

## Photometric test report

**Family**  
**Streetlight 21 midi LED**

**Order number: 5XE3V33R08MB**  
**EAN: 4069025163837**

**LP number**  
**59539\_241**



**Version** post-top or side-entry mounting, Smart Interface down

**Optic** direct, asymmetric wide distribution P050001

**Cover** toughened safety glass

**Lamps** LED 3000 K | CRI ≥ 70

**Controlgear** EVG-Smart Interface

**Rated values** Net luminous flux = 17960 lm  
Power consumption = 136.0 W  
Luminous efficacy = 132.1 lm/W

**serial**  
**documentation**  
**18.01.2024**

**siteco**

**Luminous intensity in cd/klm**

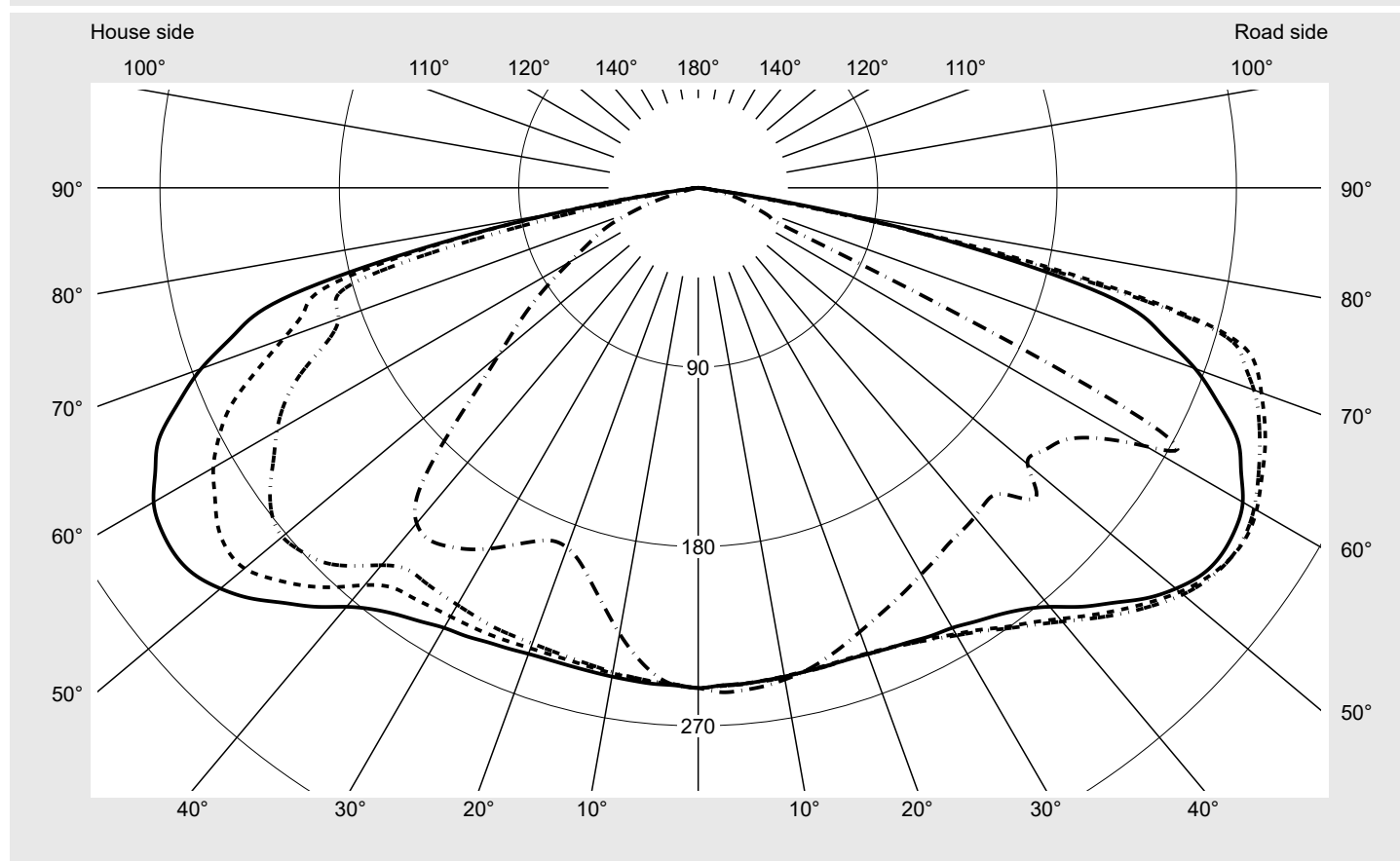
**C180-0**

**C190-10**

**C195-15**

**C270-90**

**Imax: 326 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:    | G6    |
| Imax 70°  | 300.7 |
| Imax 80°  | 79.4  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

### Measurement conditions

DIN EN 13032 and DIN 5032

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**Streetlight 21 midi LED**

Order number: **5XE3V33R08MB**  
EAN: **4069025163837**

LP number  
**59539\_241**

Envelope curve in cd/klm

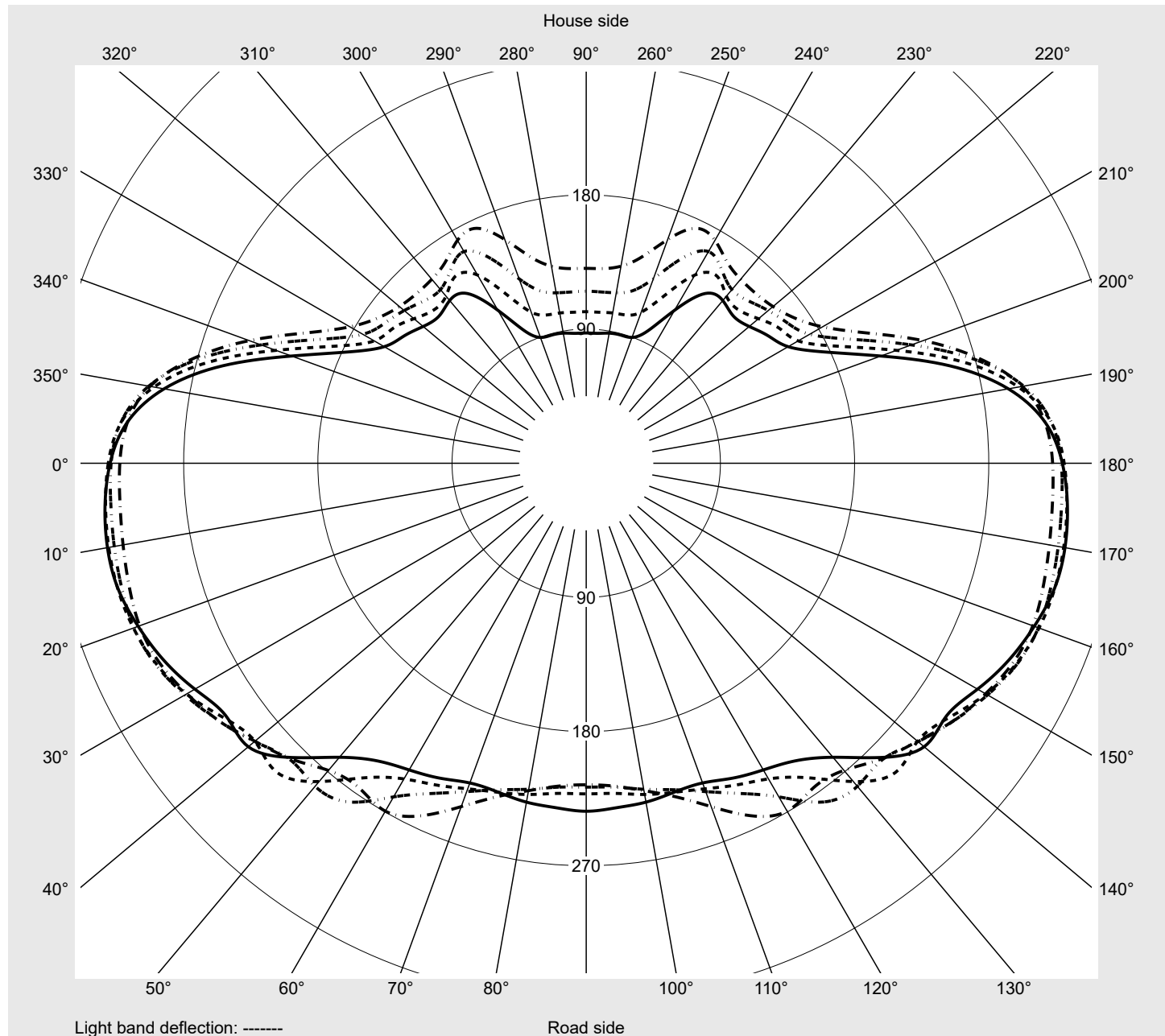
KMK 57.5°

KMK 55°

KMK 52.5°

KMK 50°

**sit**eco



Photometric test report

|                                          |                                                  |                            |
|------------------------------------------|--------------------------------------------------|----------------------------|
| Family<br>Streetlight 21 midi LED        | Order number: 5XE3V33R08MB<br>EAN: 4069025163837 | LP number<br>59539_241     |
| 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°         | 251.0                        | 251.0      | 251.0       | 251.0       | 251.0       | 251.0       | 251.0       | 251.0       | 251.0       | 251.0       | 251.0       | 251.0       | 251.0       |
| 2,5°         | 250.0                        | 250.0      | 250.1       | 250.3       | 250.7       | 251.0       | 251.0       | 251.2       | 251.5       | 251.6       | 251.7       | 252.0       | 252.3       |
| 5,0°         | 249.9                        | 249.8      | 249.8       | 250.2       | 250.6       | 250.8       | 251.0       | 251.2       | 251.6       | 251.6       | 251.8       | 252.1       | 252.3       |
| 7,5°         | 249.5                        | 249.5      | 249.4       | 249.8       | 250.3       | 250.6       | 250.8       | 250.9       | 251.2       | 251.3       | 251.4       | 251.6       | 251.7       |
| 10,0°        | 249.0                        | 248.9      | 248.9       | 249.3       | 249.7       | 250.0       | 250.2       | 250.3       | 250.5       | 250.6       | 250.7       | 250.7       | 250.6       |
| 12,5°        | 248.6                        | 248.5      | 248.3       | 248.8       | 249.3       | 249.5       | 249.6       | 249.6       | 249.6       | 249.6       | 249.6       | 249.6       | 249.4       |
| 15,0°        | 248.3                        | 248.3      | 248.1       | 248.6       | 249.0       | 249.0       | 249.0       | 248.9       | 248.7       | 248.7       | 248.5       | 248.2       | 247.7       |
| 17,5°        | 248.3                        | 248.2      | 247.9       | 248.3       | 248.7       | 248.8       | 248.8       | 248.6       | 248.1       | 247.7       | 247.3       | 246.6       | 245.9       |
| 20,0°        | 248.9                        | 249.0      | 248.5       | 249.0       | 249.2       | 249.1       | 249.0       | 248.5       | 247.8       | 247.2       | 246.4       | 245.4       | 244.2       |
| 22,5°        | 250.1                        | 250.1      | 249.8       | 250.3       | 250.5       | 250.3       | 249.9       | 249.1       | 248.0       | 246.9       | 245.8       | 244.0       | 242.5       |
| 25,0°        | 251.4                        | 251.8      | 251.8       | 252.3       | 252.4       | 252.0       | 251.1       | 249.9       | 248.3       | 246.5       | 244.7       | 242.8       | 240.9       |
| 27,5°        | 253.4                        | 254.0      | 254.8       | 255.4       | 255.5       | 255.0       | 253.7       | 252.1       | 249.6       | 247.0       | 244.5       | 242.2       | 239.4       |
| 30,0°        | 255.0                        | 256.9      | 258.5       | 259.3       | 259.3       | 258.5       | 257.2       | 254.9       | 251.6       | 248.3       | 245.1       | 241.9       | 238.5       |
| 32,5°        | 258.2                        | 260.9      | 263.0       | 263.9       | 264.2       | 263.3       | 261.6       | 258.6       | 254.5       | 250.7       | 246.4       | 242.2       | 238.0       |
| 35,0°        | 261.7                        | 266.1      | 269.0       | 269.9       | 270.0       | 269.4       | 267.1       | 263.1       | 258.6       | 254.1       | 248.8       | 243.6       | 238.9       |
| 37,5°        | 266.8                        | 271.5      | 274.9       | 276.5       | 276.5       | 275.8       | 273.3       | 268.9       | 263.8       | 258.0       | 251.8       | 246.1       | 240.6       |
| 40,0°        | 274.5                        | 279.0      | 282.4       | 284.1       | 284.4       | 283.4       | 280.9       | 275.8       | 270.4       | 263.3       | 256.0       | 249.1       | 242.3       |
| 42,5°        | 285.1                        | 287.7      | 290.9       | 293.0       | 293.3       | 292.0       | 288.8       | 283.0       | 276.7       | 268.6       | 260.2       | 252.3       | 244.4       |
| 45,0°        | 294.5                        | 296.9      | 299.4       | 301.9       | 302.8       | 301.6       | 297.2       | 290.6       | 283.0       | 273.7       | 264.6       | 255.2       | 246.2       |
| 47,5°        | 304.8                        | 305.7      | 307.7       | 310.1       | 311.4       | 309.8       | 304.3       | 297.0       | 287.8       | 277.8       | 267.8       | 257.0       | 248.7       |
| 50,0°        | 312.8                        | 313.9      | 315.5       | 317.5       | 318.8       | 316.1       | 309.3       | 300.9       | 290.1       | 280.4       | 269.0       | 265.7       | 269.5       |
| 52,5°        | 318.7                        | 320.1      | 321.5       | 322.6       | 322.8       | 318.8       | 310.8       | 301.1       | 290.5       | 281.1       | 282.9       | 277.4       | 258.4       |
| 55,0°        | 320.6                        | 323.6      | 325.2       | 325.3       | 323.2       | 318.2       | 309.6       | 297.3       | 290.1       | 293.3       | 278.7       | 257.5       | 244.5       |
| 57,5°        | 319.4                        | 324.0      | 326.1       | 325.1       | 319.8       | 312.7       | 303.1       | 295.2       | 295.9       | 279.2       | 257.5       | 243.8       | 237.5       |
| 60,0°        | 315.5                        | 321.1      | 323.5       | 322.0       | 313.2       | 302.4       | 294.6       | 297.8       | 286.2       | 257.4       | 242.9       | 234.2       | 227.4       |
| 62,5°        | 307.0                        | 315.3      | 318.5       | 316.7       | 303.4       | 288.4       | 283.0       | 286.1       | 266.8       | 239.5       | 228.9       | 220.3       | 213.3       |
| 65,0°        | 298.5                        | 308.0      | 313.6       | 310.8       | 293.9       | 274.5       | 258.2       | 254.1       | 246.7       | 219.3       | 210.7       | 200.1       | 196.9       |
| 67,5°        | 282.4                        | 297.5      | 307.6       | 304.5       | 284.9       | 260.4       | 237.6       | 233.8       | 224.5       | 196.1       | 181.4       | 175.2       | 177.5       |
| 70,0°        | 265.3                        | 283.6      | 300.7       | 296.7       | 273.8       | 244.0       | 215.8       | 202.6       | 190.5       | 173.9       | 157.0       | 152.6       | 154.2       |
| 72,5°        | 243.6                        | 269.1      | 292.8       | 286.6       | 258.3       | 222.1       | 190.7       | 169.6       | 160.0       | 149.0       | 134.1       | 128.7       | 126.5       |
| 75,0°        | 216.2                        | 240.5      | 264.2       | 259.5       | 228.1       | 191.8       | 159.7       | 140.2       | 129.3       | 121.7       | 108.1       | 103.8       | 102.5       |
| 77,5°        | 145.0                        | 162.5      | 166.8       | 154.2       | 137.4       | 126.2       | 120.6       | 109.9       | 99.3        | 92.4        | 79.4        | 77.3        | 75.9        |
| 80,0°        | 69.5                         | 56.9       | 56.8        | 60.7        | 61.0        | 60.2        | 65.4        | 60.8        | 54.6        | 59.0        | 55.1        | 55.2        | 45.6        |
| 82,5°        | 6.3                          | 5.3        | 5.3         | 7.2         | 14.9        | 17.9        | 23.4        | 25.2        | 24.8        | 26.7        | 24.9        | 30.5        | 22.9        |
| 85,0°        | 2.5                          | 2.5        | 2.4         | 2.4         | 2.3         | 2.3         | 2.1         | 2.2         | 3.8         | 5.7         | 6.8         | 8.1         | 5.9         |
| 87,5°        | 1.4                          | 1.4        | 1.4         | 1.2         | 1.2         | 1.2         | 1.1         | 1.1         | 1.0         | 1.0         | 1.0         | 1.0         | 1.0         |
| 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         | 0.0         |

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|                                          |                                                  |                            |
|------------------------------------------|--------------------------------------------------|----------------------------|
| Family<br>Streetlight 21 midi LED        | Order number: 5XE3V33R08MB<br>EAN: 4069025163837 | LP number<br>59539_241     |
| Table of values for luminous intensities |                                                  | Maximum luminous intensity |
|                                          |                                                  | siteco                     |

| 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°         | 251.0                        | 251.0       | 251.0       | 251.0       | 251.0      | 251.0 | 251.0        | 251.0        | 251.0        | 251.0        | 251.0        | 251.0        | 251.0        |
| 2,5°         | 252.3                        | 252.3       | 252.7       | 252.9       | 253.1      | 253.3 | 250.0        | 249.6        | 249.6        | 249.8        | 249.7        | 249.6        | 249.6        |
| 5,0°         | 252.3                        | 252.4       | 252.6       | 252.9       | 253.0      | 253.1 | 249.5        | 249.0        | 248.8        | 248.8        | 248.3        | 248.1        | 247.8        |
| 7,5°         | 251.6                        | 251.6       | 251.7       | 252.1       | 252.3      | 252.3 | 249.0        | 248.2        | 247.8        | 247.4        | 246.7        | 245.9        | 245.0        |
| 10,0°        | 250.3                        | 250.2       | 250.3       | 250.4       | 250.5      | 250.5 | 248.3        | 247.4        | 246.8        | 245.8        | 244.4        | 242.9        | 241.2        |
| 12,5°        | 248.9                        | 248.6       | 248.4       | 248.3       | 248.3      | 248.3 | 247.6        | 246.5        | 245.5        | 244.0        | 241.7        | 239.3        | 236.5        |
| 15,0°        | 247.0                        | 246.2       | 245.8       | 245.4       | 245.2      | 244.9 | 247.3        | 245.8        | 244.5        | 242.2        | 239.2        | 235.6        | 231.8        |
| 17,5°        | 244.7                        | 243.5       | 242.5       | 241.7       | 241.2      | 241.1 | 247.2        | 245.6        | 243.7        | 240.6        | 236.5        | 232.0        | 226.9        |
| 20,0°        | 242.7                        | 241.0       | 239.5       | 238.3       | 237.5      | 237.1 | 247.7        | 245.9        | 243.3        | 239.2        | 234.0        | 228.1        | 221.9        |
| 22,5°        | 240.8                        | 238.9       | 236.9       | 234.9       | 234.1      | 233.5 | 248.7        | 246.6        | 243.2        | 237.9        | 231.2        | 224.1        | 216.7        |
| 25,0°        | 239.0                        | 236.8       | 234.2       | 231.8       | 230.7      | 230.1 | 250.0        | 247.4        | 243.1        | 236.4        | 228.5        | 220.4        | 212.1        |
| 27,5°        | 236.8                        | 234.2       | 231.6       | 229.1       | 227.5      | 227.0 | 251.3        | 247.9        | 242.3        | 234.8        | 225.8        | 216.6        | 207.6        |
| 30,0°        | 235.1                        | 231.9       | 229.1       | 226.5       | 224.6      | 223.9 | 252.4        | 248.4        | 241.6        | 232.7        | 222.7        | 212.6        | 203.0        |
| 32,5°        | 234.4                        | 230.8       | 227.1       | 224.2       | 221.9      | 221.3 | 254.5        | 249.3        | 241.1        | 230.7        | 219.4        | 208.0        | 197.7        |
| 35,0°        | 234.7                        | 230.0       | 225.7       | 222.3       | 219.4      | 218.5 | 257.2        | 250.7        | 240.7        | 228.3        | 215.2        | 202.1        | 191.5        |
| 37,5°        | 235.1                        | 229.6       | 224.5       | 220.5       | 217.8      | 217.1 | 260.8        | 252.7        | 240.9        | 226.3        | 210.7        | 196.0        | 185.4        |
| 40,0°        | 235.7                        | 229.1       | 223.6       | 219.4       | 216.7      | 215.7 | 268.8        | 260.3        | 247.2        | 229.4        | 209.2        | 191.2        | 180.0        |
| 42,5°        | 237.0                        | 229.2       | 222.7       | 218.0       | 214.7      | 213.8 | 279.8        | 271.8        | 257.3        | 236.8        | 212.4        | 190.4        | 176.4        |
| 45,0°        | 238.2                        | 230.1       | 224.1       | 220.4       | 218.0      | 217.4 | 290.5        | 281.9        | 265.7        | 242.9        | 216.1        | 191.3        | 174.9        |
| 47,5°        | 246.9                        | 247.6       | 243.5       | 237.5       | 231.8      | 229.8 | 300.6        | 290.3        | 270.0        | 243.5        | 214.7        | 189.5        | 173.3        |
| 50,0°        | 260.9                        | 245.1       | 231.6       | 223.0       | 217.4      | 215.7 | 309.1        | 297.1        | 272.4        | 240.5        | 207.0        | 183.1        | 170.2        |
| 52,5°        | 244.4                        | 234.4       | 226.8       | 222.1       | 218.1      | 217.3 | 313.3        | 298.0        | 269.5        | 232.2        | 196.7        | 173.0        | 164.4        |
| 55,0°        | 238.2                        | 232.4       | 228.5       | 225.6       | 222.3      | 221.8 | 313.2        | 294.4        | 262.1        | 221.4        | 185.8        | 164.2        | 158.0        |
| 57,5°        | 233.0                        | 228.2       | 228.4       | 230.8       | 232.0      | 233.5 | 309.4        | 287.5        | 252.5        | 210.3        | 176.6        | 156.4        | 149.0        |
| 60,0°        | 223.2                        | 221.3       | 227.4       | 239.2       | 253.0      | 259.4 | 304.3        | 280.9        | 244.1        | 201.6        | 167.7        | 146.0        | 137.4        |
| 62,5°        | 206.8                        | 211.0       | 228.8       | 255.9       | 259.3      | 251.4 | 295.4        | 271.1        | 233.9        | 189.1        | 153.8        | 128.8        | 122.0        |
| 65,0°        | 191.1                        | 200.2       | 214.8       | 159.1       | 99.5       | 81.1  | 284.6        | 258.6        | 219.5        | 173.2        | 136.8        | 113.8        | 106.5        |
| 67,5°        | 173.1                        | 177.0       | 104.3       | 45.0        | 40.1       | 39.3  | 268.1        | 239.7        | 201.3        | 160.9        | 126.0        | 98.9         | 86.9         |
| 70,0°        | 153.9                        | 102.1       | 38.9        | 34.7        | 33.3       | 32.7  | 246.7        | 221.4        | 192.0        | 159.1        | 115.1        | 78.0         | 67.2         |
| 72,5°        | 111.9                        | 41.5        | 29.4        | 28.3        | 27.3       | 27.0  | 224.7        | 207.4        | 190.7        | 144.1        | 81.8         | 52.9         | 48.5         |
| 75,0°        | 61.2                         | 23.5        | 22.1        | 21.8        | 21.5       | 21.6  | 197.8        | 193.8        | 171.7        | 100.8        | 45.9         | 35.1         | 33.8         |
| 77,5°        | 29.7                         | 16.3        | 15.8        | 15.8        | 15.3       | 15.1  | 138.8        | 139.4        | 99.3         | 39.4         | 22.0         | 21.2         | 22.0         |
| 80,0°        | 13.6                         | 10.4        | 10.2        | 9.9         | 9.6        | 9.4   | 79.4         | 70.3         | 36.0         | 12.7         | 11.5         | 11.9         | 12.6         |
| 82,5°        | 6.5                          | 5.7         | 5.7         | 5.6         | 5.2        | 5.2   | 10.5         | 13.4         | 8.3          | 5.6          | 5.6          | 5.7          | 6.0          |
| 85,0°        | 2.4                          | 2.3         | 2.3         | 2.2         | 2.1        | 2.1   | 2.5          | 2.5          | 2.5          | 2.4          | 2.4          | 2.3          | 2.3          |
| 87,5°        | 0.9                          | 0.9         | 0.9         | 0.8         | 0.9        | 0.9   | 1.4          | 1.4          | 1.5          | 1.4          | 1.3          | 1.3          | 1.3          |
| 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          |

Photometric test report

|                                          |                              |                                                  |              |              |              |              |              |              |              |                            |                         |                        |                   |
|------------------------------------------|------------------------------|--------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------------|-------------------------|------------------------|-------------------|
| Family<br>Streetlight 21 midi LED        |                              | Order number: 5XE3V33R08MB<br>EAN: 4069025163837 |              |              |              |              |              |              |              |                            |                         | LP number<br>59539_241 |                   |
| 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°                                     | 251.0                        | 251.0                                            | 251.0        | 251.0        | 251.0        | 251.0        | 251.0        | 251.0        | 251.0        | 251.0                      | 251.0                   | 0.4                    | 0.4               |
| 2,5°                                     | 249.5                        | 249.6                                            | 249.6        | 249.4        | 249.5        | 249.6        | 249.9        | 249.8        | 249.8        | 249.8                      | 250.0                   | 3.0                    | 3.4               |
| 5,0°                                     | 247.3                        | 247.0                                            | 246.7        | 246.3        | 246.1        | 245.9        | 245.8        | 245.6        | 245.4        | 245.5                      | 245.5                   | 6.0                    | 9.3               |
| 7,5°                                     | 243.8                        | 242.8                                            | 241.6        | 240.6        | 239.8        | 239.1        | 238.5        | 237.9        | 237.5        | 237.3                      | 237.3                   | 8.8                    | 18.2              |
| 10,0°                                    | 239.2                        | 237.1                                            | 235.1        | 233.3        | 231.6        | 230.3        | 229.2        | 228.1        | 227.5        | 227.3                      | 227.2                   | 11.6                   | 29.8              |
| 12,5°                                    | 233.5                        | 230.3                                            | 227.4        | 224.7        | 222.2        | 220.1        | 218.5        | 217.4        | 216.5        | 216.1                      | 216.0                   | 14.2                   | 44.0              |
| 15,0°                                    | 227.8                        | 223.5                                            | 219.5        | 216.0        | 213.0        | 210.5        | 208.6        | 207.2        | 206.3        | 205.9                      | 205.8                   | 16.8                   | 60.8              |
| 17,5°                                    | 221.8                        | 216.7                                            | 211.9        | 207.7        | 204.2        | 201.5        | 199.5        | 198.2        | 197.5        | 197.2                      | 197.1                   | 19.2                   | 80.0              |
| 20,0°                                    | 215.8                        | 210.0                                            | 205.0        | 200.6        | 197.2        | 194.7        | 193.1        | 192.4        | 192.1        | 192.1                      | 192.2                   | 21.6                   | 101.6             |
| 22,5°                                    | 210.0                        | 204.1                                            | 199.0        | 194.9        | 192.2        | 190.6        | 190.1        | 190.3        | 190.7        | 191.4                      | 191.7                   | 24.0                   | 125.5             |
| 25,0°                                    | 204.8                        | 198.6                                            | 194.1        | 191.3        | 190.1        | 190.3        | 191.3        | 192.8        | 194.3        | 195.5                      | 195.9                   | 26.4                   | 151.9             |
| 27,5°                                    | 199.8                        | 194.0                                            | 190.6        | 189.8        | 190.5        | 192.5        | 195.2        | 197.9        | 200.0        | 201.7                      | 202.1                   | 28.9                   | 180.8             |
| 30,0°                                    | 195.2                        | 190.2                                            | 188.5        | 189.8        | 192.7        | 196.4        | 200.1        | 203.5        | 206.3        | 208.3                      | 209.1                   | 31.3                   | 212.2             |
| 32,5°                                    | 190.1                        | 186.9                                            | 187.5        | 190.9        | 195.4        | 199.9        | 204.5        | 208.4        | 211.9        | 214.2                      | 215.0                   | 33.8                   | 246.0             |
| 35,0°                                    | 185.4                        | 184.1                                            | 186.9        | 191.8        | 197.2        | 202.0        | 207.3        | 211.8        | 215.6        | 218.4                      | 219.5                   | 36.3                   | 282.3             |
| 37,5°                                    | 180.7                        | 181.6                                            | 185.8        | 191.4        | 196.6        | 201.5        | 207.1        | 212.4        | 217.4        | 221.0                      | 222.3                   | 38.8                   | 321.1             |
| 40,0°                                    | 176.7                        | 178.7                                            | 183.2        | 188.2        | 193.3        | 198.3        | 204.5        | 211.1        | 216.0        | 218.7                      | 219.7                   | 41.2                   | 362.3             |
| 42,5°                                    | 172.5                        | 174.4                                            | 178.4        | 183.2        | 188.3        | 194.4        | 202.4        | 209.1        | 210.7        | 209.0                      | 208.0                   | 43.7                   | 406.0             |
| 45,0°                                    | 168.5                        | 169.0                                            | 172.8        | 177.7        | 183.6        | 192.3        | 199.7        | 198.2        | 190.3        | 183.1                      | 180.9                   | 46.0                   | 452.0             |
| 47,5°                                    | 165.7                        | 164.8                                            | 167.4        | 172.3        | 179.5        | 187.1        | 185.5        | 173.5        | 160.7        | 153.4                      | 151.6                   | 48.2                   | 500.1             |
| 50,0°                                    | 163.6                        | 160.9                                            | 161.1        | 164.8        | 172.7        | 173.9        | 159.6        | 143.1        | 134.2        | 131.1                      | 130.7                   | 49.4                   | 549.6             |
| 52,5°                                    | 159.4                        | 154.0                                            | 152.1        | 158.4        | 164.0        | 151.5        | 131.7        | 119.8        | 116.1        | 115.3                      | 115.4                   | 50.2                   | 599.8             |
| 55,0°                                    | 150.8                        | 145.1                                            | 146.3        | 153.1        | 145.8        | 124.0        | 107.8        | 103.0        | 102.4        | 101.7                      | 101.7                   | 50.5                   | 650.3             |
| 57,5°                                    | 142.8                        | 139.6                                            | 142.5        | 139.0        | 118.5        | 98.1         | 89.8         | 89.0         | 88.6         | 87.5                       | 87.4                    | 50.3                   | 700.6             |
| 60,0°                                    | 133.7                        | 133.9                                            | 130.8        | 113.2        | 90.4         | 79.0         | 76.1         | 75.9         | 75.7         | 74.4                       | 74.2                    | 49.7                   | 750.2             |
| 62,5°                                    | 121.6                        | 118.6                                            | 103.6        | 83.7         | 70.2         | 66.2         | 64.9         | 64.9         | 65.1         | 63.8                       | 63.5                    | 48.1                   | 798.4             |
| 65,0°                                    | 104.0                        | 95.2                                             | 77.1         | 64.1         | 59.9         | 58.1         | 56.9         | 56.9         | 57.6         | 55.8                       | 55.5                    | 43.5                   | 841.8             |
| 67,5°                                    | 82.3                         | 70.1                                             | 58.1         | 53.2         | 52.4         | 50.9         | 49.3         | 49.4         | 50.1         | 47.9                       | 46.8                    | 38.6                   | 880.4             |
| 70,0°                                    | 61.0                         | 51.7                                             | 46.0         | 45.5         | 45.4         | 43.4         | 40.4         | 39.0         | 38.7         | 35.7                       | 35.0                    | 34.6                   | 915.0             |
| 72,5°                                    | 43.8                         | 39.1                                             | 37.3         | 37.4         | 36.9         | 33.9         | 30.2         | 28.6         | 27.5         | 24.9                       | 24.2                    | 30.4                   | 945.4             |
| 75,0°                                    | 32.1                         | 30.1                                             | 29.5         | 29.0         | 27.9         | 24.8         | 21.3         | 19.4         | 16.5         | 13.2                       | 12.4                    | 25.4                   | 970.8             |
| 77,5°                                    | 22.1                         | 21.5                                             | 20.5         | 20.2         | 18.7         | 15.1         | 11.1         | 9.0          | 7.4          | 5.4                        | 5.2                     | 17.0                   | 987.8             |
| 80,0°                                    | 12.1                         | 11.9                                             | 10.1         | 9.0          | 8.4          | 7.2          | 5.8          | 4.6          | 3.8          | 2.1                        | 1.9                     | 8.5                    | 996.3             |
| 82,5°                                    | 5.8                          | 5.3                                              | 4.7          | 4.5          | 4.4          | 3.7          | 3.0          | 2.4          | 1.7          | 1.2                        | 1.0                     | 2.7                    | 999.0             |
| 85,0°                                    | 2.1                          | 2.1                                              | 1.9          | 1.8          | 1.7          | 1.5          | 1.3          | 1.1          | 0.9          | 0.8                        | 0.7                     | 0.7                    | 999.7             |
| 87,5°                                    | 1.1                          | 1.1                                              | 1.1          | 1.0          | 1.0          | 0.9          | 0.8          | 0.7          | 0.7          | 0.7                        | 0.7                     | 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            |

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

|                                          |                                                                |                                 |
|------------------------------------------|----------------------------------------------------------------|---------------------------------|
| Family<br><b>Streetlight 21 midi LED</b> | Order number: <b>5XE3V33R08MB</b><br>EAN: <b>4069025163837</b> | LP number<br><b>59539_241</b>   |
| Dimming levels table                     |                                                                | environmental temperature: 25°C |
|                                          |                                                                | <b>sit</b> eco                  |

| Luminous flux<br>[%] | Dimming level<br>linear | Dimming level<br>logarithmic | Luminous flux<br>[lm] | Power consumption<br>[W]start of lifetime | Power consumption<br>[W]end of lifetime | Power consumption<br>[W]average |
|----------------------|-------------------------|------------------------------|-----------------------|-------------------------------------------|-----------------------------------------|---------------------------------|
| 100                  | 254                     | 254                          | 17960                 | 136.0                                     | 142.3                                   | 139.2                           |
| 95                   | 237                     | 251                          | 17039                 | 126.7                                     | 132.6                                   | 129.6                           |
| 90                   | 221                     | 249                          | 16141                 | 118.2                                     | 123.6                                   | 120.9                           |
| 85                   | 206                     | 246                          | 15265                 | 110.2                                     | 115.3                                   | 112.8                           |
| 80                   | 191                     | 244                          | 14357                 | 102.3                                     | 106.9                                   | 104.6                           |
| 75                   | 177                     | 241                          | 13483                 | 94.9                                      | 99.2                                    | 97.1                            |
| 70                   | 163                     | 238                          | 12588                 | 87.7                                      | 91.5                                    | 89.6                            |
| 65                   | 149                     | 234                          | 11660                 | 80.3                                      | 83.9                                    | 82.1                            |
| 60                   | 136                     | 231                          | 10773                 | 73.7                                      | 76.8                                    | 75.2                            |
| 55                   | 123                     | 227                          | 9862                  | 67.0                                      | 69.8                                    | 68.4                            |
| 50                   | 111                     | 224                          | 9002                  | 60.8                                      | 63.4                                    | 62.1                            |
| 45                   | 98                      | 219                          | 8046                  | 54.2                                      | 56.5                                    | 55.4                            |
| 40                   | 87                      | 215                          | 7214                  | 48.7                                      | 50.7                                    | 49.7                            |
| 35                   | 75                      | 209                          | 6292                  | 42.5                                      | 44.2                                    | 43.4                            |
| 30                   | 63                      | 203                          | 5350                  | 36.5                                      | 37.9                                    | 37.2                            |
| 25                   | 52                      | 196                          | 4470                  | 30.9                                      | 32.1                                    | 31.5                            |
| 20                   | 41                      | 187                          | 3571                  | 25.5                                      | 26.4                                    | 26.0                            |
| 15                   | 30                      | 176                          | 2654                  | 20.0                                      | 20.7                                    | 20.4                            |
| 13                   | 27                      | 172                          | 2401                  | 18.5                                      | 19.1                                    | 18.8                            |

|                      |  |                                |
|----------------------|--|--------------------------------|
| Dimming levels table |  | environmental temperature: 5°C |
|----------------------|--|--------------------------------|

| Luminous flux<br>[%] | Dimming level<br>linear | Dimming level<br>logarithmic | Luminous flux<br>[lm] | Power consumption<br>[W]start of lifetime | Power consumption<br>[W]end of lifetime | Power consumption<br>[W]average |
|----------------------|-------------------------|------------------------------|-----------------------|-------------------------------------------|-----------------------------------------|---------------------------------|
| 100                  | 254                     | 254                          | 18580                 | 137.5                                     | 143.9                                   | 140.7                           |
| 95                   | 238                     | 252                          | 17649                 | 128.6                                     | 134.7                                   | 131.6                           |
| 90                   | 223                     | 249                          | 16750                 | 120.6                                     | 126.1                                   | 123.4                           |
| 85                   | 208                     | 247                          | 15823                 | 112.6                                     | 117.8                                   | 115.2                           |
| 80                   | 193                     | 244                          | 14868                 | 104.6                                     | 109.3                                   | 107.0                           |
| 75                   | 179                     | 241                          | 13953                 | 97.2                                      | 101.5                                   | 99.4                            |
| 70                   | 165                     | 238                          | 13021                 | 89.8                                      | 93.7                                    | 91.8                            |
| 65                   | 151                     | 235                          | 12059                 | 82.4                                      | 86.1                                    | 84.2                            |
| 60                   | 138                     | 232                          | 11141                 | 75.6                                      | 79.0                                    | 77.3                            |
| 55                   | 125                     | 228                          | 10204                 | 68.9                                      | 71.9                                    | 70.4                            |
| 50                   | 113                     | 224                          | 9318                  | 62.7                                      | 65.3                                    | 64.0                            |
| 45                   | 100                     | 220                          | 8341                  | 56.0                                      | 58.3                                    | 57.2                            |
| 40                   | 88                      | 215                          | 7412                  | 49.9                                      | 51.9                                    | 50.9                            |
| 35                   | 76                      | 210                          | 6471                  | 43.6                                      | 45.4                                    | 44.5                            |
| 30                   | 65                      | 204                          | 5591                  | 38.0                                      | 39.5                                    | 38.8                            |
| 25                   | 53                      | 197                          | 4615                  | 31.9                                      | 33.1                                    | 32.5                            |
| 20                   | 42                      | 188                          | 3702                  | 26.4                                      | 27.4                                    | 26.9                            |
| 15                   | 31                      | 177                          | 2773                  | 20.9                                      | 21.5                                    | 21.2                            |
| 13                   | 27                      | 172                          | 2431                  | 18.8                                      | 19.5                                    | 19.2                            |

Photometric test report

|                                                                        |                                                                |                                                                                     |
|------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Family</b><br><b>Streetlight 21 midi LED</b>                        | <b>Order number: 5XE3V33R08MB</b><br><b>EAN: 4069025163837</b> | <b>LP number</b><br><b>59539_241</b>                                                |
| <b>Dimming levels table</b> <div>environmental temperature: 15°C</div> |                                                                |  |

| 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                       | 18290              | 136.7                                  | 143.1                                | 139.9                        |
| 95                | 238                  | 252                       | 17390              | 127.9                                  | 133.9                                | 130.9                        |
| 90                | 222                  | 249                       | 16460              | 119.4                                  | 124.9                                | 122.2                        |
| 85                | 207                  | 247                       | 15558              | 111.3                                  | 116.5                                | 113.9                        |
| 80                | 192                  | 244                       | 14625              | 103.4                                  | 108.1                                | 105.8                        |
| 75                | 178                  | 241                       | 13730              | 96.0                                   | 100.3                                | 98.2                         |
| 70                | 164                  | 238                       | 12815              | 88.7                                   | 92.6                                 | 90.6                         |
| 65                | 150                  | 235                       | 11870              | 81.4                                   | 85.0                                 | 83.2                         |
| 60                | 137                  | 231                       | 10965              | 74.6                                   | 77.9                                 | 76.2                         |
| 55                | 124                  | 228                       | 10041              | 67.9                                   | 70.8                                 | 69.4                         |
| 50                | 112                  | 224                       | 9167               | 61.7                                   | 64.4                                 | 63.0                         |
| 45                | 99                   | 219                       | 8199               | 55.1                                   | 57.4                                 | 56.2                         |
| 40                | 87                   | 215                       | 7280               | 49.0                                   | 51.0                                 | 50.0                         |
| 35                | 76                   | 210                       | 6425               | 43.3                                   | 45.1                                 | 44.2                         |
| 30                | 64                   | 204                       | 5474               | 37.2                                   | 38.7                                 | 38.0                         |
| 25                | 53                   | 197                       | 4587               | 31.7                                   | 32.9                                 | 32.3                         |
| 20                | 42                   | 188                       | 3681               | 26.2                                   | 27.1                                 | 26.6                         |
| 15                | 31                   | 177                       | 2757               | 20.7                                   | 21.3                                 | 21.0                         |
| 13                | 27                   | 172                       | 2418               | 18.7                                   | 19.3                                 | 19.0                         |

Photometric test report

|                                   |                                                  |                        |
|-----------------------------------|--------------------------------------------------|------------------------|
| Family<br>Streetlight 21 midi LED | Order number: 5XE3V33R08MB<br>EAN: 4069025163837 | LP number<br>59539_241 |
| Luminousfluxs table               |                                                  | siteco                 |

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 17960.0             | 136.0                  |
| 5.0               | 18580.0             | 137.5                  |
| 15.0              | 18290.0             | 136.7                  |