

## Photometric test report

**Family**  
**Streetlight 31 mini toolless**

**Order number: 5XH613AA08GA**  
**EAN: 4069025513564**

**LP number**  
**59800\_3390**



**Version** post-top or side-entry mounting  
**Optic** asymmetric distribution (PL32)  
**Cover** toughened safety glass  
**Lamps** LED 3000 K | CRI ≥ 70  
**Controlgear** ECG SITECO  
**Rated values** Net luminous flux = 5800 lm  
 Power consumption = 37.3 W  
 Luminous efficacy = 155.5 lm/W

**serial**  
**documentation**  
**25.08.2025**

**siteco**

**Luminous intensity in cd/klm**

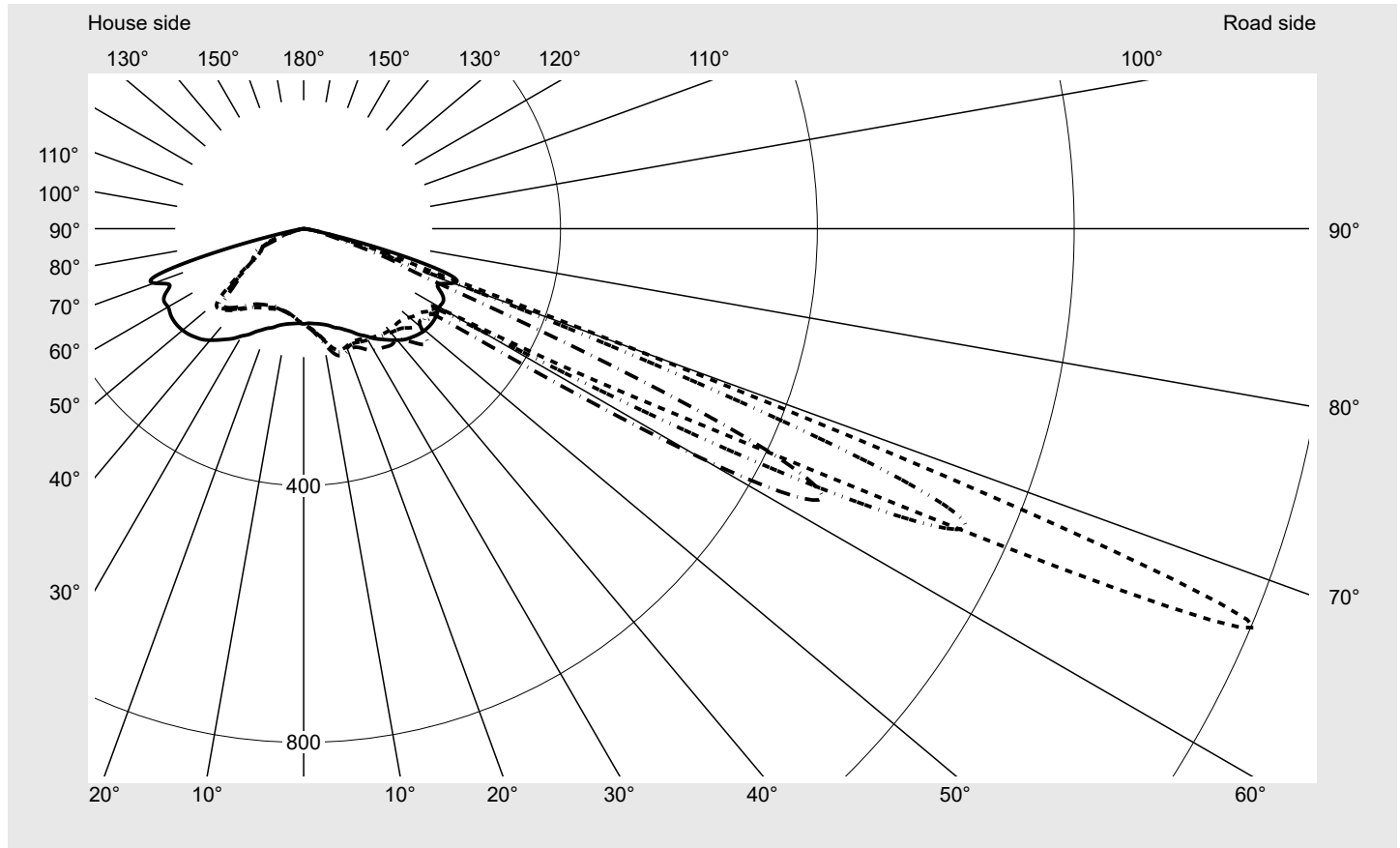
**C180-0**

**C245-65**

**C250-70**

**C270-90**

**Imax: 1590 cd/klm**



### Luminaire output ratios

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

### Luminous intensity class acc. to EN13201-2

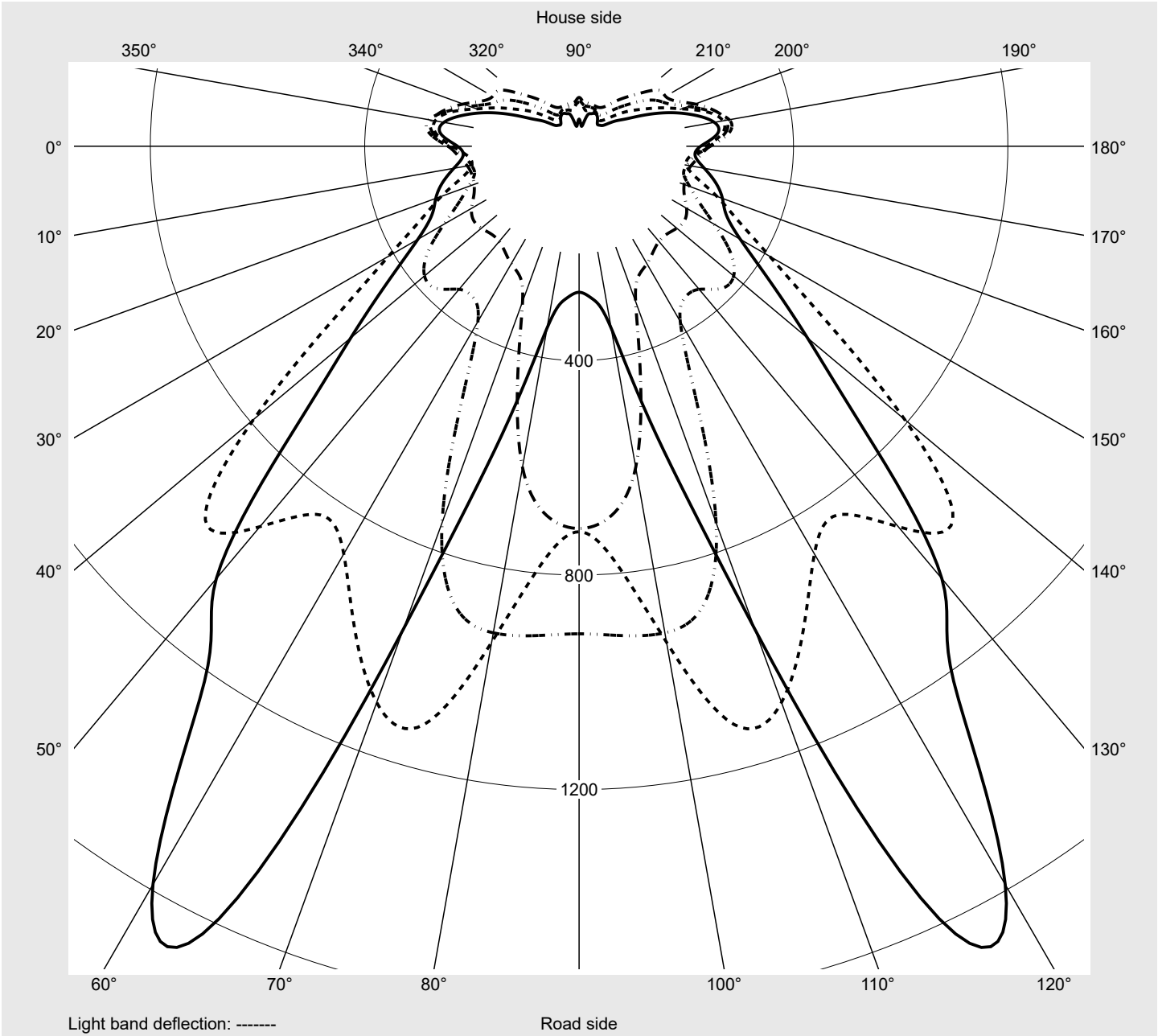
|           |       |
|-----------|-------|
| Class:    | G3    |
| Imax 70°  | 732.5 |
| Imax 80°  | 42.5  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

### Measurement conditions

DIN EN 13032 and DIN 5032

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|                                        |                                                  |                         |
|----------------------------------------|--------------------------------------------------|-------------------------|
| Family<br>Streetlight 31 mini toolless | Order number: 5XH613AA08GA<br>EAN: 4069025513564 | LP number<br>59800_3390 |
| Envelope curve in cd/klm               |                                                  | siteco                  |



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|                                          |                              |                                                  |             |             |             |             |             |             |             |                            |             |                         |             |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------------|-------------|-------------------------|-------------|
| Family<br>Streetlight 31 mini toolless   |                              | Order number: 5XH613AA08GA<br>EAN: 4069025513564 |             |             |             |             |             |             |             |                            |             | LP number<br>59800_3390 |             |
| Table of values for luminous intensities |                              |                                                  |             |             |             |             |             |             |             | Maximum luminous intensity |             | siteco                  |             |
| C-<br>planes                             | 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                                        | Luminous intensity in cd/klm |                                                  |             |             |             |             |             |             |             |                            |             |                         |             |
| 0,0°                                     | 148.3                        | 148.3                                            | 148.3       | 148.3       | 148.3       | 148.3       | 148.3       | 148.3       | 148.3       | 148.3                      | 148.3       | 148.3                   | 148.3       |
| 2,5°                                     | 147.5                        | 147.7                                            | 148.2       | 148.8       | 149.3       | 149.7       | 150.1       | 150.5       | 151.0       | 151.2                      | 151.6       | 152.0                   | 152.3       |
| 5,0°                                     | 148.1                        | 148.8                                            | 149.6       | 150.5       | 151.5       | 152.4       | 153.2       | 153.9       | 154.7       | 155.3                      | 155.9       | 156.5                   | 157.1       |
| 7,5°                                     | 149.3                        | 150.3                                            | 151.6       | 152.8       | 154.2       | 155.5       | 156.6       | 157.8       | 159.2       | 160.4                      | 161.7       | 162.9                   | 164.0       |
| 10,0°                                    | 150.8                        | 152.3                                            | 153.6       | 155.1       | 156.9       | 158.6       | 160.3       | 162.3       | 164.5       | 166.7                      | 168.7       | 170.7                   | 172.7       |
| 12,5°                                    | 153.2                        | 154.9                                            | 156.6       | 158.7       | 161.0       | 163.3       | 165.3       | 167.1       | 169.4       | 172.2                      | 175.8       | 179.6                   | 183.1       |
| 15,0°                                    | 156.6                        | 158.5                                            | 160.8       | 163.5       | 166.3       | 169.0       | 171.4       | 173.6       | 175.7       | 177.6                      | 180.4       | 185.5                   | 191.1       |
| 17,5°                                    | 161.5                        | 163.7                                            | 165.7       | 168.4       | 171.4       | 174.3       | 177.0       | 179.5       | 181.8       | 183.8                      | 185.5       | 187.5                   | 192.4       |
| 20,0°                                    | 165.1                        | 168.5                                            | 171.0       | 174.1       | 176.3       | 178.8       | 181.5       | 183.8       | 186.0       | 187.6                      | 188.7       | 189.3                   | 190.8       |
| 22,5°                                    | 170.7                        | 173.7                                            | 176.7       | 179.6       | 182.3       | 183.8       | 185.7       | 187.4       | 188.8       | 189.6                      | 190.1       | 190.2                   | 190.2       |
| 25,0°                                    | 177.2                        | 180.3                                            | 182.5       | 185.8       | 188.3       | 189.3       | 190.1       | 191.0       | 191.1       | 191.4                      | 191.6       | 192.0                   | 191.8       |
| 27,5°                                    | 185.9                        | 187.9                                            | 189.7       | 191.7       | 194.6       | 195.2       | 194.7       | 194.3       | 194.0       | 193.7                      | 193.9       | 193.9                   | 193.7       |
| 30,0°                                    | 193.0                        | 195.9                                            | 197.3       | 198.4       | 199.8       | 200.4       | 199.0       | 197.8       | 197.0       | 196.3                      | 196.3       | 195.7                   | 195.6       |
| 32,5°                                    | 202.5                        | 203.8                                            | 204.8       | 205.0       | 204.9       | 205.6       | 203.7       | 201.6       | 199.4       | 198.4                      | 198.6       | 198.6                   | 199.0       |
| 35,0°                                    | 210.3                        | 211.7                                            | 211.9       | 210.9       | 210.1       | 210.0       | 208.0       | 204.8       | 201.9       | 200.3                      | 200.6       | 200.9                   | 201.8       |
| 37,5°                                    | 218.4                        | 218.5                                            | 218.4       | 216.2       | 214.8       | 213.6       | 210.9       | 207.5       | 204.3       | 202.5                      | 202.1       | 202.7                   | 204.0       |
| 40,0°                                    | 226.6                        | 225.1                                            | 223.4       | 220.3       | 218.2       | 215.7       | 213.8       | 210.8       | 207.0       | 204.7                      | 204.0       | 204.1                   | 205.2       |
| 42,5°                                    | 233.9                        | 229.3                                            | 226.2       | 222.7       | 220.0       | 216.1       | 214.2       | 213.0       | 209.1       | 206.7                      | 205.1       | 204.2                   | 205.2       |
| 45,0°                                    | 238.8                        | 233.5                                            | 229.0       | 224.6       | 221.7       | 216.2       | 212.8       | 211.8       | 211.0       | 208.6                      | 204.5       | 203.3                   | 204.4       |
| 47,5°                                    | 243.2                        | 236.1                                            | 230.3       | 225.1       | 221.5       | 216.3       | 212.1       | 210.9       | 212.5       | 209.4                      | 204.2       | 202.8                   | 204.8       |
| 50,0°                                    | 246.0                        | 237.2                                            | 229.9       | 225.1       | 220.2       | 215.7       | 212.4       | 211.6       | 213.0       | 212.0                      | 205.2       | 203.7                   | 207.3       |
| 52,5°                                    | 247.8                        | 236.6                                            | 228.3       | 223.7       | 218.6       | 215.2       | 213.5       | 211.8       | 210.7       | 212.9                      | 207.8       | 206.9                   | 211.4       |
| 55,0°                                    | 247.9                        | 234.2                                            | 225.4       | 219.4       | 216.5       | 215.7       | 216.1       | 213.7       | 212.2       | 214.1                      | 211.4       | 211.0                   | 218.0       |
| 57,5°                                    | 246.4                        | 228.9                                            | 221.1       | 214.7       | 212.3       | 214.4       | 219.6       | 220.1       | 220.0       | 219.1                      | 218.0       | 220.4                   | 228.4       |
| 60,0°                                    | 243.9                        | 225.0                                            | 211.8       | 206.9       | 208.6       | 216.7       | 231.6       | 240.5       | 237.9       | 231.7                      | 231.9       | 240.8                   | 253.2       |
| 62,5°                                    | 245.1                        | 216.4                                            | 204.0       | 202.1       | 219.7       | 247.1       | 291.2       | 344.6       | 376.5       | 375.3                      | 348.5       | 344.6                   | 377.6       |
| 65,0°                                    | 236.7                        | 208.7                                            | 203.4       | 226.2       | 273.6       | 326.7       | 410.6       | 554.3       | 792.9       | 986.2                      | 926.4       | 839.9                   | 878.2       |
| 67,5°                                    | 226.9                        | 217.7                                            | 237.4       | 264.1       | 284.6       | 303.0       | 347.4       | 430.5       | 556.2       | 758.6                      | 1053.1      | 1218.6                  | 1590.2      |
| 70,0°                                    | 247.8                        | 237.5                                            | 209.5       | 169.9       | 135.0       | 120.2       | 130.6       | 174.7       | 263.5       | 365.7                      | 478.5       | 659.1                   | 732.5       |
| 72,5°                                    | 237.4                        | 161.0                                            | 89.1        | 48.3        | 32.5        | 27.6        | 30.4        | 46.4        | 88.7        | 160.3                      | 213.7       | 229.6                   | 201.1       |
| 75,0°                                    | 143.2                        | 55.4                                             | 21.7        | 14.2        | 13.6        | 13.8        | 14.9        | 18.8        | 28.2        | 61.4                       | 101.5       | 106.9                   | 95.1        |
| 77,5°                                    | 47.8                         | 12.0                                             | 8.4         | 8.7         | 8.8         | 9.4         | 9.5         | 11.9        | 15.3        | 23.0                       | 44.7        | 49.6                    | 46.2        |
| 80,0°                                    | 13.7                         | 5.3                                              | 5.2         | 5.5         | 5.6         | 5.7         | 6.0         | 6.7         | 8.9         | 11.1                       | 18.7        | 22.1                    | 20.1        |
| 82,5°                                    | 3.8                          | 2.8                                              | 2.8         | 2.9         | 3.1         | 3.2         | 3.2         | 3.4         | 4.4         | 5.6                        | 6.8         | 8.0                     | 8.3         |
| 85,0°                                    | 1.2                          | 1.2                                              | 1.2         | 1.2         | 1.3         | 1.3         | 1.3         | 1.4         | 1.5         | 1.8                        | 1.8         | 2.0                     | 2.1         |
| 87,5°                                    | 0.6                          | 0.6                                              | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6                        | 0.6         | 0.6                     | 0.6         |
| 90,0°                                    | 0.0                          | 0.0                                              | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0                        | 0.0         | 0.0                     | 0.0         |

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|                                          |                              |                                                  |             |             |            |       |              |              |              |                            |              |                         |              |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|------------|-------|--------------|--------------|--------------|----------------------------|--------------|-------------------------|--------------|
| Family<br>Streetlight 31 mini toolless   |                              | Order number: 5XH613AA08GA<br>EAN: 4069025513564 |             |             |            |       |              |              |              |                            |              | LP number<br>59800_3390 |              |
| Table of values for luminous intensities |                              |                                                  |             |             |            |       |              |              |              | Maximum luminous intensity |              | sīTeco                  |              |
| C-<br>planes                             | 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                                        | Luminous intensity in cd/klm |                                                  |             |             |            |       |              |              |              |                            |              |                         |              |
| 0,0°                                     | 148.3                        | 148.3                                            | 148.3       | 148.3       | 148.3      | 148.3 | 148.3        | 148.3        | 148.3        | 148.3                      | 148.3        | 148.3                   | 148.3        |
| 2,5°                                     | 152.7                        | 153.0                                            | 153.2       | 153.2       | 153.4      | 153.5 | 147.3        | 146.7        | 146.6        | 146.4                      | 146.0        | 145.8                   | 145.7        |
| 5,0°                                     | 157.7                        | 158.3                                            | 158.9       | 159.4       | 159.7      | 159.8 | 147.5        | 146.6        | 145.9        | 145.4                      | 144.6        | 143.9                   | 143.4        |
| 7,5°                                     | 164.8                        | 165.6                                            | 166.6       | 167.6       | 168.5      | 168.9 | 148.1        | 146.7        | 145.7        | 144.6                      | 143.5        | 142.5                   | 141.5        |
| 10,0°                                    | 174.1                        | 175.2                                            | 176.1       | 177.8       | 179.7      | 180.5 | 149.0        | 147.3        | 145.9        | 144.4                      | 143.0        | 141.7                   | 140.4        |
| 12,5°                                    | 186.1                        | 188.0                                            | 188.5       | 190.1       | 192.9      | 194.3 | 150.8        | 148.8        | 147.0        | 145.2                      | 143.5        | 141.9                   | 140.2        |
| 15,0°                                    | 194.9                        | 198.0                                            | 198.7       | 199.3       | 202.4      | 204.2 | 154.3        | 152.0        | 150.0        | 147.7                      | 145.6        | 143.7                   | 141.8        |
| 17,5°                                    | 197.2                        | 200.0                                            | 201.4       | 200.6       | 203.1      | 205.6 | 158.6        | 155.9        | 153.1        | 150.5                      | 148.2        | 146.3                   | 144.5        |
| 20,0°                                    | 195.1                        | 197.8                                            | 199.4       | 199.1       | 199.8      | 202.0 | 161.7        | 159.2        | 156.4        | 153.9                      | 151.3        | 148.9                   | 146.6        |
| 22,5°                                    | 192.1                        | 194.9                                            | 196.8       | 197.2       | 198.2      | 200.5 | 166.8        | 164.9        | 162.7        | 159.7                      | 156.7        | 153.4                   | 150.1        |
| 25,0°                                    | 192.1                        | 195.5                                            | 198.7       | 199.8       | 200.6      | 204.2 | 174.1        | 171.6        | 170.1        | 166.6                      | 162.7        | 158.2                   | 153.9        |
| 27,5°                                    | 193.7                        | 197.8                                            | 203.2       | 205.9       | 206.1      | 212.2 | 182.4        | 180.0        | 177.2        | 174.5                      | 169.6        | 164.3                   | 158.6        |
| 30,0°                                    | 196.7                        | 200.2                                            | 207.1       | 210.2       | 209.8      | 218.5 | 190.8        | 188.8        | 185.8        | 181.5                      | 177.2        | 170.1                   | 163.2        |
| 32,5°                                    | 200.4                        | 202.9                                            | 207.4       | 209.5       | 209.7      | 221.2 | 199.9        | 198.2        | 195.3        | 190.2                      | 183.6        | 177.8                   | 169.1        |
| 35,0°                                    | 202.9                        | 205.8                                            | 207.0       | 209.1       | 210.0      | 224.4 | 209.9        | 208.8        | 206.0        | 200.2                      | 191.7        | 183.5                   | 177.5        |
| 37,5°                                    | 205.5                        | 207.9                                            | 208.8       | 209.9       | 211.5      | 226.8 | 219.1        | 219.1        | 216.5        | 210.2                      | 201.5        | 192.0                   | 184.1        |
| 40,0°                                    | 207.0                        | 211.0                                            | 212.6       | 213.1       | 218.3      | 225.8 | 228.5        | 229.5        | 227.3        | 220.6                      | 211.3        | 201.3                   | 193.2        |
| 42,5°                                    | 207.4                        | 214.2                                            | 217.3       | 222.1       | 232.8      | 235.9 | 237.6        | 239.8        | 238.5        | 230.8                      | 220.7        | 210.2                   | 201.3        |
| 45,0°                                    | 207.1                        | 218.9                                            | 229.5       | 232.8       | 249.5      | 253.7 | 244.8        | 249.2        | 248.9        | 240.5                      | 228.6        | 216.9                   | 207.7        |
| 47,5°                                    | 209.7                        | 228.2                                            | 240.7       | 241.1       | 256.8      | 261.3 | 251.4        | 257.6        | 256.9        | 247.5                      | 234.2        | 221.7                   | 212.8        |
| 50,0°                                    | 215.2                        | 234.1                                            | 242.8       | 237.7       | 238.9      | 238.1 | 257.2        | 265.4        | 263.4        | 251.7                      | 236.4        | 223.8                   | 214.8        |
| 52,5°                                    | 220.9                        | 235.8                                            | 236.6       | 229.8       | 233.4      | 232.8 | 261.7        | 271.8        | 267.6        | 251.8                      | 235.1        | 223.1                   | 213.7        |
| 55,0°                                    | 226.4                        | 234.2                                            | 231.6       | 229.7       | 237.8      | 239.0 | 266.0        | 276.0        | 268.4        | 248.8                      | 227.1        | 214.3                   | 207.5        |
| 57,5°                                    | 233.5                        | 241.3                                            | 246.5       | 256.4       | 286.3      | 304.6 | 270.1        | 278.4        | 265.8        | 240.1                      | 211.7        | 198.4                   | 196.3        |
| 60,0°                                    | 265.0                        | 308.4                                            | 442.0       | 608.3       | 691.7      | 713.1 | 273.1        | 279.1        | 259.9        | 230.0                      | 199.5        | 186.2                   | 181.8        |
| 62,5°                                    | 512.4                        | 747.5                                            | 889.7       | 921.7       | 916.4      | 909.5 | 280.5        | 284.4        | 253.3        | 217.1                      | 186.3        | 169.9                   | 148.4        |
| 65,0°                                    | 991.5                        | 1104.2                                           | 1116.7      | 939.4       | 778.8      | 719.2 | 267.7        | 272.8        | 247.1        | 203.7                      | 169.4        | 138.4                   | 114.7        |
| 67,5°                                    | 1590.2                       | 958.6                                            | 558.5       | 344.6       | 285.8      | 272.4 | 258.6        | 256.3        | 223.6        | 182.9                      | 139.3        | 102.3                   | 81.7         |
| 70,0°                                    | 537.1                        | 294.1                                            | 225.4       | 185.0       | 161.2      | 154.1 | 255.2        | 236.8        | 199.7        | 151.2                      | 100.0        | 71.6                    | 52.6         |
| 72,5°                                    | 165.8                        | 135.8                                            | 113.3       | 93.1        | 80.6       | 77.3  | 268.9        | 225.8        | 168.3        | 106.4                      | 67.9         | 42.9                    | 32.0         |
| 75,0°                                    | 81.3                         | 69.7                                             | 58.1        | 47.9        | 41.3       | 39.0  | 209.6        | 194.3        | 131.3        | 68.9                       | 39.4         | 24.4                    | 21.9         |
| 77,5°                                    | 41.1                         | 35.1                                             | 29.8        | 23.1        | 20.4       | 19.4  | 113.2        | 119.8        | 81.1         | 38.2                       | 18.0         | 12.0                    | 10.3         |
| 80,0°                                    | 19.4                         | 18.5                                             | 14.4        | 12.2        | 10.1       | 9.5   | 35.9         | 42.5         | 34.6         | 17.3                       | 8.0          | 5.5                     | 5.5          |
| 82,5°                                    | 9.4                          | 8.3                                              | 6.4         | 5.4         | 4.6        | 4.3   | 5.9          | 6.3          | 6.7          | 4.6                        | 3.1          | 2.9                     | 2.8          |
| 85,0°                                    | 2.8                          | 2.5                                              | 2.1         | 1.7         | 1.6        | 1.6   | 1.2          | 1.2          | 1.3          | 1.3                        | 1.2          | 1.2                     | 1.3          |
| 87,5°                                    | 0.6                          | 0.6                                              | 0.6         | 0.6         | 0.6        | 0.6   | 0.6          | 0.7          | 0.8          | 0.8                        | 0.8          | 0.8                     | 0.8          |
| 90,0°                                    | 0.0                          | 0.0                                              | 0.0         | 0.0         | 0.0        | 0.0   | 0.0          | 0.0          | 0.0          | 0.0                        | 0.0          | 0.0                     | 0.0          |

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|                                          |                              |                                                  |              |              |              |              |              |              |              |                            |                         |                         |                   |
|------------------------------------------|------------------------------|--------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------------|-------------------------|-------------------------|-------------------|
| Family<br>Streetlight 31 mini toolless   |                              | Order number: 5XH613AA08GA<br>EAN: 4069025513564 |              |              |              |              |              |              |              |                            |                         | LP number<br>59800_3390 |                   |
| Table of values for luminous intensities |                              |                                                  |              |              |              |              |              |              |              | Maximum luminous intensity |                         | sITeco                  |                   |
| C-<br>planes                             | 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                | Total<br>Phi-zone |
| γ                                        | Luminous intensity in cd/klm |                                                  |              |              |              |              |              |              |              |                            | Luminous flux in lm/klm |                         |                   |
| 0,0°                                     | 148.3                        | 148.3                                            | 148.3        | 148.3        | 148.3        | 148.3        | 148.3        | 148.3        | 148.3        | 148.3                      | 148.3                   | 0.2                     | 0.2               |
| 2,5°                                     | 145.4                        | 145.3                                            | 145.0        | 144.9        | 144.8        | 144.7        | 144.6        | 144.6        | 144.7        | 144.9                      | 144.9                   | 1.8                     | 2.0               |
| 5,0°                                     | 142.7                        | 142.2                                            | 141.7        | 141.3        | 140.9        | 140.6        | 140.4        | 140.3        | 140.3        | 140.3                      | 140.3                   | 3.6                     | 5.6               |
| 7,5°                                     | 140.6                        | 139.6                                            | 138.8        | 138.1        | 137.6        | 137.0        | 136.8        | 136.6        | 136.6        | 136.5                      | 136.5                   | 5.4                     | 10.9              |
| 10,0°                                    | 139.1                        | 138.0                                            | 136.9        | 136.1        | 135.2        | 134.5        | 133.9        | 133.6        | 133.7        | 133.7                      | 133.6                   | 7.3                     | 18.2              |
| 12,5°                                    | 138.7                        | 137.3                                            | 136.1        | 134.9        | 133.7        | 132.7        | 131.9        | 131.5        | 131.4        | 131.8                      | 131.8                   | 9.3                     | 27.5              |
| 15,0°                                    | 140.0                        | 138.1                                            | 136.2        | 134.7        | 133.4        | 132.2        | 131.4        | 131.0        | 130.7        | 130.7                      | 130.7                   | 11.4                    | 38.8              |
| 17,5°                                    | 142.5                        | 140.2                                            | 138.4        | 136.2        | 134.2        | 132.2        | 130.6        | 129.3        | 128.7        | 128.6                      | 128.8                   | 13.4                    | 52.3              |
| 20,0°                                    | 144.2                        | 141.9                                            | 140.0        | 137.4        | 135.3        | 133.0        | 131.0        | 129.5        | 128.6        | 128.3                      | 128.7                   | 15.4                    | 67.7              |
| 22,5°                                    | 147.1                        | 144.0                                            | 141.1        | 138.8        | 137.2        | 134.9        | 132.7        | 130.9        | 129.7        | 129.2                      | 129.8                   | 17.5                    | 85.2              |
| 25,0°                                    | 150.2                        | 146.7                                            | 143.4        | 140.7        | 138.4        | 136.9        | 134.9        | 132.9        | 131.3        | 130.7                      | 131.5                   | 19.8                    | 105.0             |
| 27,5°                                    | 153.7                        | 149.7                                            | 146.2        | 143.2        | 140.7        | 139.1        | 137.1        | 135.3        | 133.7        | 132.7                      | 133.4                   | 22.2                    | 127.1             |
| 30,0°                                    | 157.3                        | 153.1                                            | 149.3        | 146.2        | 143.5        | 141.8        | 140.3        | 138.2        | 136.7        | 135.6                      | 136.0                   | 24.6                    | 151.7             |
| 32,5°                                    | 162.1                        | 157.6                                            | 154.1        | 150.9        | 147.7        | 146.0        | 144.9        | 142.3        | 140.4        | 139.2                      | 139.3                   | 27.1                    | 178.9             |
| 35,0°                                    | 169.0                        | 164.0                                            | 160.6        | 157.1        | 153.9        | 151.5        | 149.5        | 147.5        | 145.4        | 144.5                      | 145.2                   | 29.8                    | 208.7             |
| 37,5°                                    | 178.8                        | 171.9                                            | 168.3        | 164.4        | 160.7        | 157.8        | 155.9        | 154.3        | 152.1        | 150.8                      | 152.0                   | 32.6                    | 241.2             |
| 40,0°                                    | 185.7                        | 181.5                                            | 176.5        | 172.6        | 168.7        | 165.3        | 163.3        | 161.4        | 159.8        | 158.8                      | 159.4                   | 35.4                    | 276.7             |
| 42,5°                                    | 193.6                        | 188.5                                            | 185.1        | 180.2        | 176.1        | 172.4        | 170.4        | 169.0        | 167.7        | 167.1                      | 167.0                   | 38.3                    | 315.0             |
| 45,0°                                    | 200.4                        | 194.5                                            | 191.9        | 186.5        | 182.4        | 178.5        | 176.3        | 175.0        | 173.8        | 173.2                      | 172.7                   | 41.1                    | 356.1             |
| 47,5°                                    | 205.3                        | 199.5                                            | 194.5        | 190.9        | 185.5        | 182.2        | 179.7        | 176.1        | 172.4        | 170.3                      | 168.9                   | 43.6                    | 399.7             |
| 50,0°                                    | 208.4                        | 201.3                                            | 194.6        | 191.6        | 184.2        | 173.6        | 162.9        | 154.0        | 148.2        | 146.2                      | 145.4                   | 44.8                    | 444.5             |
| 52,5°                                    | 206.4                        | 199.4                                            | 191.9        | 178.7        | 162.3        | 145.0        | 134.4        | 128.6        | 126.0        | 125.2                      | 126.9                   | 45.3                    | 489.8             |
| 55,0°                                    | 200.5                        | 191.0                                            | 170.8        | 149.3        | 134.4        | 119.4        | 111.2        | 108.0        | 106.6        | 106.9                      | 113.6                   | 45.5                    | 535.3             |
| 57,5°                                    | 187.9                        | 163.3                                            | 140.7        | 121.7        | 106.4        | 96.3         | 91.1         | 91.9         | 92.2         | 90.7                       | 95.9                    | 46.2                    | 581.5             |
| 60,0°                                    | 156.2                        | 131.6                                            | 111.6        | 93.4         | 83.4         | 80.7         | 81.0         | 81.4         | 81.8         | 83.6                       | 91.0                    | 54.7                    | 636.2             |
| 62,5°                                    | 122.4                        | 100.3                                            | 81.4         | 71.0         | 71.2         | 74.7         | 75.5         | 76.2         | 75.9         | 78.9                       | 84.8                    | 71.9                    | 708.1             |
| 65,0°                                    | 91.4                         | 71.9                                             | 62.2         | 62.1         | 67.3         | 71.5         | 71.2         | 69.9         | 68.0         | 76.5                       | 82.1                    | 98.8                    | 806.9             |
| 67,5°                                    | 61.6                         | 55.3                                             | 53.3         | 60.0         | 66.6         | 67.6         | 64.6         | 59.9         | 41.5         | 39.8                       | 50.4                    | 92.9                    | 899.8             |
| 70,0°                                    | 41.4                         | 43.0                                             | 52.6         | 58.9         | 58.4         | 53.9         | 42.9         | 19.0         | 17.9         | 28.3                       | 40.2                    | 49.4                    | 949.3             |
| 72,5°                                    | 31.6                         | 38.8                                             | 44.5         | 44.5         | 38.5         | 31.6         | 16.1         | 14.2         | 13.4         | 20.8                       | 26.1                    | 24.8                    | 974.0             |
| 75,0°                                    | 25.4                         | 29.3                                             | 31.2         | 27.4         | 22.3         | 15.1         | 12.2         | 10.5         | 9.6          | 12.1                       | 13.2                    | 14.0                    | 988.0             |
| 77,5°                                    | 11.8                         | 16.6                                             | 15.7         | 12.8         | 11.4         | 9.8          | 8.8          | 7.0          | 5.7          | 5.6                        | 6.5                     | 7.1                     | 995.1             |
| 80,0°                                    | 5.8                          | 6.3                                              | 6.9          | 6.8          | 6.3          | 5.8          | 5.2          | 4.0          | 2.9          | 1.7                        | 1.4                     | 3.1                     | 998.2             |
| 82,5°                                    | 3.0                          | 3.3                                              | 3.5          | 3.5          | 3.8          | 3.3          | 2.9          | 2.2          | 1.7          | 1.3                        | 1.1                     | 1.2                     | 999.4             |
| 85,0°                                    | 1.3                          | 1.4                                              | 1.5          | 1.5          | 1.5          | 1.5          | 1.4          | 1.3          | 1.1          | 1.0                        | 1.0                     | 0.4                     | 999.8             |
| 87,5°                                    | 0.8                          | 0.8                                              | 0.9          | 0.9          | 0.9          | 0.9          | 1.0          | 1.0          | 1.0          | 1.0                        | 1.0                     | 0.2                     | 1000.0            |
| 90,0°                                    | 0.0                          | 0.0                                              | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0                        | 0.0                     | 0.0                     | 1000.0            |

|        |          |         |        |        |        |
|--------|----------|---------|--------|--------|--------|
| office | industry | traffic | retail | public | sports |
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## Photometric test report

|                                               |                                                                |                                 |
|-----------------------------------------------|----------------------------------------------------------------|---------------------------------|
| Family<br><b>Streetlight 31 mini toolless</b> | Order number: <b>5XH613AA08GA</b><br>EAN: <b>4069025513564</b> | LP number<br><b>59800_3390</b>  |
| Dimming levels table                          |                                                                | environmental temperature: 25°C |
|                                               |                                                                | <b>sitEco</b>                   |

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|-----------------------------------------|---------------------------------------|-------------------------------|
| 100             | 254                  | 254                       | 5800               | 37.3                                    | 38.7                                  | 38.0                          |
| 95              | 240                  | 252                       | 5517               | 35.3                                    | 36.5                                  | 35.9                          |
| 90              | 225                  | 250                       | 5211               | 33.1                                    | 34.2                                  | 33.7                          |
| 85              | 211                  | 247                       | 4921               | 31.0                                    | 32.0                                  | 31.5                          |
| 80              | 198                  | 245                       | 4647               | 29.0                                    | 30.1                                  | 29.6                          |
| 75              | 184                  | 242                       | 4348               | 27.0                                    | 27.9                                  | 27.4                          |
| 70              | 171                  | 240                       | 4068               | 25.0                                    | 25.9                                  | 25.4                          |
| 65              | 157                  | 236                       | 3762               | 23.0                                    | 23.8                                  | 23.4                          |
| 60              | 144                  | 233                       | 3473               | 21.1                                    | 21.8                                  | 21.5                          |
| 55              | 131                  | 230                       | 3181               | 19.3                                    | 19.9                                  | 19.6                          |
| 50              | 119                  | 226                       | 2908               | 17.5                                    | 18.1                                  | 17.8                          |
| 45              | 106                  | 222                       | 2609               | 15.6                                    | 16.1                                  | 15.8                          |
| 40              | 94                   | 218                       | 2330               | 14.0                                    | 14.4                                  | 14.2                          |
| 35              | 81                   | 212                       | 2024               | 12.2                                    | 12.6                                  | 12.4                          |
| 30              | 69                   | 206                       | 1739               | 10.6                                    | 10.9                                  | 10.8                          |
| 25              | 57                   | 199                       | 1450               | 9.0                                     | 9.2                                   | 9.1                           |
| 20              | 45                   | 191                       | 1158               | 7.4                                     | 7.5                                   | 7.4                           |
| 15              | 33                   | 179                       | 863                | 5.7                                     | 5.9                                   | 5.8                           |
| 10              | 22                   | 164                       | 591                | 4.2                                     | 4.3                                   | 4.2                           |
| 9               | 20                   | 161                       | 541                | 3.9                                     | 4.0                                   | 4.0                           |

| Dimming levels table |                      |                           | environmental temperature: 5°C |                                         |                                       |                               |
|----------------------|----------------------|---------------------------|--------------------------------|-----------------------------------------|---------------------------------------|-------------------------------|
| Luminous flux %      | Dimming level linear | Dimming level logarithmic | Luminous flux [lm]             | Power consumption [W] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
| 100                  | 254                  | 254                       | 5910                           | 37.8                                    | 39.2                                  | 38.5                          |
| 95                   | 240                  | 252                       | 5619                           | 35.7                                    | 37.0                                  | 36.4                          |
| 90                   | 226                  | 250                       | 5324                           | 33.6                                    | 34.9                                  | 34.2                          |
| 85                   | 212                  | 247                       | 5026                           | 31.5                                    | 32.7                                  | 32.1                          |
| 80                   | 198                  | 245                       | 4723                           | 29.4                                    | 30.5                                  | 30.0                          |
| 75                   | 185                  | 242                       | 4439                           | 27.5                                    | 28.5                                  | 28.0                          |
| 70                   | 171                  | 240                       | 4131                           | 25.4                                    | 26.3                                  | 25.8                          |
| 65                   | 158                  | 237                       | 3840                           | 23.5                                    | 24.3                                  | 23.9                          |
| 60                   | 145                  | 233                       | 3545                           | 21.5                                    | 22.3                                  | 21.9                          |
| 55                   | 132                  | 230                       | 3248                           | 19.6                                    | 20.3                                  | 20.0                          |
| 50                   | 119                  | 226                       | 2947                           | 17.8                                    | 18.4                                  | 18.1                          |
| 45                   | 107                  | 222                       | 2666                           | 16.0                                    | 16.6                                  | 16.3                          |
| 40                   | 94                   | 218                       | 2358                           | 14.2                                    | 14.7                                  | 14.4                          |
| 35                   | 82                   | 213                       | 2072                           | 12.5                                    | 12.9                                  | 12.7                          |
| 30                   | 70                   | 207                       | 1784                           | 10.9                                    | 11.2                                  | 11.0                          |
| 25                   | 57                   | 199                       | 1466                           | 9.1                                     | 9.3                                   | 9.2                           |
| 20                   | 45                   | 191                       | 1171                           | 7.5                                     | 7.7                                   | 7.6                           |
| 15                   | 34                   | 180                       | 897                            | 6.0                                     | 6.1                                   | 6.0                           |
| 10                   | 22                   | 164                       | 597                            | 4.3                                     | 4.4                                   | 4.4                           |
| 9                    | 20                   | 161                       | 546                            | 4.0                                     | 4.1                                   | 4.0                           |

Photometric test report

|                                                                        |                                                                |                                                                                     |
|------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Family</b><br><b>Streetlight 31 mini toolless</b>                   | <b>Order number: 5XH613AA08GA</b><br><b>EAN: 4069025513564</b> | <b>LP number</b><br><b>59800_3390</b>                                               |
| <b>Dimming levels table</b> <div>environmental temperature: 15°C</div> |                                                                |  |

| Luminous flux<br>% | Dimming level<br>linear | Dimming level<br>logarithmic | Luminous flux<br>[lm] | Power consumption<br>[W]<br>start of lifetime | Power consumption<br>[W]<br>end of lifetime | Power consumption<br>[W]<br>average |
|--------------------|-------------------------|------------------------------|-----------------------|-----------------------------------------------|---------------------------------------------|-------------------------------------|
| 100                | 254                     | 254                          | 5860                  | 37.6                                          | 38.9                                        | 38.2                                |
| 95                 | 240                     | 252                          | 5573                  | 35.5                                          | 36.8                                        | 36.2                                |
| 90                 | 226                     | 250                          | 5283                  | 33.4                                          | 34.6                                        | 34.0                                |
| 85                 | 212                     | 247                          | 4989                  | 31.3                                          | 32.4                                        | 31.8                                |
| 80                 | 198                     | 245                          | 4689                  | 29.2                                          | 30.3                                        | 29.8                                |
| 75                 | 184                     | 242                          | 4387                  | 27.2                                          | 28.1                                        | 27.6                                |
| 70                 | 171                     | 240                          | 4102                  | 25.2                                          | 26.1                                        | 25.6                                |
| 65                 | 158                     | 237                          | 3816                  | 23.3                                          | 24.1                                        | 23.7                                |
| 60                 | 145                     | 233                          | 3523                  | 21.3                                          | 22.2                                        | 21.8                                |
| 55                 | 132                     | 230                          | 3228                  | 19.5                                          | 20.2                                        | 19.8                                |
| 50                 | 119                     | 226                          | 2930                  | 17.7                                          | 18.3                                        | 18.0                                |
| 45                 | 106                     | 222                          | 2627                  | 15.8                                          | 16.3                                        | 16.0                                |
| 40                 | 94                      | 218                          | 2346                  | 14.1                                          | 14.6                                        | 14.4                                |
| 35                 | 82                      | 213                          | 2062                  | 12.4                                          | 12.8                                        | 12.6                                |
| 30                 | 69                      | 206                          | 1750                  | 10.7                                          | 11.0                                        | 10.8                                |
| 25                 | 57                      | 199                          | 1459                  | 9.0                                           | 9.2                                         | 9.1                                 |
| 20                 | 45                      | 191                          | 1165                  | 7.4                                           | 7.6                                         | 7.5                                 |
| 15                 | 33                      | 179                          | 868                   | 5.7                                           | 5.9                                         | 5.8                                 |
| 10                 | 22                      | 164                          | 595                   | 4.3                                           | 4.4                                         | 4.4                                 |
| 9                  | 20                      | 161                          | 544                   | 4.0                                           | 4.1                                         | 4.0                                 |

Photometric test report

|                                        |                                                  |                         |
|----------------------------------------|--------------------------------------------------|-------------------------|
| Family<br>Streetlight 31 mini toolless | Order number: 5XH613AA08GA<br>EAN: 4069025513564 | LP number<br>59800_3390 |
| Luminousfluxs table                    |                                                  | siteco                  |

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 5800.0              | 37.3                   |
| 5.0               | 5910.0              | 37.8                   |
| 15.0              | 5860.0              | 37.6                   |