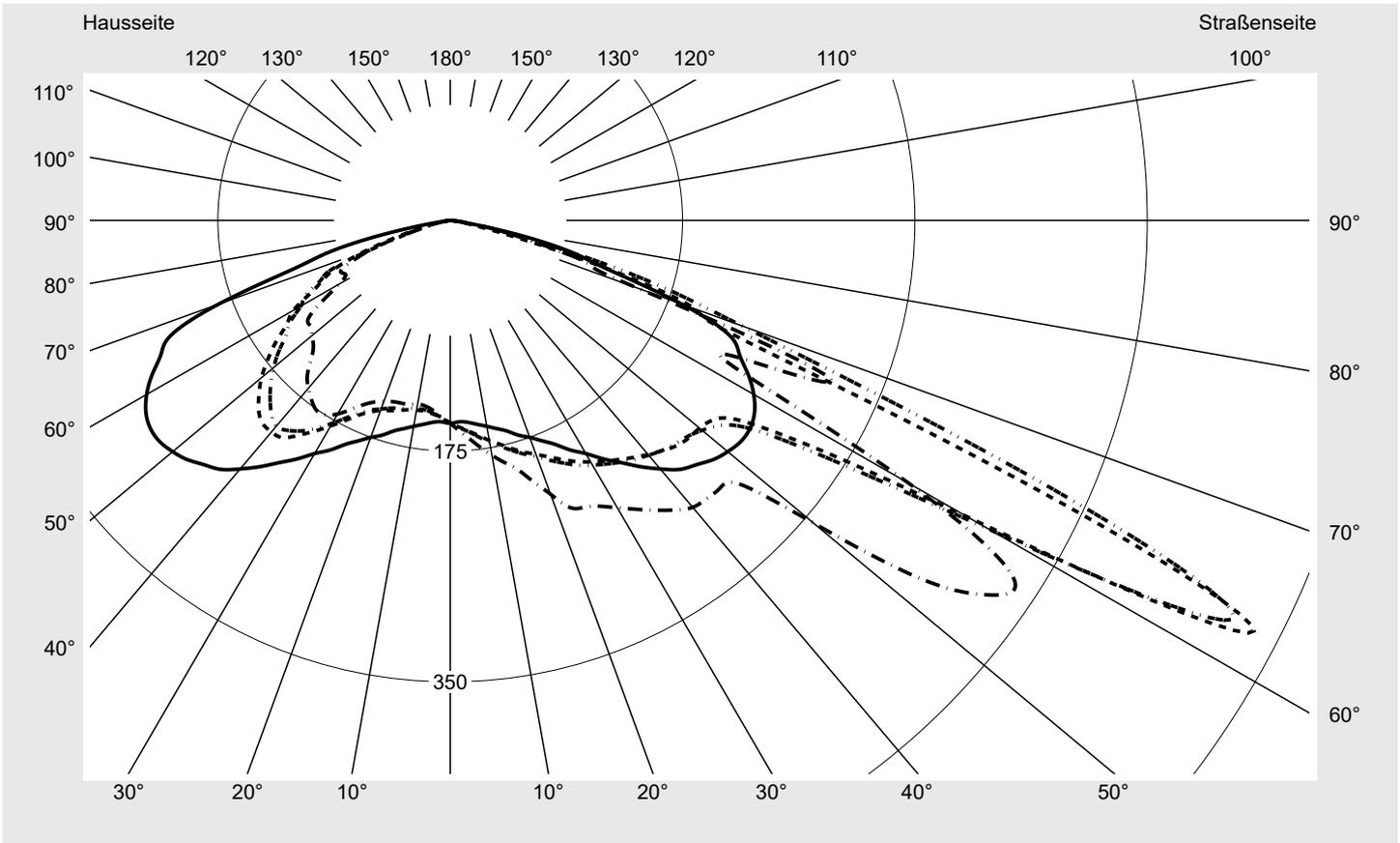
C180-0

C220-40

C225-45

C270-90

**Imax: 678 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

Klasse: G3  
Imax 70° 623.9  
Imax 80° 57.0  
Imax 90° 0.0  
Imax >90° 0.0  
Imax >95° 0.0

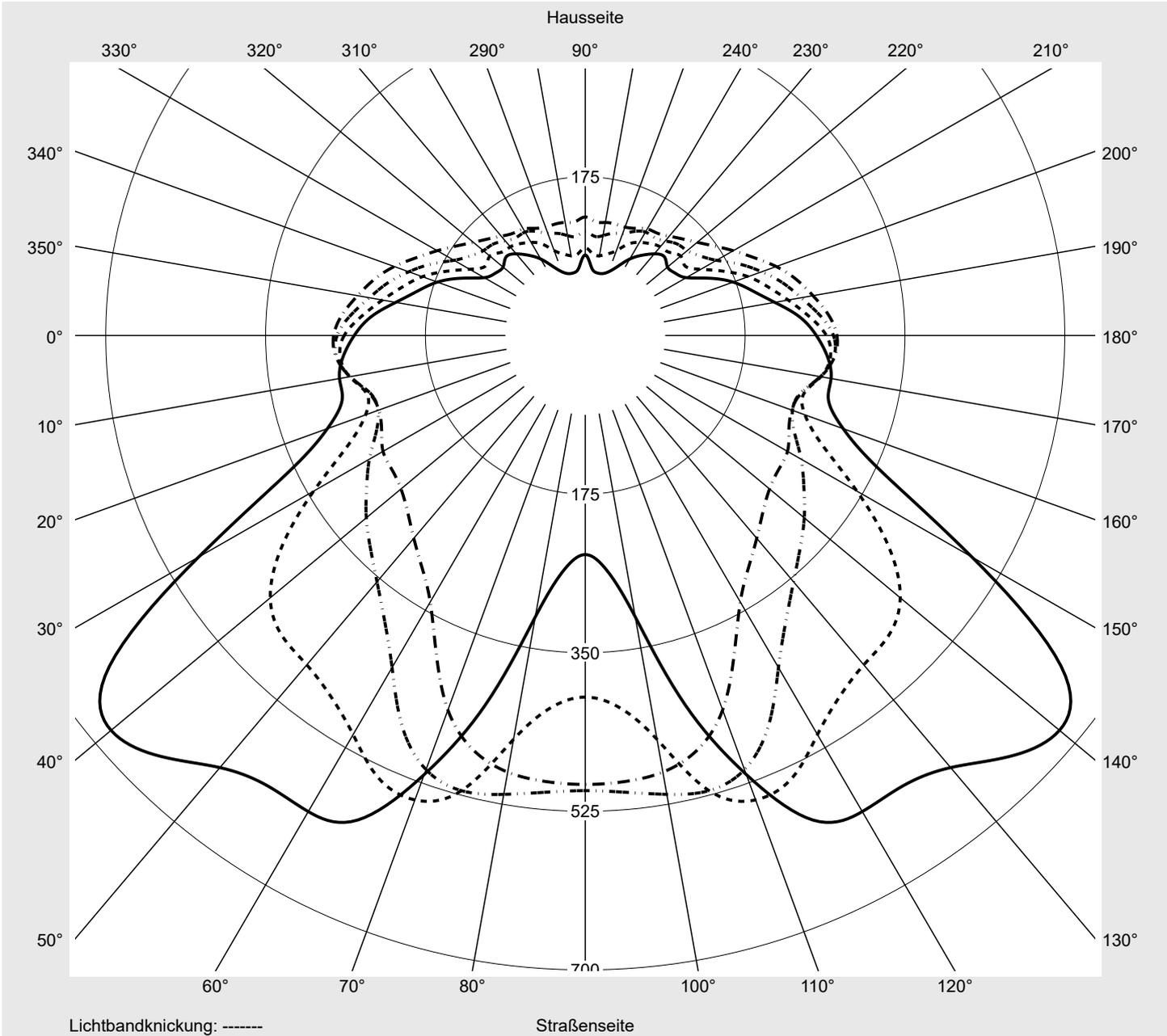
**Messbedingungen**

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°         | 153.9                 | 153.9      | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       |
| 2,5°         | 152.9                 | 153.3      | 153.8       | 154.4       | 154.9       | 155.4       | 156.0       | 156.5       | 157.0       | 157.5       | 157.9       | 158.3       | 158.7       |
| 5,0°         | 153.8                 | 154.6      | 155.4       | 156.5       | 157.5       | 158.3       | 158.9       | 159.7       | 160.5       | 161.0       | 161.6       | 162.2       | 162.9       |
| 7,5°         | 156.0                 | 157.1      | 158.0       | 159.2       | 160.3       | 161.4       | 162.4       | 163.6       | 164.7       | 165.8       | 166.8       | 167.8       | 168.6       |
| 10,0°        | 158.6                 | 159.8      | 160.7       | 162.1       | 163.6       | 165.0       | 166.3       | 167.8       | 169.4       | 170.8       | 172.3       | 173.6       | 174.7       |
| 12,5°        | 161.8                 | 162.9      | 164.3       | 166.1       | 167.9       | 169.6       | 171.0       | 172.5       | 174.0       | 175.6       | 177.3       | 178.9       | 180.3       |
| 15,0°        | 165.4                 | 166.9      | 168.3       | 170.4       | 172.5       | 174.3       | 176.0       | 177.5       | 179.2       | 180.7       | 182.1       | 184.2       | 186.5       |
| 17,5°        | 170.8                 | 172.0      | 173.2       | 175.2       | 177.0       | 179.0       | 180.8       | 182.5       | 184.2       | 185.9       | 187.6       | 189.5       | 193.3       |
| 20,0°        | 175.2                 | 177.6      | 179.4       | 180.6       | 182.3       | 183.8       | 185.4       | 187.0       | 188.9       | 190.8       | 193.3       | 195.6       | 198.8       |
| 22,5°        | 181.0                 | 183.3      | 185.4       | 187.4       | 188.4       | 189.3       | 190.5       | 192.0       | 194.2       | 197.0       | 200.2       | 203.5       | 206.3       |
| 25,0°        | 187.6                 | 190.1      | 191.6       | 193.7       | 195.1       | 195.1       | 195.8       | 197.7       | 200.2       | 203.2       | 206.9       | 210.2       | 213.0       |
| 27,5°        | 196.4                 | 198.0      | 199.0       | 200.0       | 201.5       | 201.5       | 201.7       | 203.7       | 206.2       | 209.3       | 212.5       | 215.7       | 218.7       |
| 30,0°        | 204.2                 | 206.2      | 206.7       | 206.7       | 207.3       | 207.7       | 207.4       | 209.4       | 211.5       | 214.4       | 217.0       | 219.4       | 222.1       |
| 32,5°        | 214.5                 | 215.1      | 214.9       | 213.5       | 212.7       | 212.7       | 212.5       | 214.6       | 216.5       | 219.1       | 221.3       | 223.8       | 226.6       |
| 35,0°        | 224.3                 | 224.9      | 223.5       | 220.7       | 217.8       | 217.6       | 217.3       | 220.0       | 221.5       | 223.9       | 226.4       | 229.1       | 232.2       |
| 37,5°        | 235.5                 | 234.4      | 231.5       | 226.7       | 222.7       | 222.0       | 221.6       | 224.9       | 226.7       | 228.3       | 230.7       | 233.9       | 237.1       |
| 40,0°        | 246.1                 | 244.1      | 238.9       | 231.2       | 227.0       | 225.6       | 225.6       | 229.6       | 231.8       | 232.5       | 234.7       | 237.4       | 240.3       |
| 42,5°        | 256.1                 | 251.5      | 243.7       | 234.8       | 230.4       | 228.4       | 229.6       | 234.7       | 236.8       | 236.6       | 237.3       | 239.0       | 242.2       |
| 45,0°        | 262.1                 | 258.4      | 248.9       | 238.5       | 233.4       | 230.6       | 232.6       | 238.8       | 241.5       | 239.6       | 239.3       | 241.4       | 245.8       |
| 47,5°        | 268.6                 | 264.5      | 253.2       | 241.5       | 235.7       | 233.5       | 235.8       | 240.9       | 243.9       | 242.5       | 242.8       | 246.1       | 252.5       |
| 50,0°        | 272.9                 | 269.4      | 256.7       | 243.7       | 237.1       | 236.9       | 240.1       | 244.1       | 245.1       | 247.7       | 250.1       | 255.0       | 265.8       |
| 52,5°        | 275.7                 | 272.4      | 259.2       | 245.1       | 239.2       | 241.2       | 245.9       | 248.1       | 248.9       | 255.6       | 263.8       | 274.7       | 290.4       |
| 55,0°        | 275.5                 | 273.8      | 261.2       | 245.1       | 240.6       | 246.1       | 255.7       | 258.3       | 263.4       | 275.1       | 292.1       | 311.9       | 339.5       |
| 57,5°        | 271.7                 | 273.1      | 261.7       | 244.1       | 241.5       | 252.6       | 273.0       | 292.3       | 313.0       | 332.6       | 354.8       | 383.3       | 423.1       |
| 60,0°        | 264.0                 | 269.5      | 261.9       | 247.8       | 256.0       | 286.6       | 343.4       | 405.3       | 450.2       | 469.1       | 474.4       | 485.9       | 508.4       |
| 62,5°        | 253.0                 | 266.1      | 273.3       | 275.7       | 300.5       | 360.4       | 488.8       | 635.9       | 677.8       | 656.9       | 622.4       | 606.6       | 606.6       |
| 65,0°        | 240.3                 | 274.2      | 286.5       | 273.7       | 264.1       | 275.7       | 311.3       | 384.1       | 511.5       | 564.9       | 556.9       | 590.7       | 600.5       |
| 67,5°        | 227.7                 | 249.1      | 236.1       | 196.9       | 168.4       | 167.8       | 182.1       | 207.7       | 249.4       | 360.6       | 503.8       | 535.0       | 349.3       |
| 70,0°        | 185.7                 | 185.4      | 184.1       | 169.0       | 150.8       | 152.0       | 157.7       | 172.3       | 195.9       | 234.0       | 284.0       | 366.9       | 498.5       |
| 72,5°        | 126.9                 | 155.2      | 171.0       | 150.9       | 111.5       | 93.7        | 90.0        | 103.8       | 134.0       | 166.6       | 192.6       | 201.1       | 236.6       |
| 75,0°        | 96.9                  | 117.8      | 119.7       | 83.1        | 44.1        | 31.7        | 30.5        | 39.5        | 61.7        | 98.4        | 139.1       | 154.4       | 150.9       |
| 77,5°        | 60.5                  | 54.0       | 41.1        | 25.1        | 13.3        | 11.4        | 11.3        | 14.3        | 24.0        | 44.4        | 79.4        | 107.8       | 98.4        |
| 80,0°        | 22.7                  | 9.2        | 5.9         | 6.4         | 6.7         | 6.7         | 6.6         | 7.4         | 10.8        | 16.5        | 36.0        | 55.9        | 57.0        |
| 82,5°        | 4.1                   | 2.8        | 3.0         | 3.2         | 3.4         | 3.5         | 3.5         | 3.8         | 4.8         | 7.4         | 13.0        | 24.0        | 27.7        |
| 85,0°        | 1.2                   | 1.2        | 1.2         | 1.2         | 1.2         | 1.2         | 1.4         | 1.4         | 1.5         | 2.0         | 2.7         | 5.0         | 6.9         |
| 87,5°        | 0.7                   | 0.7        | 0.7         | 0.7         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.7         |
| 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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|                                                |                                                               |                                       |
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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°         | 153.9                 | 153.9       | 153.9       | 153.9       | 153.9      | 153.9 | 153.9        | 153.9        | 153.9        | 153.9        | 153.9        | 153.9        | 153.9        |
| 2,5°         | 159.1                 | 159.4       | 159.7       | 159.8       | 159.9      | 160.0 | 152.4        | 151.8        | 151.6        | 151.3        | 150.9        | 150.6        | 150.4        |
| 5,0°         | 163.7                 | 164.5       | 165.1       | 165.6       | 166.1      | 166.3 | 152.8        | 151.7        | 150.9        | 150.3        | 149.5        | 148.7        | 148.0        |
| 7,5°         | 169.4                 | 170.2       | 171.2       | 172.3       | 173.2      | 173.6 | 154.4        | 152.8        | 151.7        | 150.4        | 149.3        | 148.1        | 147.1        |
| 10,0°        | 175.5                 | 176.3       | 177.2       | 178.7       | 180.2      | 180.9 | 156.5        | 154.6        | 153.1        | 151.7        | 150.1        | 148.7        | 147.4        |
| 12,5°        | 181.6                 | 182.5       | 183.3       | 184.9       | 187.0      | 188.0 | 159.7        | 157.3        | 155.6        | 153.7        | 152.0        | 150.4        | 148.5        |
| 15,0°        | 188.7                 | 190.7       | 191.4       | 192.4       | 194.5      | 195.4 | 163.4        | 160.8        | 158.9        | 156.9        | 154.7        | 152.7        | 150.9        |
| 17,5°        | 198.0                 | 202.0       | 204.3       | 204.2       | 206.1      | 207.7 | 168.2        | 165.4        | 162.6        | 160.0        | 157.6        | 155.4        | 153.3        |
| 20,0°        | 206.1                 | 212.8       | 217.8       | 217.6       | 218.8      | 221.0 | 172.1        | 169.3        | 166.3        | 163.1        | 160.2        | 157.5        | 155.2        |
| 22,5°        | 211.5                 | 220.9       | 227.4       | 228.6       | 229.6      | 235.8 | 177.3        | 174.5        | 171.9        | 168.2        | 164.7        | 161.6        | 159.2        |
| 25,0°        | 216.0                 | 224.8       | 231.2       | 232.8       | 233.2      | 240.0 | 184.4        | 180.8        | 178.1        | 174.8        | 170.8        | 167.5        | 165.0        |
| 27,5°        | 220.8                 | 226.8       | 232.8       | 234.6       | 234.6      | 244.5 | 192.9        | 189.3        | 185.7        | 183.1        | 179.7        | 176.3        | 173.6        |
| 30,0°        | 224.8                 | 229.3       | 236.4       | 238.7       | 238.5      | 251.8 | 201.8        | 198.4        | 194.5        | 190.6        | 188.8        | 185.4        | 182.4        |
| 32,5°        | 229.5                 | 233.4       | 241.7       | 245.6       | 245.0      | 259.8 | 211.7        | 208.7        | 205.0        | 201.0        | 197.7        | 196.5        | 192.8        |
| 35,0°        | 234.9                 | 238.7       | 246.3       | 252.1       | 252.4      | 268.4 | 222.9        | 220.0        | 216.2        | 212.5        | 208.5        | 205.4        | 204.0        |
| 37,5°        | 240.1                 | 243.6       | 251.3       | 261.6       | 263.1      | 277.0 | 234.2        | 231.2        | 227.2        | 223.4        | 219.2        | 215.1        | 210.2        |
| 40,0°        | 243.8                 | 247.9       | 256.6       | 273.9       | 278.8      | 284.1 | 245.3        | 242.2        | 237.9        | 233.5        | 228.7        | 223.0        | 216.7        |
| 42,5°        | 246.4                 | 252.9       | 262.7       | 285.1       | 288.5      | 286.1 | 255.1        | 251.8        | 247.3        | 241.9        | 235.3        | 227.8        | 219.2        |
| 45,0°        | 251.6                 | 260.7       | 270.1       | 282.6       | 289.1      | 287.3 | 261.5        | 259.0        | 254.5        | 247.6        | 239.1        | 229.2        | 216.9        |
| 47,5°        | 261.0                 | 273.6       | 281.2       | 289.3       | 296.3      | 296.3 | 266.6        | 262.3        | 257.3        | 249.7        | 238.9        | 225.6        | 210.4        |
| 50,0°        | 279.0                 | 298.4       | 311.8       | 330.3       | 349.0      | 357.1 | 270.0        | 263.8        | 255.6        | 246.5        | 233.4        | 217.1        | 200.4        |
| 52,5°        | 315.1                 | 351.1       | 385.6       | 420.3       | 441.3      | 446.2 | 270.7        | 260.9        | 250.0        | 237.0        | 221.3        | 205.0        | 187.3        |
| 55,0°        | 386.3                 | 439.7       | 473.6       | 489.2       | 494.1      | 495.4 | 267.0        | 253.2        | 239.2        | 222.5        | 203.6        | 187.1        | 172.2        |
| 57,5°        | 474.9                 | 509.7       | 520.2       | 514.1       | 506.0      | 502.2 | 257.7        | 240.1        | 224.0        | 205.6        | 186.4        | 165.9        | 153.3        |
| 60,0°        | 537.7                 | 545.3       | 519.2       | 452.5       | 411.2      | 399.0 | 245.7        | 225.6        | 207.2        | 189.8        | 167.7        | 146.1        | 133.5        |
| 62,5°        | 590.0                 | 515.5       | 421.5       | 315.3       | 258.8      | 241.7 | 235.6        | 210.7        | 189.9        | 172.3        | 149.6        | 127.7        | 120.1        |
| 65,0°        | 483.5                 | 302.1       | 187.1       | 194.0       | 243.5      | 258.9 | 209.5        | 187.8        | 172.2        | 155.2        | 131.6        | 112.6        | 104.5        |
| 67,5°        | 189.2                 | 219.9       | 403.6       | 398.0       | 335.1      | 304.9 | 192.4        | 159.6        | 147.1        | 135.6        | 113.1        | 96.5         | 91.2         |
| 70,0°        | 623.9                 | 488.5       | 293.6       | 190.4       | 158.1      | 150.3 | 173.4        | 146.1        | 127.2        | 114.7        | 96.8         | 80.7         | 75.9         |
| 72,5°        | 266.8                 | 208.4       | 157.0       | 131.3       | 114.1      | 109.4 | 118.5        | 122.0        | 114.7        | 96.9         | 76.6         | 64.1         | 54.6         |
| 75,0°        | 143.3                 | 125.1       | 104.9       | 89.5        | 77.5       | 73.1  | 62.5         | 68.5         | 86.0         | 79.6         | 61.7         | 45.1         | 32.8         |
| 77,5°        | 87.4                  | 73.2        | 61.5        | 52.2        | 46.1       | 43.5  | 37.1         | 27.9         | 43.3         | 49.7         | 37.5         | 21.9         | 11.8         |
| 80,0°        | 48.8                  | 40.2        | 34.1        | 29.5        | 25.5       | 23.9  | 17.2         | 9.9          | 14.2         | 20.5         | 16.7         | 6.9          | 6.2          |
| 82,5°        | 23.2                  | 19.1        | 15.7        | 13.5        | 11.6       | 10.9  | 3.9          | 3.1          | 3.7          | 4.7          | 4.1          | 3.1          | 3.1          |
| 85,0°        | 7.4                   | 6.0         | 4.9         | 4.0         | 3.5        | 3.2   | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.3          |
| 87,5°        | 0.7                   | 0.7         | 0.6         | 0.6         | 0.6        | 0.6   | 0.7          | 0.7          | 0.7          | 0.7          | 0.7          | 0.7          | 0.7          |
| 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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|                                                |                                                               |                                |
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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°         | 153.9                 | 153.9        | 153.9        | 153.9        | 153.9        | 153.9        | 153.9        | 153.9        | 153.9        | 153.9        | 153.9 | 0.2                  | 0.2               |
| 2,5°         | 150.1                 | 149.8        | 149.7        | 149.6        | 149.4        | 149.3        | 149.3        | 149.3        | 149.3        | 149.4        | 149.4 | 1.8                  | 2.1               |
| 5,0°         | 147.4                 | 146.7        | 146.1        | 145.7        | 145.4        | 145.0        | 144.8        | 144.8        | 144.8        | 144.9        | 144.9 | 3.7                  | 5.8               |
| 7,5°         | 146.1                 | 145.0        | 144.3        | 143.6        | 143.0        | 142.5        | 142.1        | 142.1        | 142.1        | 142.2        | 142.1 | 5.6                  | 11.3              |
| 10,0°        | 146.1                 | 145.0        | 143.9        | 143.2        | 142.4        | 141.8        | 141.3        | 141.2        | 141.3        | 141.4        | 141.5 | 7.5                  | 18.9              |
| 12,5°        | 147.1                 | 145.9        | 144.8        | 143.9        | 143.2        | 142.7        | 142.5        | 142.6        | 142.8        | 142.9        | 143.0 | 9.6                  | 28.5              |
| 15,0°        | 149.1                 | 147.5        | 146.3        | 145.0        | 144.1        | 143.4        | 142.9        | 142.9        | 143.0        | 143.3        | 143.4 | 11.7                 | 40.2              |
| 17,5°        | 151.3                 | 149.3        | 147.8        | 147.0        | 146.1        | 145.1        | 144.5        | 144.0        | 143.9        | 143.9        | 144.2 | 14.0                 | 54.2              |
| 20,0°        | 153.3                 | 152.2        | 151.1        | 150.0        | 149.0        | 148.1        | 147.2        | 146.4        | 145.9        | 145.8        | 146.1 | 16.4                 | 70.7              |
| 22,5°        | 157.3                 | 155.7        | 154.9        | 154.3        | 153.1        | 152.0        | 150.8        | 149.8        | 149.0        | 148.7        | 149.1 | 19.0                 | 89.6              |
| 25,0°        | 162.9                 | 161.3        | 160.4        | 159.5        | 158.9        | 157.6        | 156.3        | 155.0        | 154.1        | 153.6        | 154.2 | 21.6                 | 111.3             |
| 27,5°        | 171.1                 | 168.6        | 168.0        | 167.0        | 166.0        | 165.1        | 163.7        | 162.7        | 161.7        | 161.1        | 161.6 | 24.4                 | 135.7             |
| 30,0°        | 179.9                 | 177.7        | 176.3        | 175.3        | 174.1        | 172.9        | 171.9        | 170.8        | 169.7        | 169.1        | 169.5 | 27.4                 | 163.1             |
| 32,5°        | 189.5                 | 186.7        | 185.2        | 183.1        | 181.4        | 180.1        | 179.0        | 177.4        | 176.0        | 175.1        | 175.0 | 30.5                 | 193.6             |
| 35,0°        | 198.9                 | 194.9        | 192.0        | 189.5        | 186.2        | 183.6        | 181.9        | 179.0        | 176.9        | 175.6        | 175.8 | 33.6                 | 227.2             |
| 37,5°        | 207.6                 | 200.8        | 196.1        | 191.4        | 185.8        | 181.2        | 178.5        | 175.5        | 173.1        | 171.7        | 171.5 | 36.5                 | 263.8             |
| 40,0°        | 209.5                 | 203.8        | 195.1        | 187.8        | 180.7        | 175.2        | 171.9        | 169.1        | 166.9        | 165.8        | 166.0 | 39.3                 | 303.0             |
| 42,5°        | 209.0                 | 199.4        | 190.8        | 181.1        | 173.4        | 167.7        | 164.3        | 161.7        | 159.7        | 159.1        | 159.3 | 41.7                 | 344.7             |
| 45,0°        | 204.0                 | 191.9        | 183.0        | 172.6        | 165.1        | 159.6        | 156.3        | 152.5        | 149.3        | 147.7        | 147.8 | 43.7                 | 388.4             |
| 47,5°        | 195.4                 | 183.3        | 173.3        | 165.6        | 156.8        | 149.0        | 143.9        | 140.5        | 138.4        | 138.2        | 139.8 | 45.6                 | 434.0             |
| 50,0°        | 185.6                 | 173.6        | 164.0        | 154.2        | 144.2        | 138.5        | 137.0        | 136.0        | 134.9        | 134.8        | 136.0 | 48.2                 | 482.2             |
| 52,5°        | 173.2                 | 162.6        | 152.2        | 141.9        | 140.0        | 135.1        | 132.1        | 130.8        | 129.2        | 128.9        | 132.2 | 52.1                 | 534.3             |
| 55,0°        | 160.0                 | 150.6        | 143.1        | 137.8        | 135.7        | 130.5        | 127.3        | 127.3        | 126.6        | 126.0        | 130.8 | 56.4                 | 590.7             |
| 57,5°        | 145.7                 | 142.6        | 136.2        | 132.0        | 131.8        | 126.7        | 119.8        | 116.6        | 111.9        | 110.1        | 114.6 | 60.7                 | 651.4             |
| 60,0°        | 136.4                 | 129.9        | 127.7        | 123.8        | 118.6        | 111.3        | 99.7         | 93.1         | 89.3         | 90.6         | 96.7  | 65.1                 | 716.5             |
| 62,5°        | 117.5                 | 122.6        | 117.6        | 108.0        | 97.4         | 84.2         | 74.8         | 70.7         | 70.4         | 75.9         | 88.8  | 70.5                 | 787.0             |
| 65,0°        | 105.1                 | 107.7        | 103.0        | 86.6         | 70.4         | 62.2         | 58.9         | 58.0         | 57.6         | 65.6         | 91.0  | 59.1                 | 846.2             |
| 67,5°        | 91.4                  | 95.9         | 78.9         | 58.2         | 51.3         | 50.5         | 50.5         | 45.2         | 40.7         | 48.6         | 78.6  | 48.7                 | 894.8             |
| 70,0°        | 68.4                  | 57.8         | 51.5         | 42.6         | 42.2         | 44.3         | 38.5         | 25.7         | 21.0         | 30.1         | 60.3  | 43.2                 | 938.0             |
| 72,5°        | 43.3                  | 34.9         | 32.5         | 34.1         | 37.1         | 35.6         | 20.9         | 16.3         | 17.0         | 20.4         | 34.9  | 27.8                 | 965.8             |
| 75,0°        | 25.0                  | 22.6         | 25.6         | 29.5         | 28.0         | 20.4         | 14.3         | 12.0         | 11.5         | 12.4         | 17.2  | 17.6                 | 983.3             |
| 77,5°        | 11.6                  | 14.3         | 17.1         | 18.0         | 15.2         | 11.7         | 10.3         | 8.3          | 6.8          | 6.6          | 10.8  | 9.5                  | 992.9             |
| 80,0°        | 6.5                   | 7.0          | 8.1          | 8.5          | 8.0          | 7.4          | 6.3          | 4.9          | 3.3          | 2.0          | 1.6   | 4.4                  | 997.3             |
| 82,5°        | 3.3                   | 3.6          | 4.1          | 4.1          | 4.3          | 4.1          | 3.3          | 2.5          | 1.9          | 1.2          | 1.0   | 1.9                  | 999.2             |
| 85,0°        | 1.4                   | 1.5          | 1.6          | 1.6          | 1.7          | 1.7          | 1.5          | 1.3          | 1.0          | 0.9          | 0.9   | 0.6                  | 999.8             |
| 87,5°        | 0.7                   | 0.8          | 0.8          | 0.8          | 0.8          | 0.8          | 0.9          | 0.9          | 0.9          | 0.9          | 0.9   | 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 midi toolless | <b>Bestell-Nr.: 5XH714AT08NA</b><br><b>EAN: 4069025514103</b> | <b>LP-Nummer</b><br><b>59798_2417</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                     | 23420           | 149.5                                | 163.7                              | 156.6                           |
| 95             | 239              | 252                     | 22265           | 140.1                                | 152.8                              | 146.4                           |
| 90             | 224              | 249                     | 21080           | 130.8                                | 142.5                              | 136.6                           |
| 85             | 210              | 247                     | 19945           | 122.2                                | 133.1                              | 127.6                           |
| 80             | 195              | 244                     | 18697           | 113.1                                | 123.1                              | 118.1                           |
| 75             | 182              | 242                     | 17592           | 105.3                                | 114.6                              | 110.0                           |
| 70             | 168              | 239                     | 16384           | 97.0                                 | 105.4                              | 101.2                           |
| 65             | 155              | 236                     | 15241           | 89.3                                 | 97.1                               | 93.2                            |
| 60             | 142              | 233                     | 14080           | 81.7                                 | 88.7                               | 85.2                            |
| 55             | 129              | 229                     | 12899           | 74.2                                 | 80.5                               | 77.4                            |
| 50             | 116              | 225                     | 11697           | 66.6                                 | 72.3                               | 69.4                            |
| 45             | 104              | 221                     | 10571           | 59.7                                 | 64.8                               | 62.2                            |
| 40             | 91               | 216                     | 9330            | 52.2                                 | 56.7                               | 54.4                            |
| 35             | 79               | 211                     | 8169            | 45.4                                 | 49.3                               | 47.3                            |
| 30             | 67               | 205                     | 6993            | 38.5                                 | 41.7                               | 40.1                            |
| 25             | 56               | 199                     | 5898            | 32.4                                 | 35.0                               | 33.7                            |
| 20             | 44               | 190                     | 4691            | 25.8                                 | 27.8                               | 26.8                            |
| 15             | 32               | 178                     | 3472            | 19.4                                 | 20.8                               | 20.1                            |
| 10             | 21               | 163                     | 2340            | 13.4                                 | 14.4                               | 13.9                            |
| 10             | 20               | 161                     | 2237            | 12.9                                 | 13.8                               | 13.4                            |

## Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 24070           | 151.4                                | 165.7                              | 158.6                           |
| 95             | 239              | 252                     | 22852           | 141.9                                | 154.7                              | 148.3                           |
| 90             | 225              | 250                     | 21692           | 133.2                                | 145.0                              | 139.1                           |
| 85             | 210              | 247                     | 20419           | 123.9                                | 134.8                              | 129.4                           |
| 80             | 197              | 245                     | 19293           | 115.9                                | 126.1                              | 121.0                           |
| 75             | 183              | 242                     | 18064           | 107.4                                | 116.8                              | 112.1                           |
| 70             | 169              | 239                     | 16809           | 98.9                                 | 107.5                              | 103.2                           |
| 65             | 156              | 236                     | 15631           | 91.2                                 | 99.0                               | 95.1                            |
| 60             | 143              | 233                     | 14432           | 83.5                                 | 90.6                               | 87.0                            |
| 55             | 130              | 229                     | 13219           | 75.9                                 | 82.3                               | 79.1                            |
| 50             | 118              | 226                     | 12081           | 68.7                                 | 74.6                               | 71.6                            |
| 45             | 105              | 222                     | 10833           | 61.2                                 | 66.3                               | 63.8                            |
| 40             | 93               | 217                     | 9665            | 54.2                                 | 58.8                               | 56.5                            |
| 35             | 80               | 212                     | 8383            | 46.6                                 | 50.6                               | 48.6                            |
| 30             | 68               | 206                     | 7185            | 39.7                                 | 43.0                               | 41.4                            |
| 25             | 56               | 199                     | 5971            | 32.9                                 | 35.6                               | 34.2                            |
| 20             | 45               | 191                     | 4850            | 26.7                                 | 28.9                               | 27.8                            |
| 15             | 33               | 179                     | 3614            | 20.2                                 | 21.7                               | 21.0                            |
| 10             | 21               | 163                     | 2365            | 13.6                                 | 14.6                               | 14.1                            |
| 9              | 20               | 161                     | 2261            | 13.1                                 | 14.0                               | 13.6                            |

## Lichttechnischer Prüfbefund

|                                                |                                                               |                                       |
|------------------------------------------------|---------------------------------------------------------------|---------------------------------------|
| <b>Familie</b><br>Streetlight 31 midi toolless | <b>Bestell-Nr.: 5XH714AT08NA</b><br><b>EAN: 4069025514103</b> | <b>LP-Nummer</b><br><b>59798_2417</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                     | 23770           | 150.4                                | 164.6                              | 157.5                           |
| 95             | 239              | 252                     | 22582           | 141.0                                | 153.7                              | 147.4                           |
| 90             | 224              | 249                     | 21365           | 131.6                                | 143.4                              | 137.5                           |
| 85             | 210              | 247                     | 20202           | 123.0                                | 133.9                              | 128.4                           |
| 80             | 196              | 245                     | 19012           | 114.5                                | 124.6                              | 119.6                           |
| 75             | 182              | 242                     | 17800           | 106.0                                | 115.3                              | 110.6                           |
| 70             | 169              | 239                     | 16656           | 98.2                                 | 106.7                              | 102.4                           |
| 65             | 156              | 236                     | 15495           | 90.5                                 | 98.3                               | 94.4                            |
| 60             | 142              | 233                     | 14223           | 82.3                                 | 89.3                               | 85.8                            |
| 55             | 130              | 229                     | 13116           | 75.3                                 | 81.7                               | 78.5                            |
| 50             | 117              | 226                     | 11899           | 67.7                                 | 73.4                               | 70.6                            |
| 45             | 104              | 221                     | 10663           | 60.1                                 | 65.2                               | 62.6                            |
| 40             | 92               | 217                     | 9505            | 53.2                                 | 57.7                               | 55.4                            |
| 35             | 80               | 212                     | 8332            | 46.2                                 | 50.2                               | 48.2                            |
| 30             | 68               | 206                     | 7143            | 39.4                                 | 42.6                               | 41.0                            |
| 25             | 56               | 199                     | 5939            | 32.7                                 | 35.3                               | 34.0                            |
| 20             | 44               | 190                     | 4723            | 26.0                                 | 28.0                               | 27.0                            |
| 15             | 33               | 179                     | 3596            | 20.0                                 | 21.5                               | 20.8                            |
| 10             | 21               | 163                     | 2354            | 13.5                                 | 14.5                               | 14.0                            |
| 9              | 20               | 161                     | 2251            | 13.0                                 | 13.9                               | 13.4                            |

**Lichttechnischer Prüfbefund****Familie**  
**Streetlight 31 midi toolless****Bestell-Nr.: 5XH714AT08NA**  
**EAN: 4069025514103****LP-Nummer**  
**59798\_2417****Lichtstrom-Tabelle****siteco**

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 25.0             | 23420.0          | 149.5               |
| 5.0              | 24070.0          | 151.4               |
| 15.0             | 23770.0          | 150.4               |