

Photometric test report

Family  
Streetlight 31 midi toolless



Order number: 5XH713AA08NA  
EAN: 4069025513861

Version

Optic

Cover

Lamps

Controlgear

Rated values

post-top or side-entry mounting

asymmetric distribution (PL32G)

toughened safety glass

LED 3000 K | CRI ≥ 70

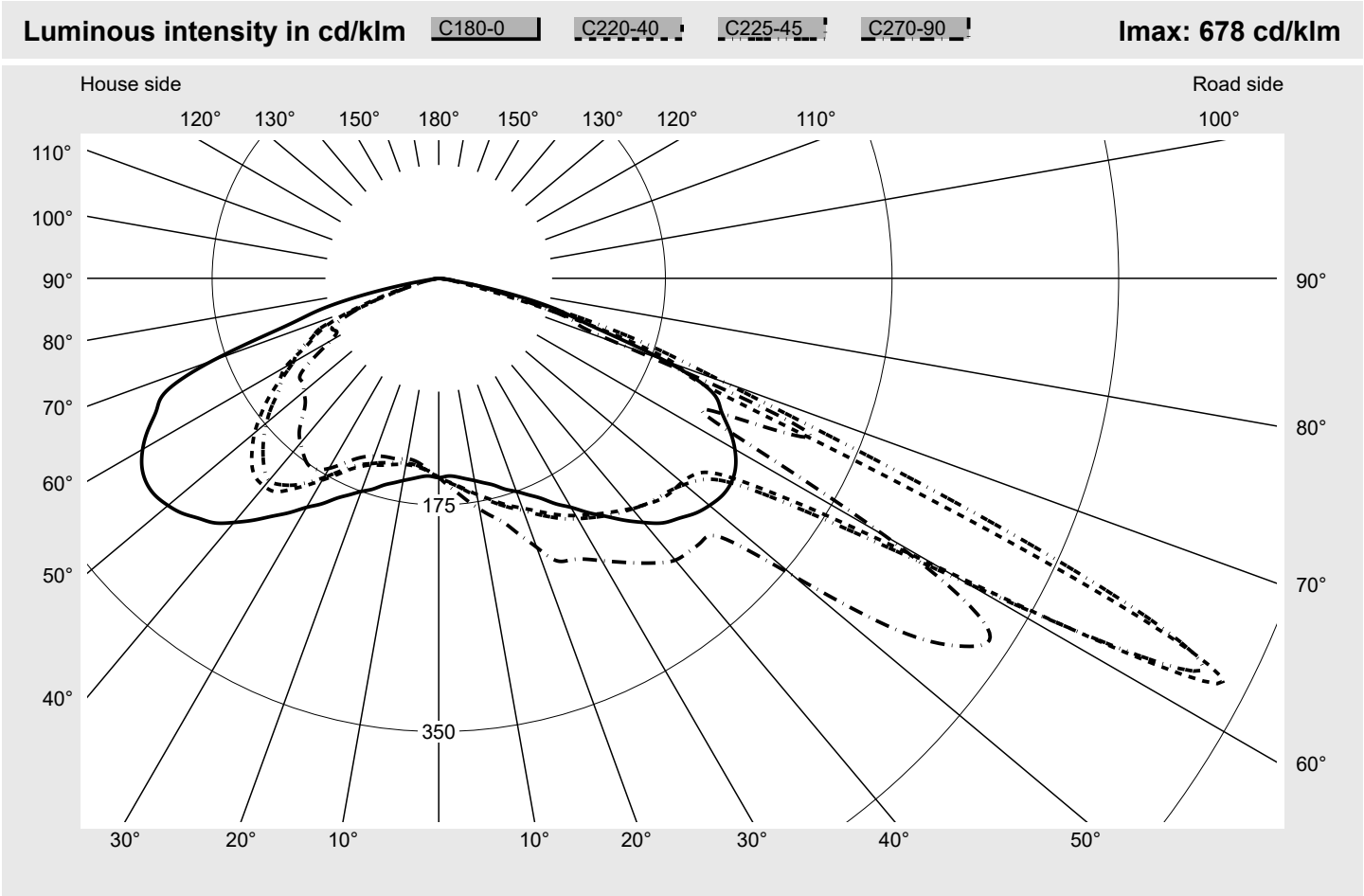
ECG SITECO

Net luminous flux = 22470 lm  
Power consumption = 149.4 W  
Luminous efficacy = 150.4 lm/W

LP number  
59798\_2261

serial  
documentation  
26.08.2025

siteco



| Luminaire output ratios   |        | Luminous intensity class acc. to EN13201-2 |       |
|---------------------------|--------|--------------------------------------------|-------|
| Eta                       | 100.0% | Class:                                     | G3    |
| Eta 0° - 90°              | 100.0% | Imax 70°                                   | 623.9 |
| Eta 90° - 180°            | 0.0%   | Imax 80°                                   | 57.0  |
|                           |        | 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  
Streetlight 31 midi toolless

Order number: 5XH713AA08NA  
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LP number  
59798\_2261

Envelope curve in cd/klm

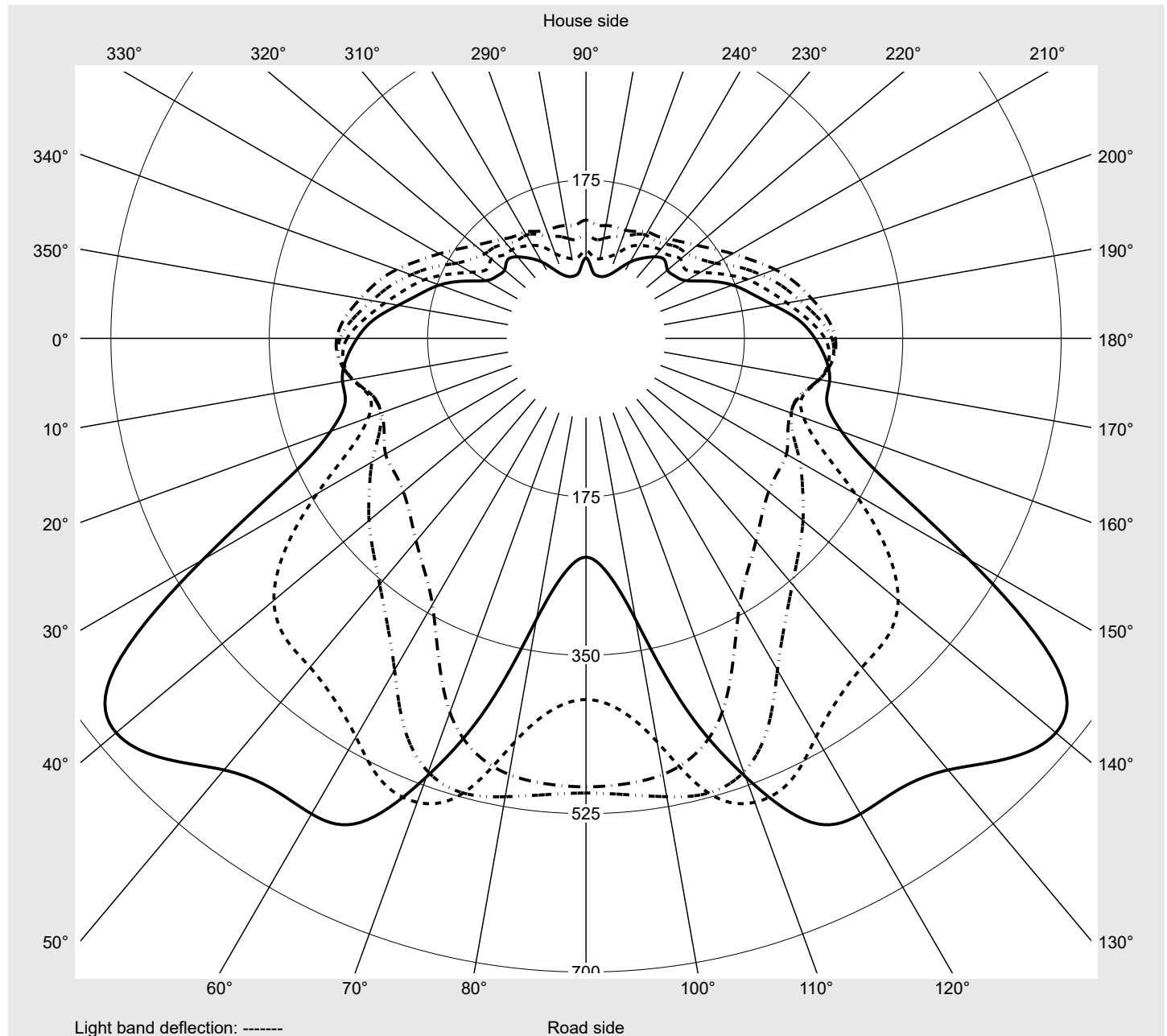
KMK 62.5°

KMK 60°

KMK 57.5°

KMK 55°

siteco



Photometric test report

|                                        |                                                  |                         |
|----------------------------------------|--------------------------------------------------|-------------------------|
| Family<br>Streetlight 31 midi toolless | Order number: 5XH713AA08NA<br>EAN: 4069025513861 | LP number<br>59798_2261 |
|----------------------------------------|--------------------------------------------------|-------------------------|

|                                          |                            |        |
|------------------------------------------|----------------------------|--------|
| 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°         | 153.9                        | 153.9      | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       | 153.9       |
| 2,5°         | 152.9                        | 153.3      | 153.8       | 154.4       | 154.9       | 155.4       | 156.0       | 156.5       | 157.0       | 157.5       | 157.9       | 158.3       | 158.7       |
| 5,0°         | 153.8                        | 154.6      | 155.4       | 156.5       | 157.5       | 158.3       | 158.9       | 159.7       | 160.5       | 161.0       | 161.6       | 162.2       | 162.9       |
| 7,5°         | 156.0                        | 157.1      | 158.0       | 159.2       | 160.3       | 161.4       | 162.4       | 163.6       | 164.7       | 165.8       | 166.8       | 167.8       | 168.6       |
| 10,0°        | 158.6                        | 159.8      | 160.7       | 162.1       | 163.6       | 165.0       | 166.3       | 167.8       | 169.4       | 170.8       | 172.3       | 173.6       | 174.7       |
| 12,5°        | 161.8                        | 162.9      | 164.3       | 166.1       | 167.9       | 169.6       | 171.0       | 172.5       | 174.0       | 175.6       | 177.3       | 178.9       | 180.3       |
| 15,0°        | 165.4                        | 166.9      | 168.3       | 170.4       | 172.5       | 174.3       | 176.0       | 177.5       | 179.2       | 180.7       | 182.1       | 184.2       | 186.5       |
| 17,5°        | 170.8                        | 172.0      | 173.2       | 175.2       | 177.0       | 179.0       | 180.8       | 182.5       | 184.2       | 185.9       | 187.6       | 189.5       | 193.3       |
| 20,0°        | 175.2                        | 177.6      | 179.4       | 180.6       | 182.3       | 183.8       | 185.4       | 187.0       | 188.9       | 190.8       | 193.3       | 195.6       | 198.8       |
| 22,5°        | 181.0                        | 183.3      | 185.4       | 187.4       | 188.4       | 189.3       | 190.5       | 192.0       | 194.2       | 197.0       | 200.2       | 203.5       | 206.3       |
| 25,0°        | 187.6                        | 190.1      | 191.6       | 193.7       | 195.1       | 195.1       | 195.8       | 197.7       | 200.2       | 203.2       | 206.9       | 210.2       | 213.0       |
| 27,5°        | 196.4                        | 198.0      | 199.0       | 200.0       | 201.5       | 201.5       | 201.7       | 203.7       | 206.2       | 209.3       | 212.5       | 215.7       | 218.7       |
| 30,0°        | 204.2                        | 206.2      | 206.7       | 206.7       | 207.3       | 207.7       | 207.4       | 209.4       | 211.5       | 214.4       | 217.0       | 219.4       | 222.1       |
| 32,5°        | 214.5                        | 215.1      | 214.9       | 213.5       | 212.7       | 212.7       | 212.5       | 214.6       | 216.5       | 219.1       | 221.3       | 223.8       | 226.6       |
| 35,0°        | 224.3                        | 224.9      | 223.5       | 220.7       | 217.8       | 217.6       | 217.3       | 220.0       | 221.5       | 223.9       | 226.4       | 229.1       | 232.2       |
| 37,5°        | 235.5                        | 234.4      | 231.5       | 226.7       | 222.7       | 222.0       | 221.6       | 224.9       | 226.7       | 228.3       | 230.7       | 233.9       | 237.1       |
| 40,0°        | 246.1                        | 244.1      | 238.9       | 231.2       | 227.0       | 225.6       | 225.6       | 229.6       | 231.8       | 232.5       | 234.7       | 237.4       | 240.3       |
| 42,5°        | 256.1                        | 251.5      | 243.7       | 234.8       | 230.4       | 228.4       | 229.6       | 234.7       | 236.8       | 236.6       | 237.3       | 239.0       | 242.2       |
| 45,0°        | 262.1                        | 258.4      | 248.9       | 238.5       | 233.4       | 230.6       | 232.6       | 238.8       | 241.5       | 239.6       | 239.3       | 241.4       | 245.8       |
| 47,5°        | 268.6                        | 264.5      | 253.2       | 241.5       | 235.7       | 233.5       | 235.8       | 240.9       | 243.9       | 242.5       | 242.8       | 246.1       | 252.5       |
| 50,0°        | 272.9                        | 269.4      | 256.7       | 243.7       | 237.1       | 236.9       | 240.1       | 244.1       | 245.1       | 247.7       | 250.1       | 255.0       | 265.8       |
| 52,5°        | 275.7                        | 272.4      | 259.2       | 245.1       | 239.2       | 241.2       | 245.9       | 248.1       | 248.9       | 255.6       | 263.8       | 274.7       | 290.4       |
| 55,0°        | 275.5                        | 273.8      | 261.2       | 245.1       | 240.6       | 246.1       | 255.7       | 258.3       | 263.4       | 275.1       | 292.1       | 311.9       | 339.5       |
| 57,5°        | 271.7                        | 273.1      | 261.7       | 244.1       | 241.5       | 252.6       | 273.0       | 292.3       | 313.0       | 332.6       | 354.8       | 383.3       | 423.1       |
| 60,0°        | 264.0                        | 269.5      | 261.9       | 247.8       | 256.0       | 286.6       | 343.4       | 405.3       | 450.2       | 469.1       | 474.4       | 485.9       | 508.4       |
| 62,5°        | 253.0                        | 266.1      | 273.3       | 275.7       | 300.5       | 360.4       | 488.8       | 635.9       | 677.8       | 656.9       | 622.4       | 606.6       | 606.6       |
| 65,0°        | 240.3                        | 274.2      | 286.5       | 273.7       | 264.1       | 275.7       | 311.3       | 384.1       | 511.5       | 564.9       | 556.9       | 590.7       | 600.5       |
| 67,5°        | 227.7                        | 249.1      | 236.1       | 196.9       | 168.4       | 167.8       | 182.1       | 207.7       | 249.4       | 360.6       | 503.8       | 535.0       | 349.3       |
| 70,0°        | 185.7                        | 185.4      | 184.1       | 169.0       | 150.8       | 152.0       | 157.7       | 172.3       | 195.9       | 234.0       | 284.0       | 366.9       | 498.5       |
| 72,5°        | 126.9                        | 155.2      | 171.0       | 150.9       | 111.5       | 93.7        | 90.0        | 103.8       | 134.0       | 166.6       | 192.6       | 201.1       | 236.6       |
| 75,0°        | 96.9                         | 117.8      | 119.7       | 83.1        | 44.1        | 31.7        | 30.5        | 39.5        | 61.7        | 98.4        | 139.1       | 154.4       | 150.9       |
| 77,5°        | 60.5                         | 54.0       | 41.1        | 25.1        | 13.3        | 11.4        | 11.3        | 14.3        | 24.0        | 44.4        | 79.4        | 107.8       | 98.4        |
| 80,0°        | 22.7                         | 9.2        | 5.9         | 6.4         | 6.7         | 6.7         | 6.6         | 7.4         | 10.8        | 16.5        | 36.0        | 55.9        | 57.0        |
| 82,5°        | 4.1                          | 2.8        | 3.0         | 3.2         | 3.4         | 3.5         | 3.5         | 3.8         | 4.8         | 7.4         | 13.0        | 24.0        | 27.7        |
| 85,0°        | 1.2                          | 1.2        | 1.2         | 1.2         | 1.2         | 1.2         | 1.4         | 1.4         | 1.5         | 2.0         | 2.7         | 5.0         | 6.9         |
| 87,5°        | 0.7                          | 0.7        | 0.7         | 0.7         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.7         |
| 90,0°        | 0.0                          | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |

Photometric test report

|                                          |                              |                                                  |             |             |            |       |              |              |              |                            |              |                         |              |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|------------|-------|--------------|--------------|--------------|----------------------------|--------------|-------------------------|--------------|
| Family<br>Streetlight 31 midi toolless   |                              | Order number: 5XH713AA08NA<br>EAN: 4069025513861 |             |             |            |       |              |              |              |                            |              | LP number<br>59798_2261 |              |
| 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°                                     | 153.9                        | 153.9                                            | 153.9       | 153.9       | 153.9      | 153.9 | 153.9        | 153.9        | 153.9        | 153.9                      | 153.9        | 153.9                   | 153.9        |
| 2,5°                                     | 159.1                        | 159.4                                            | 159.7       | 159.8       | 159.9      | 160.0 | 152.4        | 151.8        | 151.6        | 151.3                      | 150.9        | 150.6                   | 150.4        |
| 5,0°                                     | 163.7                        | 164.5                                            | 165.1       | 165.6       | 166.1      | 166.3 | 152.8        | 151.7        | 150.9        | 150.3                      | 149.5        | 148.7                   | 148.0        |
| 7,5°                                     | 169.4                        | 170.2                                            | 171.2       | 172.3       | 173.2      | 173.6 | 154.4        | 152.8        | 151.7        | 150.4                      | 149.3        | 148.1                   | 147.1        |
| 10,0°                                    | 175.5                        | 176.3                                            | 177.2       | 178.7       | 180.2      | 180.9 | 156.5        | 154.6        | 153.1        | 151.7                      | 150.1        | 148.7                   | 147.4        |
| 12,5°                                    | 181.6                        | 182.5                                            | 183.3       | 184.9       | 187.0      | 188.0 | 159.7        | 157.3        | 155.6        | 153.7                      | 152.0        | 150.4                   | 148.5        |
| 15,0°                                    | 188.7                        | 190.7                                            | 191.4       | 192.4       | 194.5      | 195.4 | 163.4        | 160.8        | 158.9        | 156.9                      | 154.7        | 152.7                   | 150.9        |
| 17,5°                                    | 198.0                        | 202.0                                            | 204.3       | 204.2       | 206.1      | 207.7 | 168.2        | 165.4        | 162.6        | 160.0                      | 157.6        | 155.4                   | 153.3        |
| 20,0°                                    | 206.1                        | 212.8                                            | 217.8       | 217.6       | 218.8      | 221.0 | 172.1        | 169.3        | 166.3        | 163.1                      | 160.2        | 157.5                   | 155.2        |
| 22,5°                                    | 211.5                        | 220.9                                            | 227.4       | 228.6       | 229.6      | 235.8 | 177.3        | 174.5        | 171.9        | 168.2                      | 164.7        | 161.6                   | 159.2        |
| 25,0°                                    | 216.0                        | 224.8                                            | 231.2       | 232.8       | 233.2      | 240.0 | 184.4        | 180.8        | 178.1        | 174.8                      | 170.8        | 167.5                   | 165.0        |
| 27,5°                                    | 220.8                        | 226.8                                            | 232.8       | 234.6       | 234.6      | 244.5 | 192.9        | 189.3        | 185.7        | 183.1                      | 179.7        | 176.3                   | 173.6        |
| 30,0°                                    | 224.8                        | 229.3                                            | 236.4       | 238.7       | 238.5      | 251.8 | 201.8        | 198.4        | 194.5        | 190.6                      | 188.8        | 185.4                   | 182.4        |
| 32,5°                                    | 229.5                        | 233.4                                            | 241.7       | 245.6       | 245.0      | 259.8 | 211.7        | 208.7        | 205.0        | 201.0                      | 197.7        | 196.5                   | 192.8        |
| 35,0°                                    | 234.9                        | 238.7                                            | 246.3       | 252.1       | 252.4      | 268.4 | 222.9        | 220.0        | 216.2        | 212.5                      | 208.5        | 205.4                   | 204.0        |
| 37,5°                                    | 240.1                        | 243.6                                            | 251.3       | 261.6       | 263.1      | 277.0 | 234.2        | 231.2        | 227.2        | 223.4                      | 219.2        | 215.1                   | 210.2        |
| 40,0°                                    | 243.8                        | 247.9                                            | 256.6       | 273.9       | 278.8      | 284.1 | 245.3        | 242.2        | 237.9        | 233.5                      | 228.7        | 223.0                   | 216.7        |
| 42,5°                                    | 246.4                        | 252.9                                            | 262.7       | 285.1       | 288.5      | 286.1 | 255.1        | 251.8        | 247.3        | 241.9                      | 235.3        | 227.8                   | 219.2        |
| 45,0°                                    | 251.6                        | 260.7                                            | 270.1       | 282.6       | 289.1      | 287.3 | 261.5        | 259.0        | 254.5        | 247.6                      | 239.1        | 229.2                   | 216.9        |
| 47,5°                                    | 261.0                        | 273.6                                            | 281.2       | 289.3       | 296.3      | 296.3 | 266.6        | 262.3        | 257.3        | 249.7                      | 238.9        | 225.6                   | 210.4        |
| 50,0°                                    | 279.0                        | 298.4                                            | 311.8       | 330.3       | 349.0      | 357.1 | 270.0        | 263.8        | 255.6        | 246.5                      | 233.4        | 217.1                   | 200.4        |
| 52,5°                                    | 315.1                        | 351.1                                            | 385.6       | 420.3       | 441.3      | 446.2 | 270.7        | 260.9        | 250.0        | 237.0                      | 221.3        | 205.0                   | 187.3        |
| 55,0°                                    | 386.3                        | 439.7                                            | 473.6       | 489.2       | 494.1      | 495.4 | 267.0        | 253.2        | 239.2        | 222.5                      | 203.6        | 187.1                   | 172.2        |
| 57,5°                                    | 474.9                        | 509.7                                            | 520.2       | 514.1       | 506.0      | 502.2 | 257.7        | 240.1        | 224.0        | 205.6                      | 186.4        | 165.9                   | 153.3        |
| 60,0°                                    | 537.7                        | 545.3                                            | 519.2       | 452.5       | 411.2      | 399.0 | 245.7        | 225.6        | 207.2        | 189.8                      | 167.7        | 146.1                   | 133.5        |
| 62,5°                                    | 590.0                        | 515.5                                            | 421.5       | 315.3       | 258.8      | 241.7 | 235.6        | 210.7        | 189.9        | 172.3                      | 149.6        | 127.7                   | 120.1        |
| 65,0°                                    | 483.5                        | 302.1                                            | 187.1       | 194.0       | 243.5      | 258.9 | 209.5        | 187.8        | 172.2        | 155.2                      | 131.6        | 112.6                   | 104.5        |
| 67,5°                                    | 189.2                        | 219.9                                            | 403.6       | 398.0       | 335.1      | 304.9 | 192.4        | 159.6        | 147.1        | 135.6                      | 113.1        | 96.5                    | 91.2         |
| 70,0°                                    | 623.9                        | 488.5                                            | 293.6       | 190.4       | 158.1      | 150.3 | 173.4        | 146.1        | 127.2        | 114.7                      | 96.8         | 80.7                    | 75.9         |
| 72,5°                                    | 266.8                        | 208.4                                            | 157.0       | 131.3       | 114.1      | 109.4 | 118.5        | 122.0        | 114.7        | 96.9                       | 76.6         | 64.1                    | 54.6         |
| 75,0°                                    | 143.3                        | 125.1                                            | 104.9       | 89.5        | 77.5       | 73.1  | 62.5         | 68.5         | 86.0         | 79.6                       | 61.7         | 45.1                    | 32.8         |
| 77,5°                                    | 87.4                         | 73.2                                             | 61.5        | 52.2        | 46.1       | 43.5  | 37.1         | 27.9         | 43.3         | 49.7                       | 37.5         | 21.9                    | 11.8         |
| 80,0°                                    | 48.8                         | 40.2                                             | 34.1        | 29.5        | 25.5       | 23.9  | 17.2         | 9.9          | 14.2         | 20.5                       | 16.7         | 6.9                     | 6.2          |
| 82,5°                                    | 23.2                         | 19.1                                             | 15.7        | 13.5        | 11.6       | 10.9  | 3.9          | 3.1          | 3.7          | 4.7                        | 4.1          | 3.1                     | 3.1          |
| 85,0°                                    | 7.4                          | 6.0                                              | 4.9         | 4.0         | 3.5        | 3.2   | 1.2          | 1.2          | 1.2          | 1.2                        | 1.2          | 1.2                     | 1.3          |
| 87,5°                                    | 0.7                          | 0.7                                              | 0.6         | 0.6         | 0.6        | 0.6   | 0.7          | 0.7          | 0.7          | 0.7                        | 0.7          | 0.7                     | 0.7          |
| 90,0°                                    | 0.0                          | 0.0                                              | 0.0         | 0.0         | 0.0        | 0.0   | 0.0          | 0.0          | 0.0          | 0.0                        | 0.0          | 0.0                     | 0.0          |

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|                                          |                              |                                                  |              |              |              |              |              |              |              |                            |                         |                         |                   |
|------------------------------------------|------------------------------|--------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------------|-------------------------|-------------------------|-------------------|
| Family<br>Streetlight 31 midi toolless   |                              | Order number: 5XH713AA08NA<br>EAN: 4069025513861 |              |              |              |              |              |              |              |                            |                         | LP number<br>59798_2261 |                   |
| 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°                                     | 153.9                        | 153.9                                            | 153.9        | 153.9        | 153.9        | 153.9        | 153.9        | 153.9        | 153.9        | 153.9                      | 153.9                   | 0.2                     | 0.2               |
| 2,5°                                     | 150.1                        | 149.8                                            | 149.7        | 149.6        | 149.4        | 149.3        | 149.3        | 149.3        | 149.3        | 149.4                      | 149.4                   | 1.8                     | 2.1               |
| 5,0°                                     | 147.4                        | 146.7                                            | 146.1        | 145.7        | 145.4        | 145.0        | 144.8        | 144.8        | 144.8        | 144.9                      | 144.9                   | 3.7                     | 5.8               |
| 7,5°                                     | 146.1                        | 145.0                                            | 144.3        | 143.6        | 143.0        | 142.5        | 142.1        | 142.1        | 142.1        | 142.2                      | 142.1                   | 5.6                     | 11.3              |
| 10,0°                                    | 146.1                        | 145.0                                            | 143.9        | 143.2        | 142.4        | 141.8        | 141.3        | 141.2        | 141.3        | 141.4                      | 141.5                   | 7.5                     | 18.9              |
| 12,5°                                    | 147.1                        | 145.9                                            | 144.8        | 143.9        | 143.2        | 142.7        | 142.5        | 142.6        | 142.8        | 142.9                      | 143.0                   | 9.6                     | 28.5              |
| 15,0°                                    | 149.1                        | 147.5                                            | 146.3        | 145.0        | 144.1        | 143.4        | 142.9        | 142.9        | 143.0        | 143.3                      | 143.4                   | 11.7                    | 40.2              |
| 17,5°                                    | 151.3                        | 149.3                                            | 147.8        | 147.0        | 146.1        | 145.1        | 144.5        | 144.0        | 143.9        | 143.9                      | 144.2                   | 14.0                    | 54.2              |
| 20,0°                                    | 153.3                        | 152.2                                            | 151.1        | 150.0        | 149.0        | 148.1        | 147.2        | 146.4        | 145.9        | 145.8                      | 146.1                   | 16.4                    | 70.7              |
| 22,5°                                    | 157.3                        | 155.7                                            | 154.9        | 154.3        | 153.1        | 152.0        | 150.8        | 149.8        | 149.0        | 148.7                      | 149.1                   | 19.0                    | 89.6              |
| 25,0°                                    | 162.9                        | 161.3                                            | 160.4        | 159.5        | 158.9        | 157.6        | 156.3        | 155.0        | 154.1        | 153.6                      | 154.2                   | 21.6                    | 111.3             |
| 27,5°                                    | 171.1                        | 168.6                                            | 168.0        | 167.0        | 166.0        | 165.1        | 163.7        | 162.7        | 161.7        | 161.1                      | 161.6                   | 24.4                    | 135.7             |
| 30,0°                                    | 179.9                        | 177.7                                            | 176.3        | 175.3        | 174.1        | 172.9        | 171.9        | 170.8        | 169.7        | 169.1                      | 169.5                   | 27.4                    | 163.1             |
| 32,5°                                    | 189.5                        | 186.7                                            | 185.2        | 183.1        | 181.4        | 180.1        | 179.0        | 177.4        | 176.0        | 175.1                      | 175.0                   | 30.5                    | 193.6             |
| 35,0°                                    | 198.9                        | 194.9                                            | 192.0        | 189.5        | 186.2        | 183.6        | 181.9        | 179.0        | 176.9        | 175.6                      | 175.8                   | 33.6                    | 227.2             |
| 37,5°                                    | 207.6                        | 200.8                                            | 196.1        | 191.4        | 185.8        | 181.2        | 178.5        | 175.5        | 173.1        | 171.7                      | 171.5                   | 36.5                    | 263.8             |
| 40,0°                                    | 209.5                        | 203.8                                            | 195.1        | 187.8        | 180.7        | 175.2        | 171.9        | 169.1        | 166.9        | 165.8                      | 166.0                   | 39.3                    | 303.0             |
| 42,5°                                    | 209.0                        | 199.4                                            | 190.8        | 181.1        | 173.4        | 167.7        | 164.3        | 161.7        | 159.7        | 159.1                      | 159.3                   | 41.7                    | 344.7             |
| 45,0°                                    | 204.0                        | 191.9                                            | 183.0        | 172.6        | 165.1        | 159.6        | 156.3        | 152.5        | 149.3        | 147.7                      | 147.8                   | 43.7                    | 388.4             |
| 47,5°                                    | 195.4                        | 183.3                                            | 173.3        | 165.6        | 156.8        | 149.0        | 143.9        | 140.5        | 138.4        | 138.2                      | 139.8                   | 45.6                    | 434.0             |
| 50,0°                                    | 185.6                        | 173.6                                            | 164.0        | 154.2        | 144.2        | 138.5        | 137.0        | 136.0        | 134.9        | 134.8                      | 136.0                   | 48.2                    | 482.2             |
| 52,5°                                    | 173.2                        | 162.6                                            | 152.2        | 141.9        | 140.0        | 135.1        | 132.1        | 130.8        | 129.2        | 128.9                      | 132.2                   | 52.1                    | 534.3             |
| 55,0°                                    | 160.0                        | 150.6                                            | 143.1        | 137.8        | 135.7        | 130.5        | 127.3        | 127.3        | 126.6        | 126.0                      | 130.8                   | 56.4                    | 590.7             |
| 57,5°                                    | 145.7                        | 142.6                                            | 136.2        | 132.0        | 131.8        | 126.7        | 119.8        | 116.6        | 111.9        | 110.1                      | 114.6                   | 60.7                    | 651.4             |
| 60,0°                                    | 136.4                        | 129.9                                            | 127.7        | 123.8        | 118.6        | 111.3        | 99.7         | 93.1         | 89.3         | 90.6                       | 96.7                    | 65.1                    | 716.5             |
| 62,5°                                    | 117.5                        | 122.6                                            | 117.6        | 108.0        | 97.4         | 84.2         | 74.8         | 70.7         | 70.4         | 75.9                       | 88.8                    | 70.5                    | 787.0             |
| 65,0°                                    | 105.1                        | 107.7                                            | 103.0        | 86.6         | 70.4         | 62.2         | 58.9         | 58.0         | 57.6         | 65.6                       | 91.0                    | 59.1                    | 846.2             |
| 67,5°                                    | 91.4                         | 95.9                                             | 78.9         | 58.2         | 51.3         | 50.5         | 50.5         | 45.2         | 40.7         | 48.6                       | 78.6                    | 48.7                    | 894.8             |
| 70,0°                                    | 68.4                         | 57.8                                             | 51.5         | 42.6         | 42.2         | 44.3         | 38.5         | 25.7         | 21.0         | 30.1                       | 60.3                    | 43.2                    | 938.0             |
| 72,5°                                    | 43.3                         | 34.9                                             | 32.5         | 34.1         | 37.1         | 35.6         | 20.9         | 16.3         | 17.0         | 20.4                       | 34.9                    | 27.8                    | 965.8             |
| 75,0°                                    | 25.0                         | 22.6                                             | 25.6         | 29.5         | 28.0         | 20.4         | 14.3         | 12.0         | 11.5         | 12.4                       | 17.2                    | 17.6                    | 983.3             |
| 77,5°                                    | 11.6                         | 14.3                                             | 17.1         | 18.0         | 15.2         | 11.7         | 10.3         | 8.3          | 6.8          | 6.6                        | 10.8                    | 9.5                     | 992.9             |
| 80,0°                                    | 6.5                          | 7.0                                              | 8.1          | 8.5          | 8.0          | 7.4          | 6.3          | 4.9          | 3.3          | 2.0                        | 1.6                     | 4.4                     | 997.3             |
| 82,5°                                    | 3.3                          | 3.6                                              | 4.1          | 4.1          | 4.3          | 4.1          | 3.3          | 2.5          | 1.9          | 1.2                        | 1.0                     | 1.9                     | 999.2             |
| 85,0°                                    | 1.4                          | 1.5                                              | 1.6          | 1.6          | 1.7          | 1.7          | 1.5          | 1.3          | 1.0          | 0.9                        | 0.9                     | 0.6                     | 999.8             |
| 87,5°                                    | 0.7                          | 0.8                                              | 0.8          | 0.8          | 0.8          | 0.8          | 0.9          | 0.9          | 0.9          | 0.9                        | 0.9                     | 0.2                     | 1000.0            |
| 90,0°                                    | 0.0                          | 0.0                                              | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0                        | 0.0                     | 0.0                     | 1000.0            |

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

|                                               |                                                                |                                 |
|-----------------------------------------------|----------------------------------------------------------------|---------------------------------|
| Family<br><b>Streetlight 31 midi toolless</b> | Order number: <b>5XH713AA08NA</b><br>EAN: <b>4069025513861</b> | LP number<br><b>59798_2261</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]<br>start of lifetime | Power consumption<br>[W]<br>end of lifetime | Power consumption<br>[W]<br>average |
|--------------------|-------------------------|------------------------------|-----------------------|-----------------------------------------------|---------------------------------------------|-------------------------------------|
| 100                | 254                     | 254                          | 22470                 | 149.4                                         | 163.4                                       | 156.4                               |
| 95                 | 239                     | 252                          | 21376                 | 140.0                                         | 152.6                                       | 146.3                               |
| 90                 | 224                     | 249                          | 20254                 | 130.7                                         | 142.4                                       | 136.6                               |
| 85                 | 209                     | 247                          | 19100                 | 121.6                                         | 132.4                                       | 127.0                               |
| 80                 | 195                     | 244                          | 17996                 | 113.1                                         | 123.0                                       | 118.0                               |
| 75                 | 181                     | 242                          | 16867                 | 104.7                                         | 113.9                                       | 109.3                               |
| 70                 | 167                     | 239                          | 15714                 | 96.4                                          | 104.8                                       | 100.6                               |
| 65                 | 154                     | 236                          | 14619                 | 88.8                                          | 96.4                                        | 92.6                                |
| 60                 | 141                     | 232                          | 13503                 | 81.2                                          | 88.2                                        | 84.7                                |
| 55                 | 128                     | 229                          | 12365                 | 73.6                                          | 79.9                                        | 76.8                                |
| 50                 | 115                     | 225                          | 11209                 | 66.1                                          | 71.7                                        | 68.9                                |
| 45                 | 103                     | 221                          | 10122                 | 59.2                                          | 64.2                                        | 61.7                                |
| 40                 | 91                      | 216                          | 9021                  | 52.4                                          | 56.8                                        | 54.6                                |
| 35                 | 79                      | 211                          | 7902                  | 45.4                                          | 49.3                                        | 47.3                                |
| 30                 | 67                      | 205                          | 6769                  | 38.7                                          | 41.8                                        | 40.2                                |
| 25                 | 55                      | 198                          | 5616                  | 32.0                                          | 34.6                                        | 33.3                                |
| 20                 | 43                      | 189                          | 4451                  | 25.4                                          | 27.4                                        | 26.4                                |
| 15                 | 32                      | 178                          | 3367                  | 19.5                                          | 21.0                                        | 20.2                                |
| 10                 | 21                      | 163                          | 2272                  | 13.6                                          | 14.6                                        | 14.1                                |
| 10                 | 20                      | 161                          | 2171                  | 13.1                                          | 14.0                                        | 13.6                                |

| 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]<br>start of lifetime | Power consumption<br>[W]<br>end of lifetime | Power consumption<br>[W]<br>average |
| 100                  | 254                     | 254                            | 23180                 | 151.2                                         | 165.3                                       | 158.2                               |
| 95                   | 239                     | 252                            | 22017                 | 141.7                                         | 154.5                                       | 148.1                               |
| 90                   | 224                     | 249                            | 20829                 | 132.3                                         | 144.2                                       | 138.2                               |
| 85                   | 210                     | 247                            | 19695                 | 123.8                                         | 134.7                                       | 129.2                               |
| 80                   | 196                     | 245                            | 18536                 | 115.2                                         | 125.2                                       | 120.2                               |
| 75                   | 182                     | 242                            | 17358                 | 106.8                                         | 116.0                                       | 111.4                               |
| 70                   | 169                     | 239                            | 16245                 | 98.9                                          | 107.4                                       | 103.2                               |
| 65                   | 155                     | 236                            | 15026                 | 90.6                                          | 98.4                                        | 94.5                                |
| 60                   | 142                     | 233                            | 13870                 | 82.8                                          | 90.0                                        | 86.4                                |
| 55                   | 130                     | 229                            | 12789                 | 75.8                                          | 82.3                                        | 79.0                                |
| 50                   | 117                     | 226                            | 11599                 | 68.3                                          | 74.0                                        | 71.2                                |
| 45                   | 104                     | 221                            | 10392                 | 60.7                                          | 65.8                                        | 63.2                                |
| 40                   | 92                      | 217                            | 9264                  | 53.7                                          | 58.2                                        | 56.0                                |
| 35                   | 80                      | 212                            | 8121                  | 46.7                                          | 50.6                                        | 48.7                                |
| 30                   | 68                      | 206                            | 6964                  | 39.8                                          | 43.1                                        | 41.4                                |
| 25                   | 56                      | 199                            | 5791                  | 33.1                                          | 35.7                                        | 34.4                                |
| 20                   | 44                      | 190                            | 4607                  | 26.4                                          | 28.4                                        | 27.4                                |
| 15                   | 33                      | 179                            | 3508                  | 20.4                                          | 21.9                                        | 21.2                                |
| 10                   | 21                      | 163                            | 2297                  | 13.8                                          | 14.8                                        | 14.3                                |
| 9                    | 20                      | 161                            | 2196                  | 13.3                                          | 14.2                                        | 13.8                                |

Photometric test report

|                                                                        |                                                                |                                                                                     |
|------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Family</b><br><b>Streetlight 31 midi toolless</b>                   | <b>Order number: 5XH713AA08NA</b><br><b>EAN: 4069025513861</b> | <b>LP number</b><br><b>59798_2261</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                          | 22860                 | 150.2                                         | 164.3                                       | 157.2                               |
| 95                 | 239                     | 252                          | 21730                 | 140.8                                         | 153.5                                       | 147.2                               |
| 90                 | 224                     | 249                          | 20572                 | 131.5                                         | 143.3                                       | 137.4                               |
| 85                 | 210                     | 247                          | 19465                 | 122.9                                         | 133.8                                       | 128.4                               |
| 80                 | 195                     | 244                          | 18251                 | 113.8                                         | 123.8                                       | 118.8                               |
| 75                 | 182                     | 242                          | 17177                 | 106.0                                         | 115.2                                       | 110.6                               |
| 70                 | 168                     | 239                          | 16000                 | 97.6                                          | 106.1                                       | 101.8                               |
| 65                 | 155                     | 236                          | 14886                 | 90.0                                          | 97.7                                        | 93.8                                |
| 60                 | 142                     | 233                          | 13748                 | 82.3                                          | 89.4                                        | 85.8                                |
| 55                 | 129                     | 229                          | 12592                 | 74.7                                          | 81.1                                        | 77.9                                |
| 50                 | 116                     | 225                          | 11417                 | 67.2                                          | 72.9                                        | 70.1                                |
| 45                 | 104                     | 221                          | 10316                 | 60.2                                          | 65.3                                        | 62.8                                |
| 40                 | 91                      | 216                          | 9107                  | 52.7                                          | 57.2                                        | 55.0                                |
| 35                 | 79                      | 211                          | 7973                  | 45.8                                          | 49.7                                        | 47.8                                |
| 30                 | 67                      | 205                          | 6826                  | 39.0                                          | 42.1                                        | 40.6                                |
| 25                 | 56                      | 199                          | 5759                  | 32.8                                          | 35.4                                        | 34.1                                |
| 20                 | 44                      | 190                          | 4584                  | 26.2                                          | 28.2                                        | 27.2                                |
| 15                 | 32                      | 178                          | 3391                  | 19.7                                          | 21.1                                        | 20.4                                |
| 10                 | 21                      | 163                          | 2287                  | 13.7                                          | 14.7                                        | 14.2                                |
| 10                 | 20                      | 161                          | 2186                  | 13.2                                          | 14.1                                        | 13.6                                |

Photometric test report

|                                        |                                                  |                         |
|----------------------------------------|--------------------------------------------------|-------------------------|
| Family<br>Streetlight 31 midi toolless | Order number: 5XH713AA08NA<br>EAN: 4069025513861 | LP number<br>59798_2261 |
| Luminousfluxs table                    |                                                  | siteco                  |

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 22470.0             | 149.4                  |
| 5.0               | 23180.0             | 151.2                  |
| 15.0              | 22860.0             | 150.2                  |