

Lichttechnischer Prüfbefund

Familie

Streetlight 21 midi LED



Bestell-Nr.: 5XE3U31U08NB

EAN: 4069025150905

LP-Nummer

59537\_19

Ausführung

Mastansatz- / Mastaufsatzmontage, Smart Interface unten

Optik

asymmetrisch, extrem breit strahlend (P0.8a G)

Abdeckung

Einscheibensicherheitsglas (ESG)

Bestückung

LED 3000 K | CRI ≥ 70

Betriebsgerät

EVG SITECO iQ - Smart Interface

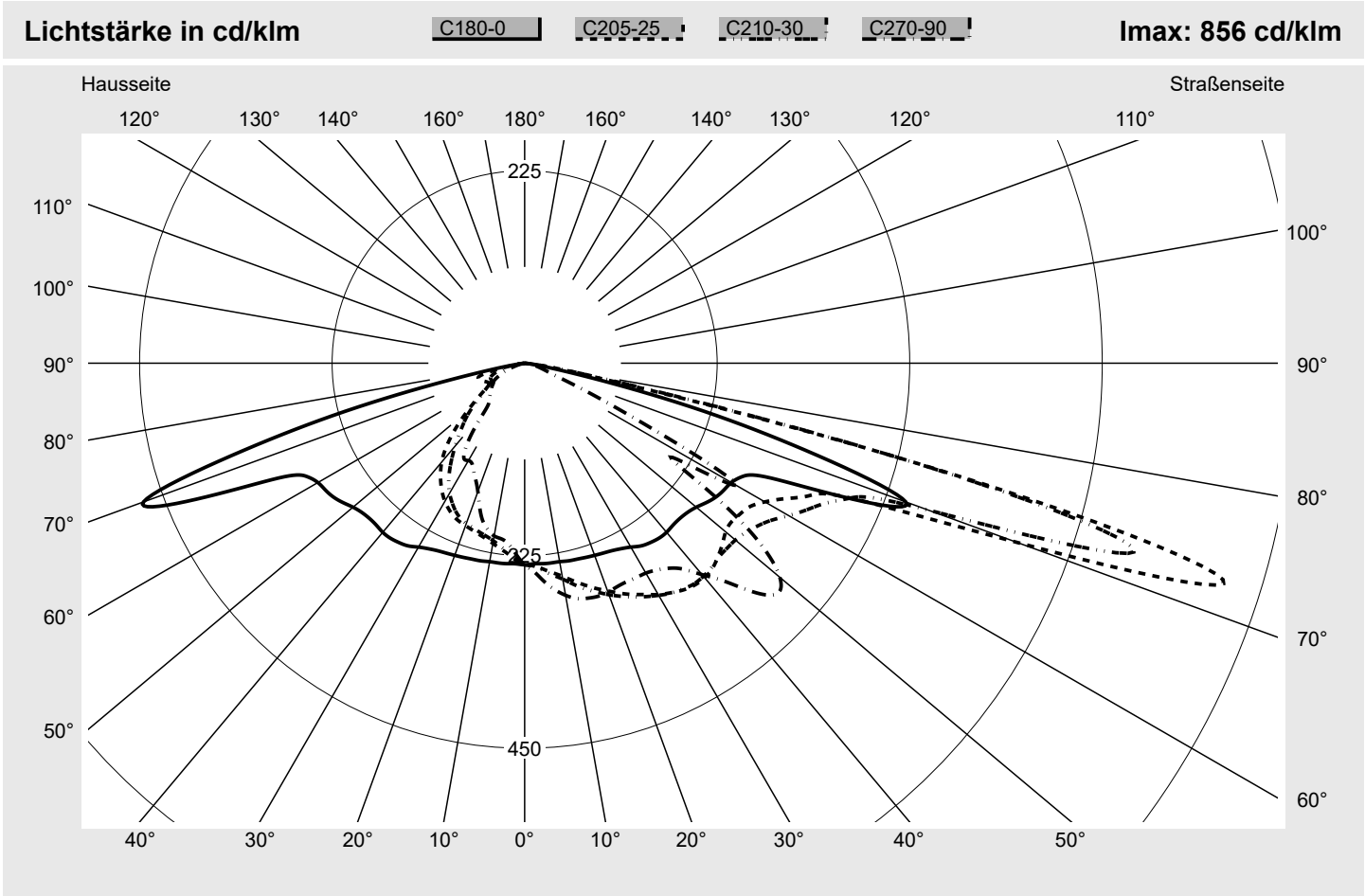
Bemessungswerte

Nettolichtstrom = 21740 lm  
Systemleistung = 136.6 W  
Lichtausbeute = 159.2 lm/W

Seriendokumentation

18.01.2024

siteco



| Leuchtenbetriebswirkungsgrade |        | Lichtstärkeklasse nach EN13201-2 |       |
|-------------------------------|--------|----------------------------------|-------|
| Eta                           | 100.0% | Klasse:                          | G3    |
| Eta 0° - 90°                  | 100.0% | Imax 70°                         | 618.8 |
| Eta 90° - 180°                | 0.0%   | Imax 80°                         | 68.3  |
|                               |        | Imax 90°                         | 0.0   |
|                               |        | Imax >90°                        | 0.0   |
|                               |        | Imax >95°                        | 0.0   |
| Messbedingungen               |        |                                  |       |
| DIN EN 13032 und DIN 5032     |        |                                  |       |

## Lichttechnischer Prüfbefund

**Familie**  
**Streetlight 21 midi LED**

**Bestell-Nr.: 5XE3U31U08NB**  
**EAN: 4069025150905**

**LP-Nummer**  
**59537\_19**

**Kegelmantelkurven in cd/klm**

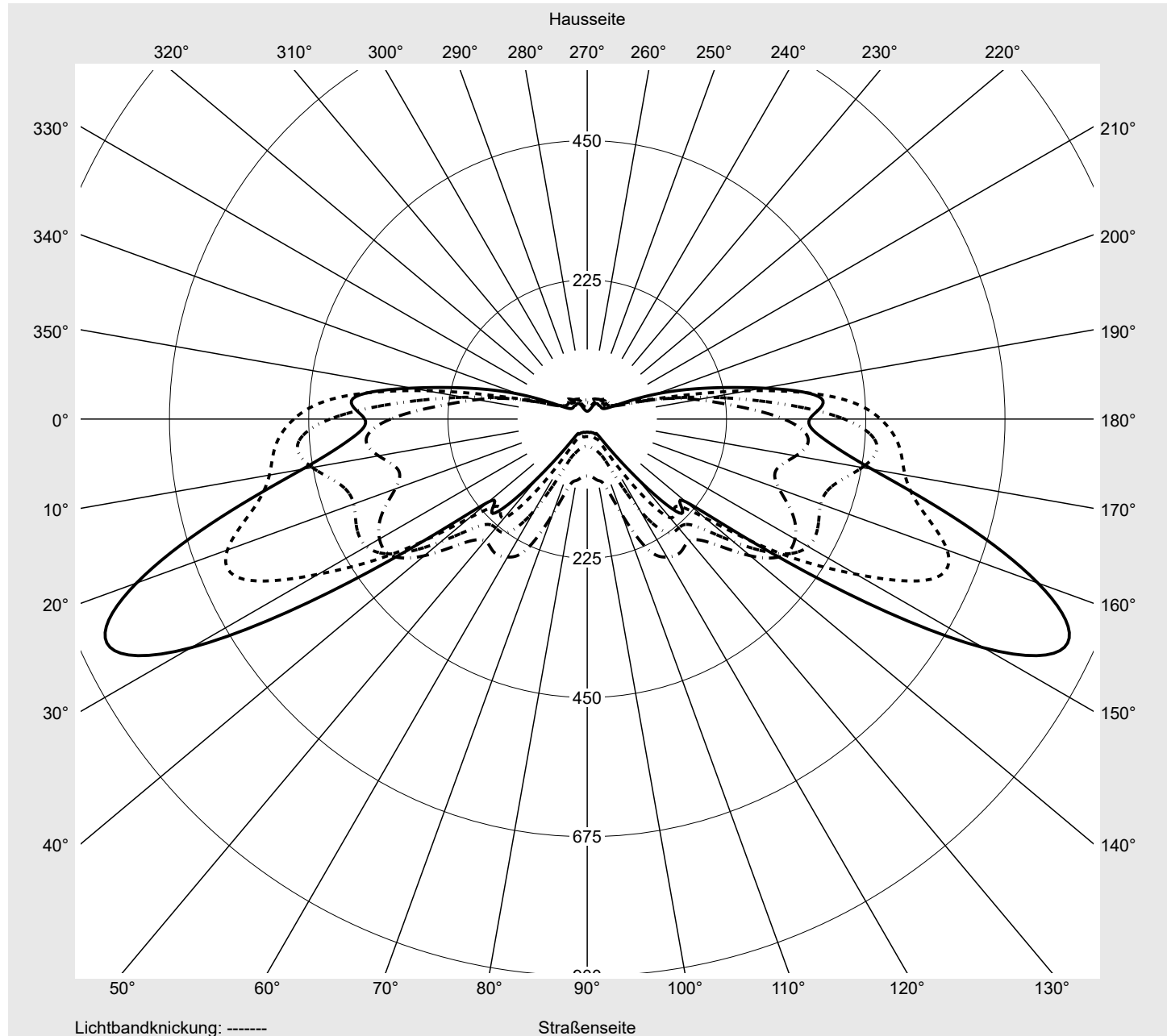
**KMK 72,5°**

**KMK 70°**

**KMK 67,5°**

**KMK 65°**

**sit**eco



Lichttechnischer Prüfbefund

|                                    |                       |            |             |                                                 |             |             |             |             |             |             |             |                       |             |
|------------------------------------|-----------------------|------------|-------------|-------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|
| Familie<br>Streetlight 21 midi LED |                       |            |             | Bestell-Nr.: 5XE3U31U08NB<br>EAN: 4069025150905 |             |             |             |             |             |             |             | LP-Nummer<br>59537_19 |             |
| Wertetabelle Lichtstärkemessung    |                       |            |             |                                                 |             |             |             |             |             |             |             | siteco                |             |
| Maximale Lichtstärke               |                       |            |             |                                                 |             |             |             |             |             |             |             |                       |             |
| 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°                               | 235.6                 | 235.6      | 235.6       | 235.6                                           | 235.6       | 235.6       | 235.6       | 235.6       | 235.6       | 235.6       | 235.6       | 235.6                 | 235.6       |
| 2,5°                               | 234.7                 | 235.2      | 235.9       | 236.3                                           | 236.6       | 236.6       | 237.1       | 238.2       | 239.1       | 239.6       | 240.2       | 240.8                 | 241.4       |
| 5,0°                               | 235.2                 | 235.6      | 236.3       | 237.6                                           | 239.5       | 241.3       | 243.0       | 244.7       | 246.6       | 248.1       | 249.5       | 251.0                 | 252.0       |
| 7,5°                               | 235.5                 | 236.3      | 238.0       | 240.8                                           | 243.9       | 246.8       | 249.7       | 252.2       | 254.9       | 256.9       | 258.9       | 260.6                 | 262.1       |
| 10,0°                              | 235.5                 | 236.9      | 240.3       | 244.4                                           | 248.7       | 252.8       | 256.3       | 259.5       | 262.8       | 265.6       | 267.6       | 269.4                 | 270.9       |
| 12,5°                              | 236.6                 | 239.6      | 244.5       | 249.8                                           | 255.3       | 260.4       | 264.8       | 268.6       | 271.6       | 274.3       | 276.7       | 278.4                 | 279.6       |
| 15,0°                              | 237.1                 | 242.1      | 248.6       | 255.9                                           | 262.4       | 268.1       | 272.9       | 276.0       | 279.3       | 281.8       | 283.4       | 284.4                 | 285.0       |
| 17,5°                              | 238.0                 | 245.1      | 253.5       | 262.0                                           | 269.7       | 275.9       | 280.4       | 284.2       | 286.5       | 288.0       | 288.8       | 288.8                 | 288.4       |
| 20,0°                              | 239.0                 | 248.9      | 259.1       | 268.7                                           | 277.4       | 283.1       | 288.0       | 290.8       | 292.2       | 293.0       | 292.9       | 292.1                 | 290.8       |
| 22,5°                              | 240.2                 | 252.1      | 264.0       | 275.5                                           | 284.7       | 291.0       | 294.8       | 297.0       | 297.3       | 297.0       | 295.8       | 293.9                 | 291.9       |
| 25,0°                              | 241.7                 | 256.4      | 269.7       | 282.6                                           | 291.9       | 298.2       | 301.4       | 303.0       | 302.4       | 300.4       | 297.9       | 295.3                 | 292.3       |
| 27,5°                              | 244.4                 | 261.7      | 277.2       | 290.5                                           | 299.8       | 304.8       | 307.5       | 308.4       | 306.8       | 303.6       | 299.8       | 296.2                 | 293.4       |
| 30,0°                              | 248.2                 | 267.9      | 285.5       | 299.1                                           | 307.5       | 312.2       | 313.2       | 312.7       | 310.3       | 306.3       | 302.1       | 298.3                 | 295.0       |
| 32,5°                              | 253.2                 | 275.1      | 294.8       | 308.3                                           | 315.3       | 318.1       | 318.6       | 316.5       | 312.9       | 309.0       | 305.2       | 301.4                 | 299.1       |
| 35,0°                              | 256.0                 | 280.7      | 302.4       | 316.0                                           | 321.9       | 323.5       | 322.2       | 319.1       | 315.4       | 312.5       | 309.8       | 307.8                 | 305.7       |
| 37,5°                              | 257.8                 | 284.8      | 307.2       | 321.0                                           | 325.8       | 326.7       | 325.1       | 321.5       | 317.8       | 316.2       | 316.4       | 317.1                 | 315.6       |
| 40,0°                              | 258.0                 | 287.5      | 310.2       | 322.7                                           | 326.9       | 327.3       | 325.0       | 322.7       | 322.1       | 322.8       | 327.0       | 330.8                 | 329.2       |
| 42,5°                              | 256.7                 | 287.7      | 310.0       | 321.3                                           | 324.3       | 325.0       | 323.6       | 324.2       | 327.6       | 332.7       | 340.5       | 346.4                 | 346.9       |
| 45,0°                              | 256.6                 | 288.1      | 308.0       | 315.7                                           | 318.1       | 319.6       | 320.7       | 326.4       | 335.0       | 346.1       | 357.7       | 365.7                 | 371.4       |
| 47,5°                              | 258.2                 | 288.9      | 305.8       | 309.5                                           | 309.7       | 313.4       | 320.5       | 332.2       | 346.1       | 362.6       | 377.2       | 387.9                 | 396.1       |
| 50,0°                              | 261.8                 | 290.2      | 302.3       | 301.0                                           | 300.0       | 306.7       | 321.5       | 340.0       | 358.4       | 378.5       | 396.1       | 408.8                 | 416.2       |
| 52,5°                              | 267.6                 | 293.4      | 300.8       | 295.4                                           | 293.1       | 304.6       | 325.3       | 350.3       | 370.6       | 391.3       | 406.9       | 415.8                 | 411.4       |
| 55,0°                              | 272.8                 | 296.9      | 299.8       | 291.5                                           | 291.2       | 307.3       | 331.9       | 362.0       | 382.3       | 398.0       | 404.3       | 399.0                 | 374.0       |
| 57,5°                              | 276.0                 | 299.2      | 298.8       | 289.2                                           | 292.4       | 312.1       | 341.7       | 374.1       | 390.1       | 391.8       | 379.5       | 349.4                 | 309.6       |
| 60,0°                              | 279.0                 | 303.6      | 299.5       | 289.6                                           | 297.1       | 324.2       | 356.3       | 384.7       | 389.5       | 368.9       | 333.7       | 295.4                 | 269.7       |
| 62,5°                              | 286.9                 | 315.3      | 307.8       | 295.1                                           | 308.6       | 343.0       | 371.4       | 388.3       | 374.0       | 327.5       | 286.9       | 271.6                 | 282.6       |
| 65,0°                              | 317.6                 | 358.3      | 342.3       | 316.4                                           | 330.0       | 366.6       | 387.6       | 385.2       | 343.7       | 283.6       | 257.0       | 262.7                 | 257.4       |
| 67,5°                              | 415.5                 | 469.6      | 451.1       | 412.1                                           | 401.5       | 411.4       | 411.9       | 379.6       | 308.1       | 243.4       | 229.9       | 223.3                 | 170.3       |
| 70,0°                              | 474.0                 | 505.9      | 521.5       | 558.0                                           | 618.8       | 612.6       | 501.5       | 376.0       | 249.0       | 200.9       | 208.1       | 134.9                 | 52.2        |
| 72,5°                              | 359.4                 | 385.8      | 467.5       | 612.6                                           | 774.9       | 856.4       | 739.2       | 430.1       | 208.5       | 215.7       | 123.1       | 38.5                  | 28.0        |
| 75,0°                              | 217.0                 | 235.1      | 244.0       | 284.5                                           | 439.0       | 598.5       | 574.8       | 446.3       | 365.7       | 173.9       | 47.3        | 23.6                  | 20.9        |
| 77,5°                              | 84.6                  | 127.6      | 114.0       | 114.9                                           | 138.6       | 182.9       | 201.9       | 296.7       | 316.9       | 127.3       | 20.5        | 18.5                  | 15.7        |
| 80,0°                              | 25.9                  | 36.3       | 41.1        | 42.9                                            | 45.7        | 50.6        | 56.5        | 68.3        | 62.6        | 24.9        | 14.8        | 12.0                  | 10.8        |
| 82,5°                              | 6.9                   | 8.1        | 10.0        | 11.8                                            | 13.7        | 15.5        | 15.0        | 11.3        | 10.2        | 7.8         | 6.8         | 7.0                   | 6.3         |
| 85,0°                              | 2.5                   | 2.4        | 2.2         | 2.1                                             | 2.3         | 2.4         | 2.6         | 2.2         | 2.1         | 2.1         | 2.8         | 2.6                   | 3.0         |
| 87,5°                              | 1.3                   | 1.2        | 1.1         | 1.1                                             | 1.0         | 1.0         | 0.9         | 0.9         | 0.9         | 0.8         | 0.8         | 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         |

Lichttechnischer Prüfbefund

| Familie                         |                       |             |             | Bestell-Nr.: 5XE3U31U08NB |            |       |              |              |              |              |              | LP-Nummer            |              |        |
|---------------------------------|-----------------------|-------------|-------------|---------------------------|------------|-------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------|
| Streetlight 21 midi LED         |                       |             |             | EAN: 4069025150905        |            |       |              |              |              |              |              | 59537_19             |              |        |
| 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°                            | 235.6                 | 235.6       | 235.6       | 235.6                     | 235.6      | 235.6 | 235.6        | 235.6        | 235.6        | 235.6        | 235.6        | 235.6                | 235.6        |        |
| 2,5°                            | 242.1                 | 242.7       | 242.9       | 243.3                     | 243.6      | 243.6 | 233.9        | 232.6        | 232.1        | 231.5        | 230.4        | 229.4                | 228.4        |        |
| 5,0°                            | 253.1                 | 253.8       | 254.4       | 255.1                     | 255.4      | 255.6 | 232.8        | 230.9        | 228.4        | 226.2        | 223.7        | 221.9                | 220.0        |        |
| 7,5°                            | 263.4                 | 264.5       | 265.3       | 266.1                     | 266.5      | 266.8 | 232.3        | 228.5        | 224.9        | 221.8        | 218.5        | 216.0                | 213.6        |        |
| 10,0°                           | 272.2                 | 273.3       | 274.4       | 274.8                     | 275.3      | 275.4 | 231.7        | 226.3        | 221.9        | 217.7        | 213.9        | 210.7                | 208.5        |        |
| 12,5°                           | 280.0                 | 280.4       | 281.1       | 281.0                     | 281.6      | 281.7 | 231.8        | 225.0        | 219.1        | 214.2        | 210.0        | 207.1                | 205.4        |        |
| 15,0°                           | 284.9                 | 284.8       | 284.7       | 284.5                     | 284.6      | 284.3 | 231.7        | 223.6        | 216.8        | 211.0        | 206.9        | 204.3                | 202.7        |        |
| 17,5°                           | 287.8                 | 286.8       | 286.2       | 285.8                     | 285.7      | 285.6 | 231.9        | 222.1        | 214.2        | 208.2        | 204.3        | 201.6                | 199.7        |        |
| 20,0°                           | 289.1                 | 287.5       | 286.1       | 285.1                     | 284.6      | 284.7 | 232.2        | 220.9        | 211.9        | 205.8        | 202.1        | 199.5                | 195.9        |        |
| 22,5°                           | 289.6                 | 286.9       | 284.9       | 283.4                     | 282.6      | 282.7 | 231.3        | 219.0        | 209.4        | 203.8        | 200.0        | 196.1                | 190.4        |        |
| 25,0°                           | 289.7                 | 287.1       | 284.7       | 282.7                     | 281.6      | 281.8 | 230.9        | 217.2        | 207.0        | 201.2        | 197.0        | 190.8                | 184.6        |        |
| 27,5°                           | 290.7                 | 288.1       | 285.3       | 283.5                     | 282.2      | 282.4 | 231.0        | 215.8        | 204.8        | 198.3        | 192.1        | 183.6                | 175.8        |        |
| 30,0°                           | 292.7                 | 290.3       | 287.4       | 284.9                     | 283.3      | 283.3 | 231.9        | 215.2        | 203.1        | 195.6        | 186.4        | 175.5                | 165.7        |        |
| 32,5°                           | 296.9                 | 294.2       | 290.9       | 288.1                     | 286.8      | 286.7 | 233.9        | 215.1        | 201.6        | 192.3        | 179.1        | 165.3                | 151.3        |        |
| 35,0°                           | 303.7                 | 300.3       | 297.0       | 294.1                     | 292.8      | 292.6 | 234.2        | 214.0        | 199.0        | 187.8        | 170.8        | 152.9                | 133.6        |        |
| 37,5°                           | 312.8                 | 310.0       | 307.3       | 304.8                     | 303.4      | 303.2 | 232.9        | 211.7        | 195.9        | 181.7        | 161.4        | 139.5                | 117.8        |        |
| 40,0°                           | 327.4                 | 326.6       | 326.1       | 323.7                     | 322.3      | 322.6 | 230.5        | 207.6        | 190.1        | 173.9        | 150.8        | 126.1                | 104.7        |        |
| 42,5°                           | 348.4                 | 350.5       | 351.2       | 347.7                     | 345.8      | 345.6 | 225.6        | 199.9        | 180.2        | 161.5        | 137.5        | 113.5                | 93.3         |        |
| 45,0°                           | 376.2                 | 379.7       | 381.2       | 379.7                     | 377.9      | 378.1 | 221.9        | 191.8        | 167.6        | 144.8        | 121.9        | 102.0                | 82.5         |        |
| 47,5°                           | 401.7                 | 405.0       | 405.0       | 402.3                     | 399.3      | 399.3 | 220.2        | 184.5        | 154.2        | 125.7        | 104.8        | 91.2                 | 73.0         |        |
| 50,0°                           | 414.0                 | 405.7       | 397.5       | 391.6                     | 388.9      | 389.3 | 222.4        | 181.7        | 144.5        | 107.3        | 87.9         | 79.1                 | 65.2         |        |
| 52,5°                           | 392.1                 | 370.1       | 354.6       | 348.1                     | 346.3      | 348.2 | 226.1        | 181.6        | 137.5        | 92.3         | 73.1         | 67.3                 | 60.3         |        |
| 55,0°                           | 337.6                 | 304.9       | 283.0       | 272.8                     | 269.0      | 270.9 | 229.7        | 182.1        | 133.7        | 80.5         | 60.8         | 58.1                 | 58.1         |        |
| 57,5°                           | 271.5                 | 242.0       | 225.0       | 215.8                     | 207.8      | 205.0 | 230.4        | 179.6        | 129.0        | 73.2         | 51.8         | 51.4                 | 55.3         |        |
| 60,0°                           | 264.0                 | 271.2       | 273.1       | 272.9                     | 277.8      | 285.6 | 230.7        | 177.3        | 127.7        | 71.4         | 48.1         | 45.8                 | 51.3         |        |
| 62,5°                           | 283.7                 | 274.7       | 259.6       | 225.0                     | 192.5      | 183.4 | 228.9        | 175.1        | 126.4        | 72.1         | 48.4         | 43.7                 | 47.7         |        |
| 65,0°                           | 232.6                 | 164.2       | 111.7       | 100.7                     | 94.0       | 92.0  | 241.4        | 180.8        | 126.6        | 74.4         | 50.7         | 43.6                 | 43.9         |        |
| 67,5°                           | 86.7                  | 59.5        | 51.2        | 47.7                      | 44.6       | 43.8  | 302.9        | 202.7        | 126.9        | 77.2         | 53.7         | 43.0                 | 39.8         |        |
| 70,0°                           | 35.6                  | 31.0        | 29.1        | 29.3                      | 28.4       | 28.3  | 402.8        | 263.5        | 138.3        | 85.7         | 56.7         | 39.7                 | 35.3         |        |
| 72,5°                           | 25.1                  | 23.4        | 22.0        | 22.1                      | 21.3       | 21.1  | 380.0        | 288.0        | 191.6        | 118.1        | 56.9         | 34.6                 | 30.1         |        |
| 75,0°                           | 19.2                  | 17.9        | 16.9        | 16.8                      | 16.3       | 16.0  | 178.4        | 166.7        | 153.9        | 124.4        | 50.5         | 28.1                 | 24.5         |        |
| 77,5°                           | 13.8                  | 13.2        | 12.3        | 11.9                      | 11.7       | 11.6  | 58.4         | 60.7         | 56.1         | 51.7         | 29.3         | 20.7                 | 18.3         |        |
| 80,0°                           | 9.4                   | 9.1         | 8.0         | 7.4                       | 7.2        | 7.1   | 17.6         | 17.5         | 18.3         | 20.2         | 13.8         | 11.8                 | 11.5         |        |
| 82,5°                           | 5.4                   | 5.0         | 4.4         | 4.2                       | 4.0        | 3.9   | 5.6          | 5.5          | 5.2          | 6.9          | 6.1          | 6.0                  | 5.6          |        |
| 85,0°                           | 2.4                   | 2.2         | 1.8         | 1.7                       | 1.6        | 1.5   | 2.6          | 2.6          | 2.7          | 2.7          | 2.7          | 2.6                  | 2.4          |        |
| 87,5°                           | 0.7                   | 0.7         | 0.7         | 0.7                       | 0.7        | 0.7   | 1.4          | 1.4          | 1.5          | 1.5          | 1.6          | 1.5                  | 1.4          |        |
| 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          |        |

Lichttechnischer Prüfbefund

| Familie<br>Streetlight 21 midi LED |                       |              |              | Bestell-Nr.: 5XE3U31U08NB<br>EAN: 4069025150905 |              |              |              |              |              |              |       | LP-Nummer<br>59537_19 |                   |
|------------------------------------|-----------------------|--------------|--------------|-------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-----------------------|-------------------|
| Wertetabelle Lichtstärkemessung    |                       |              |              |                                                 |              |              |              |              |              |              |       | siteco                |                   |
| C-<br>Ebenen                       | 220°<br>320°          | 225°<br>315° | 230°<br>310° | 235°<br>305°                                    | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270°  | Phi-Zone              | Summe<br>Phi-Zone |
| γ                                  | Lichtstärke in cd/klm |              |              |                                                 |              |              |              |              |              |              |       | Lichtstrom in lm/klm  |                   |
| 0,0°                               | 235.6                 | 235.6        | 235.6        | 235.6                                           | 235.6        | 235.6        | 235.6        | 235.6        | 235.6        | 235.6        | 235.6 | 0.4                   | 0.4               |
| 2,5°                               | 227.4                 | 226.8        | 226.2        | 225.5                                           | 225.0        | 224.7        | 224.4        | 224.1        | 224.0        | 223.9        | 223.9 | 2.8                   | 3.1               |
| 5,0°                               | 218.1                 | 217.3        | 216.1        | 214.8                                           | 213.9        | 213.4        | 213.2        | 212.8        | 212.6        | 212.6        | 212.5 | 5.6                   | 8.7               |
| 7,5°                               | 211.6                 | 210.3        | 209.1        | 208.2                                           | 207.6        | 207.5        | 207.3        | 207.2        | 207.2        | 207.3        | 207.2 | 8.4                   | 17.1              |
| 10,0°                              | 207.0                 | 206.1        | 205.5        | 205.1                                           | 204.9        | 204.7        | 204.6        | 204.9        | 205.0        | 205.1        | 205.0 | 11.2                  | 28.3              |
| 12,5°                              | 204.1                 | 203.5        | 203.0        | 202.4                                           | 201.7        | 200.9        | 200.0        | 199.6        | 199.3        | 199.3        | 199.1 | 14.1                  | 42.5              |
| 15,0°                              | 201.6                 | 200.3        | 198.8        | 196.6                                           | 194.9        | 193.4        | 192.0        | 190.9        | 190.4        | 190.3        | 190.1 | 16.9                  | 59.4              |
| 17,5°                              | 197.6                 | 194.5        | 191.9        | 189.0                                           | 186.6        | 184.3        | 181.5        | 179.0        | 177.3        | 175.8        | 175.4 | 19.6                  | 79.0              |
| 20,0°                              | 191.3                 | 187.9        | 184.5        | 181.4                                           | 176.1        | 171.1        | 166.9        | 163.7        | 161.5        | 160.3        | 159.8 | 22.1                  | 101.1             |
| 22,5°                              | 185.4                 | 180.9        | 176.0        | 169.2                                           | 162.6        | 157.4        | 153.6        | 151.3        | 149.9        | 149.1        | 148.8 | 24.5                  | 125.6             |
| 25,0°                              | 178.6                 | 171.8        | 163.2        | 156.0                                           | 150.1        | 146.1        | 143.5        | 142.0        | 141.0        | 140.4        | 140.3 | 26.8                  | 152.4             |
| 27,5°                              | 168.5                 | 157.6        | 148.3        | 141.8                                           | 137.3        | 134.4        | 133.2        | 132.8        | 132.7        | 132.6        | 132.8 | 29.0                  | 181.4             |
| 30,0°                              | 153.4                 | 141.7        | 133.3        | 127.7                                           | 125.4        | 125.3        | 126.7        | 128.6        | 130.2        | 131.1        | 131.4 | 31.2                  | 212.6             |
| 32,5°                              | 135.3                 | 124.0        | 116.0        | 113.0                                           | 114.6        | 119.0        | 124.7        | 129.0        | 131.2        | 131.8        | 132.0 | 33.4                  | 246.0             |
| 35,0°                              | 117.2                 | 104.7        | 97.8         | 98.8                                            | 106.1        | 114.2        | 119.2        | 121.3        | 120.9        | 119.8        | 119.3 | 35.4                  | 281.4             |
| 37,5°                              | 100.8                 | 87.9         | 83.5         | 88.3                                            | 95.8         | 100.2        | 101.2        | 100.7        | 99.3         | 97.6         | 96.9  | 37.0                  | 318.4             |
| 40,0°                              | 86.5                  | 75.2         | 74.8         | 79.6                                            | 81.5         | 81.7         | 80.8         | 77.9         | 74.4         | 72.0         | 71.1  | 38.7                  | 357.1             |
| 42,5°                              | 75.9                  | 69.2         | 71.0         | 71.3                                            | 71.3         | 70.4         | 67.5         | 65.1         | 63.3         | 62.1         | 61.6  | 40.7                  | 397.8             |
| 45,0°                              | 68.4                  | 67.4         | 67.8         | 67.4                                            | 67.1         | 64.5         | 62.3         | 60.7         | 59.5         | 58.6         | 58.2  | 43.2                  | 441.0             |
| 47,5°                              | 64.9                  | 65.9         | 65.1         | 65.4                                            | 62.7         | 59.6         | 58.0         | 56.9         | 55.9         | 55.1         | 54.7  | 45.5                  | 486.5             |
| 50,0°                              | 63.3                  | 63.8         | 63.9         | 61.7                                            | 57.5         | 55.3         | 54.2         | 53.1         | 52.2         | 51.6         | 51.4  | 47.0                  | 533.6             |
| 52,5°                              | 63.3                  | 61.9         | 60.9         | 57.4                                            | 53.5         | 51.9         | 50.9         | 50.0         | 49.2         | 48.7         | 48.7  | 47.3                  | 580.8             |
| 55,0°                              | 61.7                  | 58.2         | 57.1         | 52.8                                            | 49.6         | 48.4         | 47.5         | 46.8         | 46.3         | 46.2         | 46.3  | 45.9                  | 626.7             |
| 57,5°                              | 55.9                  | 54.2         | 53.1         | 48.0                                            | 45.6         | 44.6         | 44.2         | 43.6         | 43.3         | 43.2         | 43.3  | 43.9                  | 670.6             |
| 60,0°                              | 50.9                  | 51.2         | 49.0         | 43.8                                            | 42.0         | 41.0         | 41.0         | 41.3         | 41.4         | 41.3         | 41.4  | 45.6                  | 716.2             |
| 62,5°                              | 47.0                  | 48.1         | 45.1         | 40.5                                            | 38.9         | 37.8         | 37.7         | 37.0         | 36.3         | 36.2         | 36.6  | 44.9                  | 761.1             |
| 65,0°                              | 43.3                  | 45.0         | 42.0         | 38.3                                            | 36.9         | 35.6         | 34.7         | 32.8         | 31.3         | 30.9         | 31.2  | 42.1                  | 803.2             |
| 67,5°                              | 39.5                  | 41.3         | 38.8         | 36.8                                            | 35.8         | 34.1         | 30.8         | 27.7         | 26.5         | 26.2         | 26.5  | 42.5                  | 845.7             |
| 70,0°                              | 35.4                  | 36.0         | 34.3         | 34.0                                            | 33.6         | 31.2         | 25.9         | 21.9         | 20.1         | 19.3         | 19.1  | 46.5                  | 892.2             |
| 72,5°                              | 29.4                  | 29.7         | 29.0         | 29.6                                            | 29.0         | 25.6         | 19.2         | 15.4         | 13.8         | 12.9         | 12.7  | 48.7                  | 940.9             |
| 75,0°                              | 23.6                  | 23.4         | 23.0         | 23.9                                            | 24.0         | 20.0         | 13.7         | 10.2         | 9.1          | 8.2          | 8.1   | 34.4                  | 975.3             |
| 77,5°                              | 17.7                  | 16.7         | 16.1         | 17.0                                            | 17.6         | 14.4         | 8.7          | 6.1          | 4.9          | 4.0          | 3.8   | 16.7                  | 992.0             |
| 80,0°                              | 11.2                  | 10.2         | 9.2          | 9.6                                             | 10.6         | 8.1          | 5.1          | 3.3          | 2.2          | 1.4          | 1.2   | 5.4                   | 997.4             |
| 82,5°                              | 5.5                   | 5.0          | 4.3          | 4.0                                             | 4.7          | 3.8          | 2.6          | 1.8          | 1.2          | 0.8          | 0.7   | 1.7                   | 999.2             |
| 85,0°                              | 2.3                   | 2.1          | 1.8          | 1.6                                             | 1.5          | 1.2          | 1.0          | 0.8          | 0.7          | 0.6          | 0.5   | 0.6                   | 999.7             |
| 87,5°                              | 1.3                   | 1.2          | 1.1          | 1.0                                             | 0.8          | 0.8          | 0.7          | 0.6          | 0.5          | 0.5          | 0.5   | 0.3                   | 1000.0            |
| 90,0°                              | 0.0                   | 0.0          | 0.0          | 0.0                                             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                   | 1000.0            |

Lichttechnischer Prüfbefund

|                                                     |                                                               |                                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Familie</b><br><b>Streetlight 21 midi LED</b>    | <b>Bestell-Nr.: 5XE3U31U08NB</b><br><b>EAN: 4069025150905</b> | <b>LP-Nummer</b><br><b>59537_19</b>                                                 |
| <b>Dimmstufen-Tabelle</b> Umgebungstemperatur: 25°C |                                                               |  |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 21740           | 136.6                                | 143.6                              | 140.1                           |
| 95             | 241              | 252                     | 20627           | 128.0                                | 134.4                              | 131.2                           |
| 90             | 229              | 250                     | 19600           | 120.3                                | 126.2                              | 123.2                           |
| 85             | 216              | 248                     | 18488           | 112.0                                | 117.6                              | 114.8                           |
| 80             | 203              | 246                     | 17375           | 104.0                                | 109.1                              | 106.6                           |
| 75             | 190              | 243                     | 16262           | 96.3                                 | 101.0                              | 98.6                            |
| 70             | 178              | 241                     | 15235           | 89.3                                 | 93.7                               | 91.5                            |
| 65             | 165              | 238                     | 14122           | 82.0                                 | 86.0                               | 84.0                            |
| 60             | 152              | 235                     | 13010           | 74.8                                 | 78.5                               | 76.6                            |
| 55             | 140              | 232                     | 11983           | 68.3                                 | 71.6                               | 69.9                            |
| 50             | 127              | 229                     | 10870           | 61.4                                 | 64.3                               | 62.8                            |
| 45             | 114              | 225                     | 9757            | 54.6                                 | 57.3                               | 56.0                            |
| 40             | 102              | 221                     | 8730            | 48.5                                 | 50.8                               | 49.6                            |
| 35             | 89               | 216                     | 7618            | 42.0                                 | 44.0                               | 43.0                            |
| 30             | 76               | 210                     | 6505            | 35.7                                 | 37.3                               | 36.5                            |
| 25             | 63               | 203                     | 5392            | 29.6                                 | 30.8                               | 30.2                            |
| 20             | 51               | 195                     | 4365            | 23.9                                 | 25.0                               | 24.4                            |
| 15             | 38               | 184                     | 3252            | 18.1                                 | 18.9                               | 18.5                            |
| 10             | 25               | 169                     | 2140            | 12.3                                 | 12.8                               | 12.6                            |

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

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 21740           | 133.6                                | 138.1                              | 135.8                           |
| 95             | 241              | 252                     | 20627           | 125.4                                | 129.6                              | 127.5                           |
| 90             | 229              | 250                     | 19600           | 118.0                                | 122.0                              | 120.0                           |
| 85             | 216              | 248                     | 18487           | 110.2                                | 113.9                              | 112.0                           |
| 80             | 203              | 246                     | 17374           | 102.6                                | 106.0                              | 104.3                           |
| 75             | 191              | 244                     | 16347           | 95.7                                 | 98.9                               | 97.3                            |
| 70             | 178              | 241                     | 15235           | 88.5                                 | 91.3                               | 89.9                            |
| 65             | 165              | 238                     | 14122           | 81.3                                 | 83.9                               | 82.6                            |
| 60             | 152              | 235                     | 13009           | 74.3                                 | 76.7                               | 75.5                            |
| 55             | 140              | 232                     | 11982           | 67.9                                 | 70.1                               | 69.0                            |
| 50             | 127              | 229                     | 10870           | 61.2                                 | 63.1                               | 62.2                            |
| 45             | 114              | 225                     | 9757            | 54.5                                 | 56.2                               | 55.4                            |
| 40             | 102              | 221                     | 8730            | 48.5                                 | 50.1                               | 49.3                            |
| 35             | 89               | 216                     | 7617            | 42.1                                 | 43.4                               | 42.8                            |
| 30             | 76               | 210                     | 6505            | 35.7                                 | 36.9                               | 36.3                            |
| 25             | 64               | 204                     | 5478            | 30.0                                 | 31.0                               | 30.5                            |
| 20             | 51               | 195                     | 4365            | 24.0                                 | 24.8                               | 24.4                            |
| 15             | 38               | 184                     | 3252            | 18.2                                 | 18.7                               | 18.4                            |
| 10             | 26               | 171                     | 2225            | 12.8                                 | 13.2                               | 13.0                            |

Lichttechnischer Prüfbefund

|                                    |                                                 |                           |
|------------------------------------|-------------------------------------------------|---------------------------|
| Familie<br>Streetlight 21 midi LED | Bestell-Nr.: 5XE3U31U08NB<br>EAN: 4069025150905 | LP-Nummer<br>59537_19     |
| Dimmstufen-Tabelle                 |                                                 | Umgebungstemperatur: 15°C |
|                                    |                                                 | siteco                    |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 21740           | 134.8                                | 140.4                              | 137.6                           |
| 95             | 241              | 252                     | 20627           | 126.4                                | 131.6                              | 129.0                           |
| 90             | 229              | 250                     | 19600           | 118.8                                | 123.7                              | 121.2                           |
| 85             | 216              | 248                     | 18487           | 110.9                                | 115.4                              | 113.2                           |
| 80             | 203              | 246                     | 17374           | 103.1                                | 107.3                              | 105.2                           |
| 75             | 191              | 244                     | 16347           | 96.2                                 | 100.1                              | 98.2                            |
| 70             | 178              | 241                     | 15235           | 88.8                                 | 92.3                               | 90.6                            |
| 65             | 165              | 238                     | 14122           | 81.5                                 | 84.8                               | 83.2                            |
| 60             | 152              | 235                     | 13009           | 74.5                                 | 77.4                               | 76.0                            |
| 55             | 140              | 232                     | 11982           | 68.0                                 | 70.7                               | 69.4                            |
| 50             | 127              | 229                     | 10870           | 61.2                                 | 63.6                               | 62.4                            |
| 45             | 114              | 225                     | 9757            | 54.5                                 | 56.7                               | 55.6                            |
| 40             | 102              | 221                     | 8730            | 48.5                                 | 50.4                               | 49.4                            |
| 35             | 89               | 216                     | 7617            | 41.9                                 | 43.6                               | 42.8                            |
| 30             | 76               | 210                     | 6505            | 35.7                                 | 37.0                               | 36.4                            |
| 25             | 64               | 204                     | 5478            | 30.0                                 | 31.1                               | 30.6                            |
| 20             | 51               | 195                     | 4365            | 24.0                                 | 24.9                               | 24.4                            |
| 15             | 38               | 184                     | 3252            | 18.1                                 | 18.7                               | 18.4                            |
| 10             | 26               | 171                     | 2225            | 12.8                                 | 13.2                               | 13.0                            |

Lichttechnischer Prüfbefund

|                                                  |                                                               |                                     |
|--------------------------------------------------|---------------------------------------------------------------|-------------------------------------|
| <b>Familie</b><br><b>Streetlight 21 midi LED</b> | <b>Bestell-Nr.: 5XE3U31U08NB</b><br><b>EAN: 4069025150905</b> | <b>LP-Nummer</b><br><b>59537_19</b> |
| <b>Lichtstrom-Tabelle</b>                        |                                                               | <b>siteco</b>                       |

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 25.0             | 21740.0          | 136.6               |
| 5.0              | 21740.0          | 133.6               |
| 15.0             | 21740.0          | 134.8               |