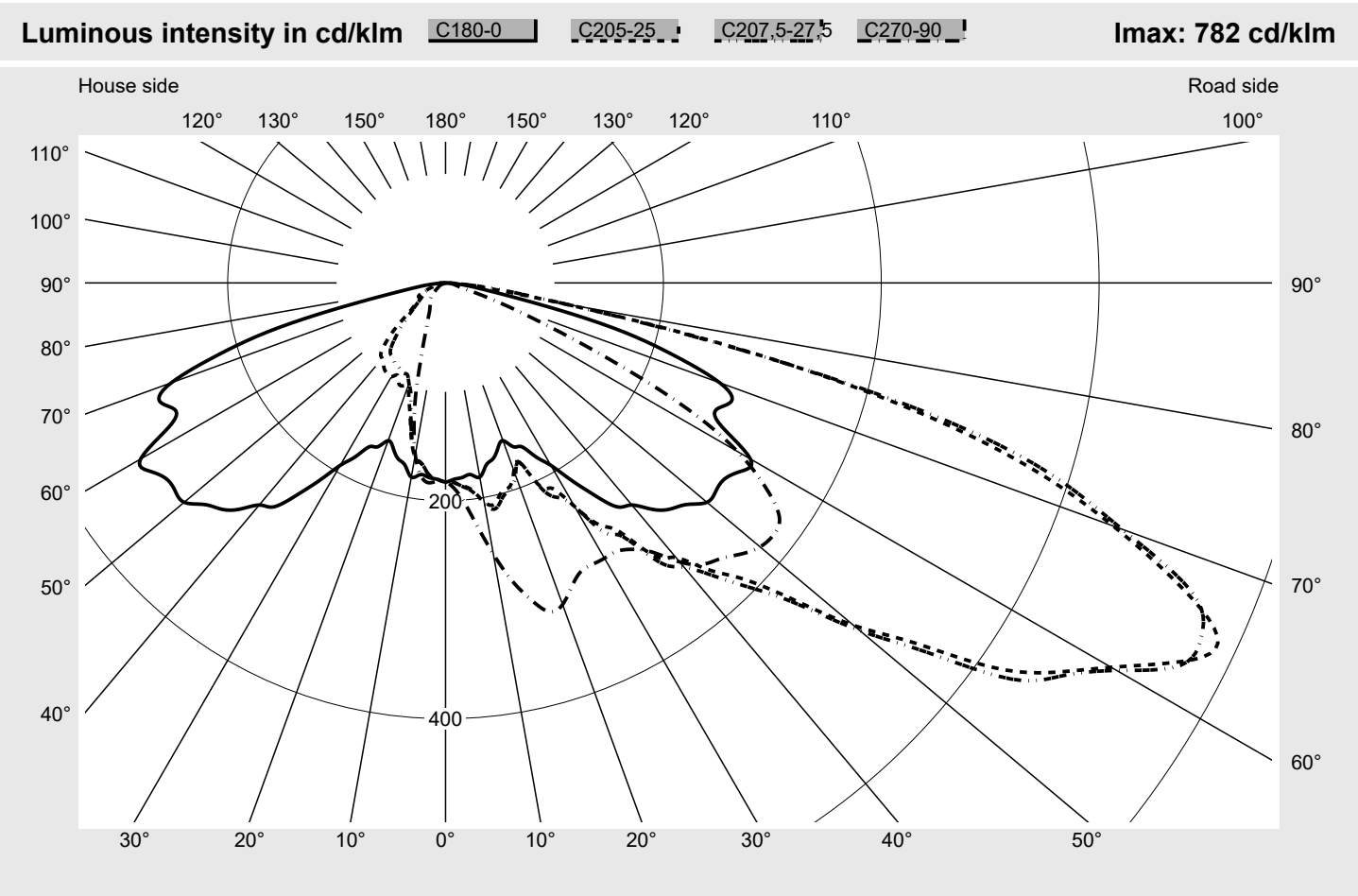


Photometric test report

|                          |                                                                                 |                                                                                             |                                       |
|--------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------|
| Family<br>LARGE BELL LED | Order number: 5XA1565M1F108 + 5NA15600XB1<br>EAN: 4069025123466 + 4050737087955 |                                                                                             | LP number<br>59565_22                 |
|                          | Version                                                                         | suspended mounting at curved mast extension<br>or wall bracket                              | serial<br>documentation<br>18.03.2024 |
|                          | Optic                                                                           | asymmetric, wide distribution (ST1.2a)                                                      |                                       |
|                          | Cover                                                                           | enclosure, transparent                                                                      |                                       |
|                          | Lamps                                                                           | LED 2700 K   CRI ≥ 70                                                                       |                                       |
|                          | Controlgear                                                                     | ECG SITECO iQ                                                                               |                                       |
|                          | Rated values                                                                    | Net luminous flux = 4470 lm<br>Power consumption = 34.3 W<br>Luminous efficacy = 130.3 lm/W |                                       |
|                          |                                                                                 |                                                                                             | siteco                                |



|                           |        |                                            |       |
|---------------------------|--------|--------------------------------------------|-------|
| Luminaire output ratios   |        | Luminous intensity class acc. to EN13201-2 |       |
| Eta                       | 100.0% | Class:                                     | G2    |
| Eta 0° - 90°              | 99.5%  | Imax 70°                                   | 661.0 |
| Eta 90° - 180°            | 0.5%   | Imax 80°                                   | 117.5 |
|                           |        | Imax 90°                                   | 4.0   |
|                           |        | Imax >90°                                  | 3.2   |
|                           |        | Imax >95°                                  | 2.1   |
| Measurement conditions    |        |                                            |       |
| DIN EN 13032 and DIN 5032 |        |                                            |       |

Photometric test report

Family  
**LARGE BELL LED**

Order number: **5XA1565M1F108 + 5NA15600XB1**  
EAN: **4069025123466 + 4050737087955**

LP number  
**59565\_22**

Envelope curve in cd/klm

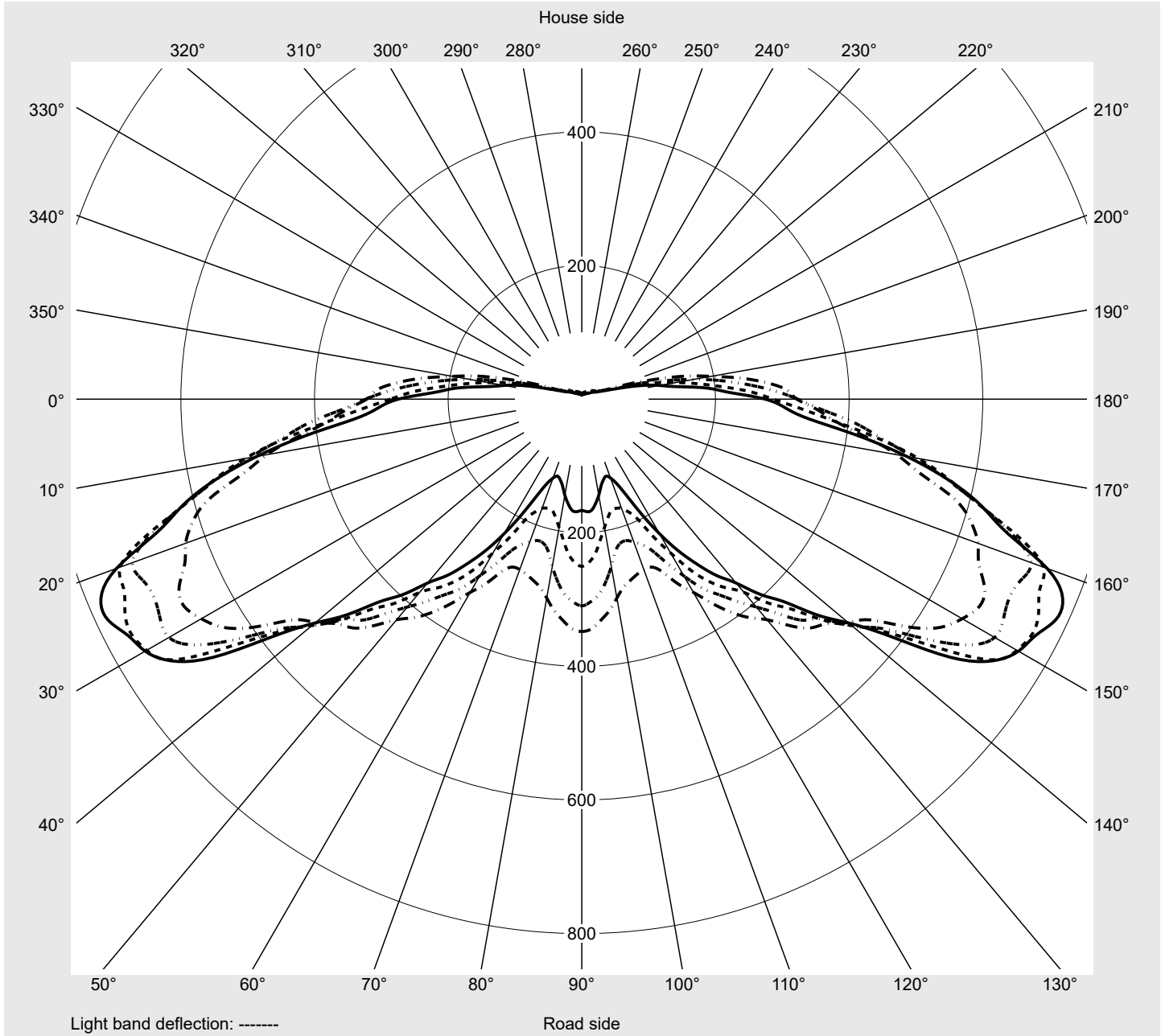
KMK 65°

KMK 62,5°

KMK 60°

KMK 57,5°

siteco



Photometric test report

|                                          |                                                                                 |                            |
|------------------------------------------|---------------------------------------------------------------------------------|----------------------------|
| Family<br>LARGE BELL LED                 | Order number: 5XA1565M1F108 + 5NA15600XB1<br>EAN: 4069025123466 + 4050737087955 | LP number<br>59565_22      |
| Table of values for luminous intensities |                                                                                 | Maximum luminous intensity |
|                                          |                                                                                 | siteco                     |

| C-planes | 0,0°<br>180,0°               | 2,5°<br>177,5° | 5,0°<br>175,0° | 7,5°<br>172,5° | 10,0°<br>170,0° | 12,5°<br>167,5° | 15,0°<br>165,0° | 17,5°<br>162,5° | 20,0°<br>160,0° | 22,5°<br>157,5° | 25,0°<br>155,0° | 27,5°<br>152,5° | 30,0°<br>150,0° | 32,5°<br>147,5° | 35,0°<br>145,0° |
|----------|------------------------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ        | Luminous intensity in cd/klm |                |                |                |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 0,0°     | 182.7                        | 182.7          | 182.7          | 182.7          | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           |
| 2,5°     | 180.4                        | 180.8          | 181.0          | 181.1          | 181.4           | 181.6           | 182.2           | 182.4           | 182.8           | 183.2           | 183.6           | 183.8           | 184.2           | 184.5           | 184.7           |
| 5,0°     | 179.2                        | 180.0          | 181.0          | 181.8          | 182.5           | 183.4           | 184.2           | 184.9           | 185.7           | 186.4           | 187.1           | 187.9           | 188.4           | 189.8           | 190.9           |
| 7,5°     | 177.5                        | 178.7          | 180.5          | 182.1          | 183.4           | 184.6           | 186.3           | 187.6           | 188.9           | 190.8           | 192.4           | 193.7           | 195.2           | 196.8           | 198.0           |
| 10,0°    | 181.0                        | 183.4          | 187.0          | 189.8          | 192.6           | 194.4           | 197.3           | 199.3           | 200.6           | 203.3           | 204.2           | 206.2           | 206.3           | 208.5           | 208.5           |
| 12,5°    | 171.5                        | 176.5          | 180.1          | 184.2          | 187.5           | 191.0           | 194.8           | 198.4           | 201.9           | 204.4           | 207.8           | 212.2           | 214.7           | 217.6           | 219.3           |
| 15,0°    | 167.4                        | 173.5          | 177.6          | 181.9          | 184.7           | 189.0           | 190.0           | 193.5           | 194.8           | 198.4           | 198.7           | 203.4           | 204.5           | 208.9           | 212.9           |
| 17,5°    | 159.4                        | 167.7          | 171.8          | 176.0          | 179.4           | 183.1           | 188.5           | 190.4           | 192.3           | 195.5           | 196.0           | 198.2           | 196.4           | 196.7           | 196.4           |
| 20,0°    | 154.1                        | 156.3          | 157.6          | 160.8          | 164.8           | 165.6           | 170.9           | 173.1           | 176.3           | 178.8           | 183.5           | 187.7           | 188.5           | 189.8           | 190.8           |
| 22,5°    | 162.8                        | 168.2          | 174.7          | 177.0          | 178.1           | 179.5           | 179.2           | 180.8           | 182.3           | 181.7           | 179.0           | 178.4           | 181.1           | 184.3           | 188.1           |
| 25,0°    | 166.0                        | 172.2          | 172.9          | 179.7          | 183.2           | 189.1           | 195.3           | 199.9           | 205.2           | 204.8           | 206.2           | 207.9           | 202.9           | 200.3           | 198.0           |
| 27,5°    | 180.2                        | 187.0          | 194.1          | 199.1          | 204.0           | 202.5           | 203.4           | 203.5           | 204.8           | 207.2           | 212.7           | 221.9           | 227.8           | 229.8           | 234.0           |
| 30,0°    | 193.3                        | 203.0          | 210.2          | 214.7          | 224.5           | 233.2           | 233.2           | 238.5           | 237.8           | 238.2           | 237.1           | 236.8           | 236.7           | 239.1           | 252.8           |
| 32,5°    | 214.6                        | 224.6          | 233.5          | 237.0          | 237.9           | 240.8           | 242.8           | 243.3           | 249.6           | 252.7           | 263.6           | 271.7           | 271.5           | 268.6           | 267.6           |
| 35,0°    | 237.4                        | 252.6          | 258.1          | 269.1          | 271.4           | 275.2           | 278.7           | 278.8           | 277.8           | 278.4           | 279.2           | 284.5           | 288.3           | 306.2           | 312.8           |
| 37,5°    | 259.1                        | 267.6          | 274.1          | 282.7          | 280.4           | 278.3           | 281.0           | 283.7           | 294.6           | 305.6           | 316.3           | 323.4           | 322.5           | 323.8           | 331.0           |
| 40,0°    | 266.1                        | 274.5          | 286.9          | 287.4          | 291.3           | 295.4           | 300.3           | 305.5           | 315.8           | 320.6           | 329.0           | 340.5           | 351.4           | 365.9           | 373.1           |
| 42,5°    | 282.1                        | 284.1          | 284.2          | 287.2          | 297.4           | 303.2           | 312.2           | 319.5           | 333.1           | 348.4           | 357.0           | 364.9           | 374.7           | 371.2           | 390.9           |
| 45,0°    | 293.2                        | 289.9          | 288.8          | 299.9          | 319.5           | 331.5           | 345.7           | 360.6           | 370.3           | 374.3           | 383.3           | 395.4           | 409.2           | 417.1           | 424.9           |
| 47,5°    | 301.0                        | 302.8          | 310.5          | 323.5          | 341.5           | 359.7           | 378.7           | 389.1           | 402.5           | 427.6           | 427.4           | 434.7           | 449.6           | 453.3           | 436.6           |
| 50,0°    | 313.3                        | 321.7          | 334.1          | 344.4          | 374.4           | 395.3           | 408.4           | 423.3           | 438.1           | 456.6           | 489.0           | 496.4           | 492.9           | 483.9           | 467.9           |
| 52,5°    | 313.1                        | 328.2          | 341.7          | 358.0          | 401.1           | 451.1           | 467.5           | 478.1           | 504.8           | 519.4           | 542.9           | 556.8           | 542.2           | 518.5           | 504.4           |
| 55,0°    | 313.2                        | 336.4          | 359.1          | 384.2          | 422.6           | 478.1           | 517.0           | 528.5           | 551.0           | 563.4           | 616.1           | 633.9           | 613.7           | 570.8           | 542.8           |
| 57,5°    | 321.7                        | 352.2          | 381.1          | 427.3          | 478.9           | 520.8           | 577.5           | 610.6           | 630.9           | 643.1           | 664.9           | 671.2           | 657.4           | 636.0           | 593.9           |
| 60,0°    | 323.2                        | 359.6          | 410.5          | 453.1          | 505.6           | 561.3           | 618.5           | 676.5           | 715.7           | 710.4           | 705.6           | 711.4           | 713.5           | 684.7           | 624.7           |
| 62,5°    | 286.2                        | 328.5          | 379.8          | 446.4          | 511.7           | 565.8           | 618.0           | 685.3           | 735.2           | 742.0           | 754.4           | 760.4           | 752.0           | 726.3           | 647.4           |
| 65,0°    | 274.6                        | 305.4          | 341.8          | 415.7          | 493.8           | 563.9           | 619.8           | 668.2           | 741.1           | 778.9           | 782.3           | 765.9           | 754.6           | 729.0           | 673.9           |
| 67,5°    | 284.1                        | 314.8          | 333.2          | 382.9          | 455.3           | 507.0           | 571.0           | 629.7           | 676.4           | 705.0           | 732.1           | 741.7           | 727.5           | 700.5           | 661.8           |
| 70,0°    | 267.9                        | 329.0          | 350.9          | 385.0          | 422.4           | 472.2           | 536.8           | 577.2           | 598.0           | 632.7           | 652.2           | 661.0           | 652.9           | 630.1           | 605.9           |
| 72,5°    | 218.0                        | 308.7          | 352.2          | 377.6          | 381.0           | 418.2           | 475.4           | 514.1           | 535.2           | 556.4           | 561.6           | 581.5           | 569.1           | 543.1           | 512.5           |
| 75,0°    | 158.8                        | 220.1          | 273.4          | 313.1          | 324.3           | 343.3           | 376.4           | 404.4           | 418.5           | 432.5           | 433.1           | 451.9           | 444.5           | 409.5           | 367.2           |
| 77,5°    | 79.4                         | 113.9          | 156.1          | 188.5          | 206.3           | 221.4           | 230.0           | 236.9           | 255.6           | 273.7           | 264.7           | 257.8           | 245.7           | 234.1           | 219.0           |
| 80,0°    | 37.9                         | 53.7           | 74.9           | 97.3           | 100.5           | 97.7            | 103.4           | 106.8           | 113.7           | 110.3           | 111.1           | 112.5           | 115.0           | 111.2           | 117.5           |
| 82,5°    | 22.3                         | 25.2           | 35.2           | 45.3           | 50.5            | 47.1            | 47.5            | 42.3            | 39.7            | 38.3            | 44.4            | 56.8            | 62.9            | 67.3            | 68.6            |
| 85,0°    | 11.5                         | 12.4           | 13.1           | 14.4           | 14.6            | 13.9            | 13.5            | 11.7            | 10.8            | 13.3            | 17.3            | 22.4            | 25.9            | 21.8            | 21.7            |
| 87,5°    | 4.7                          | 5.5            | 5.7            | 6.3            | 6.5             | 6.9             | 7.2             | 7.7             | 8.4             | 7.7             | 7.3             | 7.4             | 8.6             | 9.4             | 8.7             |
| 90,0°    | 2.2                          | 2.5            | 3.0            | 3.2            | 3.3             | 3.4             | 3.6             | 3.7             | 3.7             | 3.7             | 3.9             | 3.8             | 4.0             | 3.9             | 3.9             |
| 92,5°    | 1.7                          | 2.0            | 2.4            | 2.6            | 2.7             | 2.9             | 2.9             | 3.0             | 3.1             | 3.1             | 3.2             | 3.2             | 3.2             | 3.2             | 3.2             |
| 95,0°    | 1.6                          | 1.7            | 2.0            | 2.3            | 2.4             | 2.5             | 2.7             | 2.7             | 2.7             | 2.7             | 2.8             | 2.8             | 2.8             | 2.8             | 2.8             |
| 97,5°    | 1.5                          | 1.5            | 1.6            | 1.8            | 1.8             | 1.9             | 2.0             | 2.0             | 2.0             | 2.1             | 2.0             | 2.0             | 1.9             | 1.9             | 1.9             |
| 100,0°   | 1.4                          | 1.4            | 1.4            | 1.4            | 1.4             | 1.4             | 1.4             | 1.4             | 1.4             | 1.4             | 1.4             | 1.4             | 1.4             | 1.2             | 1.2             |
| 102,5°   | 1.3                          | 1.3            | 1.2            | 1.2            | 1.2             | 1.2             | 1.3             | 1.4             | 1.4             | 1.4             | 1.4             | 1.2             | 1.2             | 1.1             | 1.0             |
| 105,0°   | 1.2                          | 1.2            | 1.2            | 1.2            | 1.2             | 1.2             | 1.2             | 1.3             | 1.3             | 1.2             | 1.2             | 1.2             | 1.0             | 1.0             | 0.8             |
| 107,5°   | 1.1                          | 1.1            | 1.1            | 1.1            | 1.1             | 1.0             | 1.0             | 1.1             | 1.2             | 1.2             | 1.2             | 1.0             | 1.0             | 0.8             | 0.8             |
| 110,0°   | 1.1                          | 1.0            | 1.0            | 1.0            | 1.0             | 1.0             | 1.0             | 1.0             | 1.1             | 1.1             | 1.0             | 0.9             | 0.8             | 0.8             | 0.7             |
| 112,5°   | 1.0                          | 1.0            | 1.0            | 1.0            | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 0.9             | 0.8             | 0.8             | 0.7             | 0.6             |

Photometric test report

|                                          |                                                                                 |                            |
|------------------------------------------|---------------------------------------------------------------------------------|----------------------------|
| Family<br>LARGE BELL LED                 | Order number: 5XA1565M1F108 + 5NA15600XB1<br>EAN: 4069025123466 + 4050737087955 | LP number<br>59565_22      |
| Table of values for luminous intensities |                                                                                 | Maximum luminous intensity |

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| C-<br>planes | 37,5°<br>142,5°              | 40,0°<br>140,0° | 42,5°<br>137,5° | 45,0°<br>135,0° | 47,5°<br>132,5° | 50,0°<br>130,0° | 52,5°<br>127,5° | 55,0°<br>125,0° | 57,5°<br>122,5° | 60,0°<br>120,0° | 62,5°<br>117,5° | 65,0°<br>115,0° | 67,5°<br>112,5° | 70,0°<br>110,0° | 72,5°<br>107,5° |
|--------------|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ            | Luminous intensity in cd/klm |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 0,0°         | 182.7                        | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           | 182.7           |
| 2,5°         | 184.9                        | 185.3           | 185.7           | 186.0           | 186.4           | 186.3           | 186.5           | 186.8           | 186.9           | 186.7           | 187.0           | 187.0           | 187.0           | 187.2           | 187.4           |
| 5,0°         | 191.7                        | 192.7           | 193.7           | 194.3           | 194.8           | 195.6           | 195.8           | 196.5           | 196.8           | 197.6           | 198.0           | 198.0           | 199.0           | 200.2           | 200.6           |
| 7,5°         | 200.5                        | 201.7           | 203.1           | 205.1           | 207.1           | 208.3           | 210.2           | 211.6           | 212.2           | 213.9           | 215.8           | 217.4           | 218.3           | 219.9           | 220.4           |
| 10,0°        | 210.3                        | 212.2           | 214.0           | 215.9           | 218.8           | 222.0           | 225.9           | 227.4           | 230.1           | 233.2           | 236.0           | 238.5           | 241.8           | 244.4           | 246.4           |
| 12,5°        | 220.4                        | 223.3           | 224.7           | 226.4           | 229.0           | 231.3           | 234.0           | 238.3           | 240.6           | 244.6           | 248.2           | 253.6           | 256.6           | 261.5           | 265.7           |
| 15,0°        | 216.7                        | 216.8           | 220.4           | 224.2           | 226.4           | 229.7           | 230.3           | 233.0           | 237.7           | 241.1           | 248.2           | 255.1           | 262.1           | 269.9           | 276.7           |
| 17,5°        | 195.7                        | 196.7           | 201.0           | 205.2           | 210.6           | 213.3           | 217.7           | 224.0           | 228.0           | 232.7           | 240.5           | 249.6           | 258.6           | 268.8           | 278.5           |
| 20,0°        | 192.5                        | 189.4           | 189.2           | 191.1           | 194.2           | 200.8           | 206.6           | 214.2           | 220.6           | 229.0           | 235.0           | 243.4           | 253.2           | 265.0           | 275.9           |
| 22,5°        | 192.4                        | 195.0           | 195.5           | 198.6           | 197.4           | 201.0           | 206.1           | 216.3           | 226.6           | 233.6           | 239.8           | 248.1           | 255.6           | 263.6           | 272.6           |
| 25,0°        | 197.3                        | 197.9           | 201.0           | 208.3           | 211.6           | 215.7           | 218.8           | 225.0           | 232.5           | 243.5           | 252.7           | 258.8           | 263.2           | 267.6           | 272.2           |
| 27,5°        | 229.9                        | 223.8           | 216.9           | 221.7           | 226.6           | 237.7           | 242.3           | 247.7           | 251.6           | 256.8           | 266.8           | 274.2           | 277.5           | 277.6           | 279.1           |
| 30,0°        | 258.1                        | 261.3           | 256.2           | 254.0           | 251.3           | 255.9           | 265.3           | 275.6           | 276.8           | 276.4           | 281.1           | 286.2           | 290.5           | 288.0           | 286.1           |
| 32,5°        | 274.6                        | 281.2           | 293.5           | 294.2           | 294.6           | 290.7           | 290.3           | 293.2           | 301.0           | 302.1           | 300.7           | 299.6           | 302.2           | 299.5           | 294.6           |
| 35,0°        | 312.2                        | 312.3           | 314.1           | 319.4           | 329.3           | 330.8           | 326.9           | 318.6           | 318.6           | 325.7           | 325.2           | 321.7           | 314.6           | 309.3           | 303.8           |
| 37,5°        | 345.5                        | 355.3           | 354.9           | 349.3           | 350.3           | 355.9           | 357.8           | 350.2           | 345.3           | 348.9           | 348.2           | 344.6           | 332.5           | 321.5           | 317.1           |
| 40,0°        | 369.4                        | 373.9           | 380.2           | 387.8           | 384.4           | 380.7           | 381.5           | 381.4           | 378.0           | 370.8           | 367.2           | 364.0           | 349.8           | 335.6           | 328.4           |
| 42,5°        | 403.4                        | 410.6           | 411.1           | 410.8           | 417.0           | 416.1           | 403.1           | 399.3           | 396.9           | 391.0           | 379.6           | 370.0           | 357.1           | 343.3           | 339.4           |
| 45,0°        | 421.1                        | 436.1           | 445.4           | 446.3           | 438.0           | 437.3           | 433.3           | 420.3           | 408.8           | 401.6           | 392.4           | 373.7           | 358.3           | 347.9           | 346.4           |
| 47,5°        | 443.7                        | 448.9           | 463.5           | 462.1           | 461.1           | 458.2           | 444.4           | 440.1           | 423.3           | 412.6           | 398.6           | 378.9           | 359.8           | 350.1           | 349.1           |
| 50,0°        | 455.6                        | 463.9           | 481.7           | 476.7           | 467.8           | 462.5           | 450.6           | 434.6           | 418.9           | 402.6           | 389.4           | 375.1           | 355.0           | 349.1           | 346.5           |
| 52,5°        | 493.6                        | 488.0           | 487.5           | 486.7           | 470.2           | 461.2           | 444.9           | 422.3           | 403.4           | 384.4           | 367.8           | 352.9           | 341.2           | 337.5           | 338.6           |
| 55,0°        | 522.6                        | 508.1           | 500.6           | 490.4           | 469.0           | 443.2           | 431.1           | 406.6           | 378.3           | 355.0           | 333.0           | 318.0           | 311.9           | 314.4           | 315.7           |
| 57,5°        | 542.6                        | 520.4           | 497.5           | 484.4           | 459.6           | 431.0           | 412.2           | 389.2           | 362.2           | 334.0           | 311.7           | 285.2           | 272.1           | 271.5           | 275.0           |
| 60,0°        | 563.4                        | 528.8           | 487.0           | 468.2           | 435.7           | 406.2           | 381.4           | 357.3           | 335.7           | 305.6           | 277.4           | 250.7           | 235.7           | 227.5           | 221.9           |
| 62,5°        | 572.6                        | 527.2           | 489.4           | 444.8           | 414.5           | 377.7           | 356.3           | 333.8           | 303.8           | 265.9           | 232.4           | 198.4           | 182.8           | 173.9           | 171.4           |
| 65,0°        | 584.4                        | 521.3           | 478.4           | 429.4           | 397.0           | 359.4           | 333.6           | 302.3           | 269.7           | 232.6           | 194.7           | 160.2           | 137.2           | 125.6           | 120.9           |
| 67,5°        | 569.8                        | 520.2           | 465.0           | 410.2           | 374.8           | 333.0           | 300.4           | 272.9           | 233.8           | 197.3           | 158.5           | 128.0           | 102.5           | 87.4            | 80.2            |
| 70,0°        | 538.8                        | 480.5           | 435.4           | 392.7           | 348.2           | 301.5           | 267.8           | 230.0           | 201.2           | 165.7           | 133.5           | 102.4           | 79.7            | 62.7            | 53.2            |
| 72,5°        | 455.2                        | 402.3           | 367.6           | 327.3           | 283.0           | 241.8           | 205.6           | 180.9           | 160.4           | 131.0           | 99.4            | 72.9            | 56.0            | 43.4            | 35.2            |
| 75,0°        | 331.8                        | 285.6           | 261.0           | 236.2           | 220.3           | 189.5           | 162.3           | 150.1           | 141.5           | 116.7           | 79.5            | 52.7            | 39.4            | 31.0            | 24.0            |
| 77,5°        | 199.7                        | 178.8           | 166.4           | 167.0           | 162.6           | 149.5           | 134.2           | 126.1           | 118.5           | 95.1            | 60.2            | 36.0            | 25.4            | 19.5            | 16.4            |
| 80,0°        | 108.1                        | 95.2            | 87.9            | 77.7            | 69.1            | 66.4            | 60.2            | 53.6            | 51.5            | 44.3            | 26.9            | 16.3            | 11.2            | 10.2            | 9.7             |
| 82,5°        | 63.3                         | 55.0            | 43.0            | 30.3            | 24.7            | 19.2            | 15.6            | 11.7            | 9.5             | 8.9             | 10.2            | 7.1             | 6.3             | 6.4             | 6.7             |
| 85,0°        | 19.2                         | 16.5            | 13.7            | 11.3            | 8.9             | 8.6             | 8.5             | 7.5             | 6.5             | 5.8             | 5.4             | 4.9             | 4.6             | 4.6             | 4.6             |
| 87,5°        | 8.2                          | 6.6             | 6.8             | 6.5             | 5.8             | 5.9             | 5.7             | 5.5             | 4.9             | 4.3             | 4.1             | 3.9             | 3.7             | 3.6             | 3.7             |
| 90,0°        | 3.9                          | 3.8             | 3.8             | 3.9             | 3.9             | 4.0             | 3.9             | 3.7             | 3.5             | 3.3             | 3.1             | 3.0             | 2.9             | 2.9             | 2.9             |
| 92,5°        | 3.2                          | 3.2             | 3.2             | 3.2             | 3.2             | 3.2             | 3.1             | 3.0             | 2.9             | 2.8             | 2.6             | 2.6             | 2.5             | 2.5             | 2.4             |
| 95,0°        | 2.7                          | 2.6             | 2.6             | 2.7             | 2.7             | 2.6             | 2.5             | 2.5             | 2.4             | 2.4             | 2.4             | 2.3             | 2.3             | 2.3             | 2.3             |
| 97,5°        | 1.9                          | 1.8             | 1.7             | 1.7             | 1.7             | 1.8             | 1.7             | 1.7             | 1.7             | 1.6             | 1.6             | 1.7             | 1.6             | 1.6             | 1.6             |
| 100,0°       | 1.1                          | 1.0             | 1.0             | 1.0             | 0.9             | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.9             |
| 102,5°       | 1.0                          | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.7             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             |
| 105,0°       | 0.8                          | 0.8             | 0.8             | 0.7             | 0.7             | 0.6             | 0.6             | 0.6             | 0.5             | 0.4             | 0.4             | 0.4             | 0.4             | 0.4             | 0.4             |
| 107,5°       | 0.7                          | 0.7             | 0.6             | 0.6             | 0.6             | 0.6             | 0.5             | 0.4             | 0.4             | 0.4             | 0.4             | 0.4             | 0.4             | 0.4             | 0.4             |
| 110,0°       | 0.6                          | 0.6             | 0.5             | 0.5             | 0.5             | 0.4             | 0.4             | 0.4             | 0.4             | 0.4             | 0.3             | 0.3             | 0.2             | 0.3             | 0.2             |
| 112,5°       | 0.6                          | 0.5             | 0.5             | 0.4             | 0.4             | 0.4             | 0.4             | 0.4             | 0.4             | 0.2             | 0.3             | 0.3             | 0.3             | 0.2             | 0.2             |

Photometric test report

|                                          |                                                                                 |                            |
|------------------------------------------|---------------------------------------------------------------------------------|----------------------------|
| Family<br>LARGE BELL LED                 | Order number: 5XA1565M1F108 + 5NA15600XB1<br>EAN: 4069025123466 + 4050737087955 | LP number<br>59565_22      |
| Table of values for luminous intensities |                                                                                 | Maximum luminous intensity |

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| C-<br>planes | 75,0°<br>105,0°              | 77,5°<br>102,5° | 80,0°<br>100,0° | 82,5°<br>97,5° | 85,0°<br>95,0° | 87,5°<br>92,5° | 90,0° | 182,5°<br>357,5° | 185,0°<br>355,0° | 187,5°<br>352,5° | 190,0°<br>350,0° | 192,5°<br>347,5° | 195,0°<br>345,0° | 197,5°<br>342,5° | 200,0°<br>340,0° |
|--------------|------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ            | Luminous intensity in cd/klm |                 |                 |                |                |                |       |                  |                  |                  |                  |                  |                  |                  |                  |
| 0,0°         | 182.7                        | 182.7           | 182.7           | 182.7          | 182.7          | 182.7          | 182.7 | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            |
| 2,5°         | 187.9                        | 188.2           | 188.4           | 188.8          | 188.7          | 188.9          | 189.1 | 179.9            | 179.7            | 179.8            | 179.8            | 179.8            | 179.7            | 179.6            | 179.9            |
| 5,0°         | 200.8                        | 201.6           | 202.2           | 202.4          | 202.5          | 202.4          | 203.0 | 177.6            | 177.4            | 176.7            | 176.3            | 176.1            | 175.9            | 176.1            | 176.2            |
| 7,5°         | 222.0                        | 223.9           | 225.6           | 225.9          | 226.0          | 225.9          | 225.8 | 176.0            | 174.8            | 173.1            | 171.6            | 170.5            | 170.3            | 169.6            | 168.7            |
| 10,0°        | 248.1                        | 249.9           | 250.8           | 251.5          | 252.1          | 252.6          | 252.7 | 178.5            | 177.5            | 173.6            | 172.1            | 169.1            | 166.9            | 165.2            | 164.3            |
| 12,5°        | 269.2                        | 273.1           | 274.6           | 277.9          | 279.4          | 279.8          | 279.4 | 169.8            | 165.9            | 162.2            | 159.5            | 156.8            | 151.9            | 150.7            | 148.5            |
| 15,0°        | 283.0                        | 287.8           | 292.8           | 296.6          | 298.9          | 301.7          | 300.4 | 164.9            | 162.1            | 157.3            | 153.8            | 147.6            | 141.0            | 137.9            | 132.3            |
| 17,5°        | 287.9                        | 296.6           | 303.4           | 308.5          | 312.8          | 315.4          | 316.4 | 156.2            | 152.3            | 147.5            | 142.6            | 139.3            | 134.5            | 130.0            | 124.9            |
| 20,0°        | 285.0                        | 292.6           | 298.7           | 305.8          | 310.3          | 313.7          | 314.1 | 150.1            | 143.8            | 139.2            | 133.4            | 128.8            | 124.7            | 120.0            | 117.3            |
| 22,5°        | 280.5                        | 287.4           | 292.4           | 296.4          | 300.6          | 303.5          | 302.3 | 160.9            | 156.4            | 153.3            | 144.3            | 141.0            | 131.6            | 123.2            | 117.3            |
| 25,0°        | 277.5                        | 283.1           | 286.6           | 288.2          | 292.1          | 291.9          | 292.9 | 163.6            | 154.3            | 150.0            | 143.1            | 137.2            | 130.9            | 123.7            | 115.2            |
| 27,5°        | 281.4                        | 284.5           | 285.7           | 287.9          | 289.2          | 290.7          | 291.4 | 174.0            | 170.2            | 159.0            | 151.1            | 144.7            | 135.2            | 126.0            | 116.0            |
| 30,0°        | 286.0                        | 287.7           | 288.1           | 289.1          | 291.7          | 292.0          | 291.8 | 186.8            | 178.9            | 172.3            | 163.1            | 152.5            | 141.3            | 131.8            | 126.0            |
| 32,5°        | 291.1                        | 290.4           | 291.4           | 292.1          | 293.9          | 292.9          | 292.1 | 204.9            | 195.4            | 188.7            | 176.6            | 165.0            | 148.1            | 134.8            | 126.2            |
| 35,0°        | 299.5                        | 299.3           | 298.6           | 298.8          | 299.9          | 298.5          | 298.5 | 219.9            | 212.1            | 202.9            | 189.8            | 176.2            | 157.8            | 145.2            | 130.3            |
| 37,5°        | 313.4                        | 312.9           | 313.1           | 312.9          | 313.1          | 313.4          | 311.3 | 245.3            | 231.2            | 216.1            | 201.0            | 181.2            | 163.1            | 149.3            | 135.7            |
| 40,0°        | 329.1                        | 329.8           | 328.4           | 328.1          | 330.0          | 331.6          | 334.2 | 254.3            | 240.0            | 228.3            | 211.4            | 182.8            | 166.8            | 149.2            | 130.9            |
| 42,5°        | 339.2                        | 341.2           | 343.1           | 344.2          | 346.4          | 348.8          | 350.2 | 268.4            | 248.4            | 239.4            | 218.4            | 191.8            | 169.9            | 148.7            | 128.1            |
| 45,0°        | 348.4                        | 353.1           | 356.1           | 357.4          | 360.2          | 357.6          | 357.7 | 278.5            | 259.0            | 240.7            | 221.6            | 200.2            | 174.7            | 145.5            | 116.3            |
| 47,5°        | 354.0                        | 359.4           | 365.1           | 369.2          | 370.6          | 368.5          | 368.3 | 290.2            | 264.6            | 242.8            | 217.0            | 190.9            | 171.5            | 140.2            | 110.0            |
| 50,0°        | 350.6                        | 355.3           | 366.4           | 375.0          | 378.0          | 379.0          | 376.9 | 295.3            | 266.9            | 243.2            | 214.5            | 184.1            | 162.2            | 128.9            | 98.4             |
| 52,5°        | 338.6                        | 343.1           | 354.9           | 367.8          | 376.6          | 380.2          | 379.7 | 298.0            | 267.7            | 243.4            | 214.7            | 184.3            | 153.1            | 116.7            | 88.6             |
| 55,0°        | 316.9                        | 321.6           | 334.2           | 347.0          | 359.4          | 368.1          | 374.1 | 290.8            | 271.6            | 240.5            | 208.5            | 178.1            | 138.8            | 104.9            | 71.0             |
| 57,5°        | 280.9                        | 288.6           | 302.3           | 318.8          | 331.8          | 343.8          | 347.8 | 307.6            | 278.7            | 240.4            | 196.6            | 159.3            | 115.3            | 79.2             | 48.0             |
| 60,0°        | 223.1                        | 233.0           | 254.2           | 275.6          | 293.5          | 303.6          | 309.4 | 288.0            | 249.6            | 211.2            | 170.6            | 127.5            | 92.4             | 57.4             | 37.4             |
| 62,5°        | 172.0                        | 181.4           | 195.1           | 212.4          | 231.9          | 244.7          | 250.2 | 252.8            | 211.9            | 176.1            | 143.2            | 112.5            | 80.3             | 52.4             | 41.4             |
| 65,0°        | 124.9                        | 133.1           | 146.1           | 157.6          | 167.0          | 168.5          | 166.7 | 222.7            | 189.0            | 143.5            | 118.2            | 95.3             | 69.7             | 49.6             | 41.1             |
| 67,5°        | 80.7                         | 84.8            | 92.0            | 95.5           | 97.7           | 99.4           | 96.3  | 217.9            | 141.2            | 93.9             | 75.6             | 59.0             | 44.9             | 36.8             | 29.3             |
| 70,0°        | 49.1                         | 45.2            | 45.9            | 46.2           | 47.7           | 50.9           | 52.1  | 163.2            | 102.6            | 81.4             | 68.3             | 56.0             | 44.3             | 32.3             | 25.2             |
| 72,5°        | 28.8                         | 24.2            | 21.1            | 19.6           | 20.0           | 21.7           | 22.0  | 139.4            | 97.4             | 84.5             | 69.7             | 54.0             | 41.8             | 30.5             | 21.0             |
| 75,0°        | 19.5                         | 15.6            | 13.6            | 12.9           | 12.7           | 12.6           | 12.4  | 98.0             | 77.2             | 65.6             | 56.2             | 47.4             | 35.9             | 22.9             | 17.5             |
| 77,5°        | 13.1                         | 11.5            | 10.3            | 9.9            | 9.8            | 9.7            | 9.6   | 63.5             | 50.1             | 41.9             | 35.3             | 34.1             | 25.9             | 19.3             | 15.1             |
| 80,0°        | 9.2                          | 8.8             | 8.3             | 8.0            | 7.9            | 7.8            | 7.7   | 35.9             | 35.2             | 30.9             | 27.4             | 24.3             | 18.3             | 15.8             | 12.5             |
| 82,5°        | 6.8                          | 6.8             | 6.5             | 6.3            | 6.4            | 6.4            | 6.4   | 23.8             | 23.6             | 22.0             | 19.8             | 15.7             | 13.1             | 11.1             | 9.3              |
| 85,0°        | 4.7                          | 4.7             | 4.8             | 4.9            | 4.9            | 5.0            | 4.9   | 10.4             | 11.2             | 11.7             | 11.1             | 9.4              | 9.2              | 8.6              | 8.2              |
| 87,5°        | 3.7                          | 3.6             | 3.7             | 3.7            | 3.7            | 3.8            | 3.8   | 5.5              | 5.7              | 6.3              | 6.6              | 5.7              | 6.0              | 6.2              | 6.1              |
| 90,0°        | 2.8                          | 2.8             | 2.8             | 2.8            | 2.8            | 2.8            | 2.8   | 2.1              | 2.2              | 2.2              | 2.2              | 2.2              | 2.1              | 2.1              | 2.0              |
| 92,5°        | 2.4                          | 2.4             | 2.5             | 2.5            | 2.4            | 2.4            | 2.4   | 1.7              | 1.7              | 1.7              | 1.7              | 1.6              | 1.5              | 1.6              | 1.5              |
| 95,0°        | 2.2                          | 2.2             | 2.2             | 2.2            | 2.2            | 2.3            | 2.3   | 1.5              | 1.5              | 1.5              | 1.5              | 1.5              | 1.5              | 1.4              | 1.4              |
| 97,5°        | 1.6                          | 1.7             | 1.8             | 1.8            | 1.8            | 1.7            | 1.7   | 1.5              | 1.5              | 1.5              | 1.5              | 1.5              | 1.4              | 1.4              | 1.4              |
| 100,0°       | 0.9                          | 0.9             | 0.9             | 1.0            | 1.1            | 1.1            | 1.1   | 1.4              | 1.4              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              |
| 102,5°       | 0.6                          | 0.6             | 0.6             | 0.6            | 0.6            | 0.6            | 0.6   | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              |
| 105,0°       | 0.4                          | 0.4             | 0.4             | 0.4            | 0.4            | 0.4            | 0.4   | 1.2              | 1.2              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              |
| 107,5°       | 0.3                          | 0.3             | 0.2             | 0.2            | 0.2            | 0.2            | 0.2   | 1.1              | 1.2              | 1.2              | 1.2              | 1.1              | 1.2              | 1.2              | 1.1              |
| 110,0°       | 0.2                          | 0.2             | 0.2             | 0.2            | 0.2            | 0.2            | 0.2   | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              |
| 112,5°       | 0.2                          | 0.2             | 0.2             | 0.2            | 0.2            | 0.2            | 0.2   | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              |

Photometric test report

|                                          |                                                                                 |                            |
|------------------------------------------|---------------------------------------------------------------------------------|----------------------------|
| Family<br>LARGE BELL LED                 | Order number: 5XA1565M1F108 + 5NA15600XB1<br>EAN: 4069025123466 + 4050737087955 | LP number<br>59565_22      |
| Table of values for luminous intensities |                                                                                 | Maximum luminous intensity |

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| C-<br>planes | 202,5°<br>337,5°             | 205,0°<br>335,0° | 207,5°<br>332,5° | 210,0°<br>330,0° | 212,5°<br>327,5° | 215,0°<br>325,0° | 217,5°<br>322,5° | 220,0°<br>320,0° | 222,5°<br>317,5° | 225,0°<br>315,0° | 227,5°<br>312,5° | 230,0°<br>310,0° | 232,5°<br>307,5° | 235,0°<br>305,0° | 237,5°<br>302,5° |
|--------------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ            | Luminous intensity in cd/klm |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 0,0°         | 182.7                        | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            |
| 2,5°         | 180.2                        | 180.4            | 180.8            | 181.0            | 181.1            | 181.3            | 181.5            | 181.8            | 181.8            | 182.0            | 182.3            | 182.4            | 182.4            | 182.4            | 182.4            |
| 5,0°         | 176.2                        | 176.6            | 176.8            | 177.1            | 177.4            | 177.5            | 177.9            | 178.2            | 178.3            | 179.0            | 179.2            | 179.6            | 180.3            | 180.7            | 181.2            |
| 7,5°         | 168.3                        | 167.7            | 167.2            | 168.1            | 166.9            | 167.5            | 167.5            | 167.2            | 167.3            | 167.8            | 168.1            | 168.9            | 169.2            | 169.9            | 170.6            |
| 10,0°        | 162.3                        | 161.9            | 162.0            | 162.0            | 160.8            | 160.4            | 158.7            | 158.2            | 156.6            | 158.3            | 155.9            | 155.9            | 155.0            | 154.6            | 154.6            |
| 12,5°        | 146.2                        | 145.2            | 143.7            | 142.2            | 143.2            | 143.2            | 142.6            | 142.8            | 142.8            | 143.3            | 141.1            | 139.5            | 138.7            | 136.6            | 134.5            |
| 15,0°        | 128.1                        | 125.7            | 123.2            | 120.1            | 119.8            | 118.6            | 118.5            | 118.4            | 119.5            | 119.3            | 119.7            | 117.2            | 115.2            | 112.8            | 109.6            |
| 17,5°        | 118.0                        | 111.9            | 106.1            | 104.1            | 101.9            | 100.4            | 99.6             | 98.1             | 97.2             | 98.5             | 96.3             | 94.2             | 91.6             | 87.2             | 84.2             |
| 20,0°        | 107.7                        | 101.7            | 98.2             | 92.5             | 91.0             | 88.6             | 86.9             | 84.1             | 83.7             | 82.7             | 80.6             | 77.1             | 71.8             | 68.6             | 65.9             |
| 22,5°        | 109.7                        | 102.3            | 91.4             | 85.5             | 79.9             | 79.0             | 77.6             | 76.5             | 74.4             | 71.4             | 67.4             | 63.0             | 58.0             | 54.7             | 53.0             |
| 25,0°        | 108.2                        | 101.6            | 91.6             | 81.0             | 75.0             | 74.6             | 72.1             | 68.3             | 65.0             | 61.4             | 55.5             | 51.0             | 48.1             | 46.4             | 45.6             |
| 27,5°        | 106.4                        | 95.5             | 89.8             | 79.7             | 74.2             | 68.9             | 65.8             | 62.6             | 56.4             | 50.3             | 45.6             | 42.6             | 41.8             | 41.1             | 40.2             |
| 30,0°        | 111.9                        | 99.4             | 87.9             | 79.0             | 71.9             | 65.8             | 61.9             | 55.6             | 48.9             | 43.0             | 39.9             | 39.1             | 38.5             | 37.9             | 36.8             |
| 32,5°        | 114.8                        | 99.0             | 86.9             | 76.9             | 70.3             | 64.1             | 54.9             | 48.5             | 41.3             | 38.5             | 38.0             | 37.1             | 36.2             | 35.3             | 34.0             |
| 35,0°        | 111.8                        | 97.5             | 83.6             | 75.6             | 67.9             | 56.1             | 45.8             | 39.6             | 38.0             | 37.0             | 36.4             | 35.3             | 34.8             | 33.7             | 32.6             |
| 37,5°        | 112.6                        | 93.6             | 82.6             | 71.1             | 58.4             | 46.7             | 40.8             | 38.6             | 36.9             | 35.7             | 34.6             | 33.9             | 33.2             | 32.2             | 31.4             |
| 40,0°        | 108.7                        | 90.5             | 78.0             | 62.1             | 48.6             | 42.2             | 40.3             | 38.4             | 36.3             | 34.2             | 32.7             | 31.7             | 30.9             | 30.0             | 29.1             |
| 42,5°        | 105.8                        | 88.0             | 68.3             | 52.2             | 44.1             | 41.9             | 40.6             | 38.6             | 35.8             | 33.2             | 31.0             | 29.5             | 28.4             | 27.4             | 26.6             |
| 45,0°        | 100.6                        | 77.8             | 59.2             | 46.9             | 44.3             | 42.9             | 40.6             | 37.9             | 34.7             | 31.2             | 28.5             | 26.3             | 24.8             | 23.8             | 23.0             |
| 47,5°        | 86.8                         | 64.5             | 49.2             | 44.7             | 43.0             | 41.2             | 38.4             | 35.9             | 33.0             | 29.2             | 26.1             | 23.8             | 22.3             | 20.9             | 20.2             |
| 50,0°        | 70.4                         | 48.6             | 40.8             | 39.8             | 38.2             | 36.2             | 33.9             | 31.7             | 29.2             | 26.5             | 24.0             | 21.6             | 19.8             | 18.7             | 17.9             |
| 52,5°        | 57.8                         | 38.4             | 35.1             | 34.6             | 33.0             | 31.3             | 29.8             | 27.9             | 25.8             | 23.6             | 21.4             | 19.5             | 18.0             | 17.1             | 16.3             |
| 55,0°        | 45.3                         | 33.4             | 30.5             | 30.0             | 29.0             | 27.5             | 26.1             | 24.3             | 22.4             | 21.0             | 19.0             | 17.4             | 16.3             | 15.4             | 14.8             |
| 57,5°        | 33.8                         | 28.9             | 27.1             | 26.7             | 26.1             | 24.8             | 23.3             | 21.1             | 19.4             | 18.0             | 16.5             | 15.5             | 14.7             | 13.9             | 13.5             |
| 60,0°        | 30.7                         | 27.8             | 24.5             | 23.4             | 23.2             | 22.1             | 20.5             | 18.4             | 16.7             | 15.2             | 14.1             | 13.3             | 12.9             | 12.4             | 12.4             |
| 62,5°        | 35.4                         | 27.8             | 22.9             | 21.3             | 20.3             | 19.1             | 17.7             | 16.0             | 14.5             | 13.3             | 12.5             | 11.7             | 11.4             | 11.1             | 10.7             |
| 65,0°        | 34.1                         | 26.5             | 23.4             | 21.3             | 19.0             | 17.4             | 15.3             | 13.8             | 13.0             | 12.0             | 11.4             | 10.7             | 10.2             | 9.5              | 8.9              |
| 67,5°        | 24.2                         | 21.0             | 19.8             | 17.7             | 15.8             | 14.2             | 13.0             | 12.3             | 11.7             | 10.8             | 10.0             | 9.1              | 8.2              | 7.6              | 7.2              |
| 70,0°        | 19.6                         | 17.4             | 16.1             | 14.9             | 13.5             | 11.8             | 11.0             | 10.1             | 9.2              | 8.5              | 7.9              | 7.2              | 6.8              | 6.4              | 6.0              |
| 72,5°        | 16.9                         | 13.3             | 12.2             | 11.5             | 10.5             | 9.5              | 8.4              | 7.6              | 6.9              | 6.3              | 5.8              | 5.5              | 5.2              | 4.8              | 4.4              |
| 75,0°        | 14.1                         | 13.1             | 12.0             | 10.7             | 9.7              | 7.4              | 6.4              | 5.7              | 5.2              | 4.9              | 4.5              | 4.1              | 3.7              | 3.3              | 3.0              |
| 77,5°        | 12.6                         | 11.8             | 11.0             | 10.0             | 7.4              | 5.6              | 5.1              | 4.6              | 4.2              | 3.9              | 3.6              | 3.2              | 3.0              | 2.6              | 2.4              |
| 80,0°        | 11.4                         | 10.7             | 10.3             | 9.1              | 6.4              | 4.6              | 3.9              | 3.7              | 3.5              | 3.2              | 2.9              | 2.7              | 2.4              | 2.3              | 2.1              |
| 82,5°        | 8.9                          | 8.7              | 8.3              | 6.9              | 4.5              | 3.6              | 3.2              | 3.0              | 2.8              | 2.6              | 2.4              | 2.3              | 2.1              | 1.9              | 1.8              |
| 85,0°        | 7.9                          | 7.4              | 6.8              | 4.3              | 3.0              | 2.6              | 2.4              | 2.4              | 2.2              | 2.1              | 2.0              | 1.9              | 1.7              | 1.6              | 1.5              |
| 87,5°        | 5.5                          | 5.1              | 3.8              | 2.5              | 2.1              | 1.9              | 1.9              | 1.9              | 1.7              | 1.7              | 1.5              | 1.5              | 1.5              | 1.4              | 1.3              |
| 90,0°        | 2.0                          | 1.9              | 1.7              | 1.6              | 1.5              | 1.5              | 1.5              | 1.5              | 1.4              | 1.4              | 1.4              | 1.3              | 1.2              | 1.2              | 1.2              |
| 92,5°        | 1.4                          | 1.4              | 1.4              | 1.4              | 1.4              | 1.4              | 1.4              | 1.4              | 1.4              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              |
| 95,0°        | 1.4                          | 1.4              | 1.4              | 1.4              | 1.4              | 1.4              | 1.2              | 1.3              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.1              |
| 97,5°        | 1.3                          | 1.3              | 1.3              | 1.3              | 1.3              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.1              |
| 100,0°       | 1.3                          | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.1              |
| 102,5°       | 1.3                          | 1.3              | 1.3              | 1.3              | 1.3              | 1.2              | 1.3              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.1              |
| 105,0°       | 1.3                          | 1.2              | 1.2              | 1.3              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.1              |
| 107,5°       | 1.2                          | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.1              | 1.1              | 1.1              |
| 110,0°       | 1.1                          | 1.1              | 1.1              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.1              |
| 112,5°       | 1.1                          | 1.1              | 1.1              | 1.1              | 1.2              | 1.1              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.1              | 1.1              | 1.2              | 1.1              |

Photometric test report

|                                          |                                                                                 |                            |
|------------------------------------------|---------------------------------------------------------------------------------|----------------------------|
| Family<br>LARGE BELL LED                 | Order number: 5XA1565M1F108 + 5NA15600XB1<br>EAN: 4069025123466 + 4050737087955 | LP number<br>59565_22      |
| Table of values for luminous intensities |                                                                                 | Maximum luminous intensity |
|                                          |                                                                                 | siteco                     |

| C-planes | 240,0°<br>300,0°             | 242,5°<br>297,5° | 245,0°<br>295,0° | 247,5°<br>292,5° | 250,0°<br>290,0° | 252,5°<br>287,5° | 255,0°<br>285,0° | 257,5°<br>282,5° | 260,0°<br>280,0° | 262,5°<br>277,5° | 265,0°<br>275,0° | 267,5°<br>272,5° | 270,0° | Phi-zone                | Total<br>Phi-zone |
|----------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|-------------------------|-------------------|
| γ        | Luminous intensity in cd/klm |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |        | Luminous flux in lm/klm |                   |
| 0,0°     | 182.7                        | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7            | 182.7  | 0.3                     | 0.3               |
| 2,5°     | 182.5                        | 182.3            | 182.0            | 181.7            | 181.7            | 181.9            | 182.2            | 182.0            | 181.8            | 181.6            | 181.9            | 182.2            | 182.2  | 2.2                     | 2.5               |
| 5,0°     | 181.4                        | 181.7            | 181.9            | 181.7            | 181.8            | 182.3            | 182.4            | 182.8            | 182.9            | 183.5            | 184.1            | 184.1            | 184.0  | 4.4                     | 6.9               |
| 7,5°     | 171.4                        | 172.1            | 172.7            | 173.5            | 174.2            | 175.3            | 176.1            | 176.8            | 177.3            | 177.4            | 177.6            | 177.6            | 177.6  | 6.7                     | 13.6              |
| 10,0°    | 155.1                        | 155.7            | 156.6            | 157.2            | 157.5            | 157.4            | 157.7            | 158.1            | 158.4            | 159.0            | 159.5            | 159.6            | 160.0  | 9.1                     | 22.7              |
| 12,5°    | 133.4                        | 132.8            | 132.6            | 132.8            | 133.3            | 133.4            | 133.4            | 133.2            | 133.0            | 133.5            | 133.2            | 133.5            | 133.7  | 11.1                    | 33.8              |
| 15,0°    | 106.7                        | 105.6            | 105.7            | 105.6            | 105.4            | 106.0            | 106.4            | 106.0            | 106.1            | 106.1            | 105.9            | 105.7            | 105.6  | 12.5                    | 46.3              |
| 17,5°    | 82.1                         | 81.5             | 80.7             | 80.4             | 80.0             | 80.3             | 80.1             | 80.0             | 79.9             | 79.2             | 78.9             | 77.8             | 77.5   | 13.5                    | 59.8              |
| 20,0°    | 64.6                         | 64.0             | 63.5             | 63.3             | 62.7             | 62.5             | 61.9             | 61.4             | 60.6             | 60.3             | 59.4             | 59.0             | 59.4   | 14.3                    | 74.1              |
| 22,5°    | 52.4                         | 52.3             | 51.5             | 50.9             | 50.4             | 50.1             | 49.1             | 48.3             | 47.8             | 47.2             | 46.7             | 46.4             | 46.4   | 15.8                    | 89.8              |
| 25,0°    | 45.0                         | 44.4             | 44.0             | 43.2             | 42.5             | 41.6             | 40.8             | 40.3             | 39.9             | 39.5             | 39.3             | 39.1             | 39.1   | 17.5                    | 107.4             |
| 27,5°    | 39.3                         | 38.6             | 37.8             | 37.1             | 36.2             | 35.3             | 34.5             | 33.9             | 33.7             | 33.5             | 33.2             | 33.3             | 33.3   | 19.8                    | 127.2             |
| 30,0°    | 35.5                         | 34.2             | 33.2             | 32.3             | 31.6             | 30.9             | 30.1             | 29.8             | 29.5             | 29.2             | 29.3             | 29.3             | 29.1   | 22.7                    | 149.9             |
| 32,5°    | 32.9                         | 31.9             | 30.5             | 29.9             | 29.2             | 28.7             | 28.1             | 27.5             | 27.3             | 26.9             | 26.8             | 26.6             | 26.7   | 25.8                    | 175.7             |
| 35,0°    | 31.8                         | 30.9             | 29.7             | 28.7             | 28.1             | 27.4             | 27.1             | 26.4             | 25.7             | 25.0             | 24.7             | 24.5             | 24.4   | 29.4                    | 205.1             |
| 37,5°    | 30.6                         | 29.6             | 28.7             | 27.8             | 27.3             | 26.6             | 26.1             | 25.4             | 24.6             | 23.6             | 23.0             | 22.6             | 22.6   | 33.1                    | 238.2             |
| 40,0°    | 28.5                         | 27.8             | 27.3             | 26.7             | 26.2             | 25.7             | 24.9             | 24.4             | 23.6             | 22.9             | 22.6             | 22.4             | 22.4   | 36.7                    | 274.9             |
| 42,5°    | 26.2                         | 26.3             | 25.9             | 25.5             | 24.8             | 24.1             | 23.8             | 23.4             | 22.5             | 22.0             | 21.4             | 21.2             | 21.1   | 40.1                    | 315.0             |
| 45,0°    | 23.0                         | 23.5             | 23.6             | 23.3             | 23.4             | 23.2             | 22.3             | 21.4             | 20.8             | 20.3             | 20.0             | 19.6             | 19.4   | 43.8                    | 358.9             |
| 47,5°    | 19.8                         | 19.8             | 19.8             | 19.9             | 20.3             | 20.3             | 19.9             | 19.3             | 18.7             | 18.3             | 18.2             | 17.8             | 18.0   | 47.3                    | 406.2             |
| 50,0°    | 17.2                         | 16.7             | 16.5             | 16.4             | 16.6             | 16.7             | 16.4             | 15.9             | 15.7             | 15.8             | 15.4             | 15.2             | 15.2   | 50.3                    | 456.5             |
| 52,5°    | 15.7                         | 15.2             | 14.9             | 14.6             | 14.3             | 13.8             | 13.4             | 13.0             | 12.7             | 12.4             | 12.4             | 12.4             | 12.2   | 53.2                    | 509.7             |
| 55,0°    | 14.2                         | 13.8             | 13.4             | 13.1             | 12.5             | 11.9             | 11.7             | 11.3             | 10.8             | 10.3             | 10.3             | 10.2             | 10.2   | 55.5                    | 565.2             |
| 57,5°    | 13.0                         | 12.6             | 12.0             | 11.5             | 11.1             | 10.8             | 10.4             | 10.1             | 9.5              | 9.1              | 8.9              | 8.5              | 8.5    | 57.6                    | 622.8             |
| 60,0°    | 12.0                         | 11.4             | 10.7             | 10.2             | 10.2             | 10.0             | 9.5              | 9.0              | 8.6              | 8.1              | 7.8              | 7.6              | 7.5    | 58.1                    | 681.0             |
| 62,5°    | 10.2                         | 9.8              | 9.5              | 9.3              | 9.1              | 8.9              | 8.6              | 8.1              | 7.7              | 7.2              | 6.9              | 6.8              | 6.6    | 56.7                    | 737.7             |
| 65,0°    | 8.6                          | 8.3              | 8.0              | 8.0              | 7.8              | 7.6              | 7.3              | 7.1              | 6.7              | 6.3              | 6.1              | 6.0              | 6.0    | 54.5                    | 792.2             |
| 67,5°    | 7.0                          | 6.6              | 6.2              | 6.1              | 5.6              | 5.4              | 5.2              | 4.9              | 4.8              | 4.7              | 4.7              | 4.7              | 4.7    | 50.0                    | 842.2             |
| 70,0°    | 5.7                          | 5.4              | 5.2              | 4.7              | 4.2              | 4.0              | 3.8              | 3.6              | 3.4              | 3.3              | 3.2              | 3.2              | 3.2    | 45.3                    | 887.5             |
| 72,5°    | 4.0                          | 3.8              | 3.5              | 3.2              | 3.0              | 2.6              | 2.4              | 2.3              | 2.3              | 2.1              | 2.1              | 2.1              | 2.1    | 39.3                    | 926.8             |
| 75,0°    | 2.7                          | 2.4              | 2.3              | 2.1              | 1.9              | 1.7              | 1.6              | 1.5              | 1.5              | 1.4              | 1.3              | 1.4              | 1.3    | 30.7                    | 957.5             |
| 77,5°    | 2.2                          | 2.0              | 1.8              | 1.6              | 1.3              | 1.3              | 1.1              | 1.1              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9    | 19.7                    | 977.2             |
| 80,0°    | 1.9                          | 1.7              | 1.5              | 1.4              | 1.2              | 1.1              | 1.0              | 0.9              | 0.9              | 0.9              | 0.8              | 0.8              | 0.9    | 9.7                     | 986.9             |
| 82,5°    | 1.6                          | 1.5              | 1.4              | 1.2              | 1.2              | 1.0              | 0.9              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.8    | 4.8                     | 991.7             |
| 85,0°    | 1.4                          | 1.2              | 1.2              | 1.0              | 1.0              | 1.0              | 0.9              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8    | 2.1                     | 993.8             |
| 87,5°    | 1.2                          | 1.2              | 1.0              | 1.0              | 0.9              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8    | 1.2                     | 994.9             |
| 90,0°    | 1.0                          | 1.0              | 1.0              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8    | 0.7                     | 995.6             |
| 92,5°    | 1.0                          | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8    | 0.6                     | 996.1             |
| 95,0°    | 1.0                          | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8    | 0.5                     | 996.6             |
| 97,5°    | 1.0                          | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8    | 0.4                     | 997.0             |
| 100,0°   | 1.1                          | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8    | 0.3                     | 997.3             |
| 102,5°   | 1.0                          | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8    | 0.3                     | 997.6             |
| 105,0°   | 1.0                          | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.8              | 0.8    | 0.3                     | 997.9             |
| 107,5°   | 1.1                          | 1.0              | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.8    | 0.2                     | 998.1             |
| 110,0°   | 1.1                          | 1.0              | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.9    | 0.2                     | 998.3             |
| 112,5°   | 1.1                          | 1.0              | 1.0              | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9    | 0.2                     | 998.5             |

Photometric test report

|                                          |                                                                                 |                            |
|------------------------------------------|---------------------------------------------------------------------------------|----------------------------|
| Family<br>LARGE BELL LED                 | Order number: 5XA1565M1F108 + 5NA15600XB1<br>EAN: 4069025123466 + 4050737087955 | LP number<br>59565_22      |
| Table of values for luminous intensities |                                                                                 | Maximum luminous intensity |
|                                          |                                                                                 | siteco                     |

| C-<br>planes | 0,0°<br>180,0°               | 2,5°<br>177,5° | 5,0°<br>175,0° | 7,5°<br>172,5° | 10,0°<br>170,0° | 12,5°<br>167,5° | 15,0°<br>165,0° | 17,5°<br>162,5° | 20,0°<br>160,0° | 22,5°<br>157,5° | 25,0°<br>155,0° | 27,5°<br>152,5° | 30,0°<br>150,0° | 32,5°<br>147,5° | 35,0°<br>145,0° |
|--------------|------------------------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ            | Luminous intensity in cd/klm |                |                |                |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 115,0°       | 1.1                          | 1.0            | 1.0            | 1.0            | 1.0             | 1.0             | 0.9             | 1.0             | 0.9             | 0.8             | 0.8             | 0.8             | 0.7             | 0.7             | 0.6             |
| 117,5°       | 1.0                          | 1.0            | 1.0            | 0.9            | 0.9             | 0.9             | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.7             | 0.7             | 0.7             | 0.6             |
| 120,0°       | 1.0                          | 1.0            | 0.9            | 0.9            | 0.9             | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.7             | 0.7             | 0.6             | 0.6             |
| 122,5°       | 0.9                          | 0.9            | 0.9            | 0.8            | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.7             | 0.7             | 0.7             | 0.6             | 0.5             | 0.5             |
| 125,0°       | 0.9                          | 0.8            | 0.8            | 0.8            | 0.8             | 0.8             | 0.7             | 0.7             | 0.7             | 0.6             | 0.6             | 0.5             | 0.5             | 0.4             | 0.4             |
| 127,5°       | 0.8                          | 0.8            | 0.8            | 0.8            | 0.8             | 0.7             | 0.7             | 0.7             | 0.6             | 0.6             | 0.5             | 0.5             | 0.5             | 0.4             | 0.4             |
| 130,0°       | 0.8                          | 0.8            | 0.8            | 0.8            | 0.7             | 0.7             | 0.7             | 0.6             | 0.6             | 0.6             | 0.5             | 0.5             | 0.4             | 0.4             | 0.4             |
| 132,5°       | 0.8                          | 0.8            | 0.8            | 0.8            | 0.7             | 0.7             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 0.5             | 0.5             | 0.5             | 0.4             |
| 135,0°       | 0.8                          | 0.8            | 0.8            | 0.8            | 0.8             | 0.7             | 0.7             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 0.5             | 0.5             | 0.4             |

Photometric test report

Family  
LARGE BELL LED

Order number: 5XA1565M1F108 + 5NA15600XB1  
EAN: 4069025123466 + 4050737087955

LP number  
59565\_22  
  
siteco

| C-<br>planes | 37,5°<br>142,5°              | 40,0°<br>140,0° | 42,5°<br>137,5° | 45,0°<br>135,0° | 47,5°<br>132,5° | 50,0°<br>130,0° | 52,5°<br>127,5° | 55,0°<br>125,0° | 57,5°<br>122,5° | 60,0°<br>120,0° | 62,5°<br>117,5° | 65,0°<br>115,0° | 67,5°<br>112,5° | 70,0°<br>110,0° | 72,5°<br>107,5° |
|--------------|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ            | Luminous intensity in cd/klm |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 115,0°       | 0.6                          | 0.5             | 0.4             | 0.4             | 0.4             | 0.4             | 0.4             | 0.3             | 0.2             | 0.3             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             |
| 117,5°       | 0.5                          | 0.5             | 0.4             | 0.4             | 0.4             | 0.4             | 0.3             | 0.3             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             |
| 120,0°       | 0.5                          | 0.4             | 0.4             | 0.4             | 0.4             | 0.3             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             |
| 122,5°       | 0.4                          | 0.4             | 0.3             | 0.3             | 0.3             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             |
| 125,0°       | 0.4                          | 0.4             | 0.3             | 0.3             | 0.3             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             |
| 127,5°       | 0.3                          | 0.3             | 0.3             | 0.3             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             |
| 130,0°       | 0.4                          | 0.4             | 0.3             | 0.2             | 0.3             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             |
| 132,5°       | 0.4                          | 0.4             | 0.4             | 0.3             | 0.3             | 0.2             | 0.2             | 0.3             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             | 0.2             |
| 135,0°       | 0.4                          | 0.4             | 0.4             | 0.4             | 0.4             | 0.3             | 0.3             | 0.3             | 0.3             | 0.3             | 0.3             | 0.2             | 0.2             | 0.2             | 0.2             |

Photometric test report

Family  
LARGE BELL LED

Order number: 5XA1565M1F108 + 5NA15600XB1  
EAN: 4069025123466 + 4050737087955

LP number  
59565\_22  
  
siteco

| C-<br>planes | 75,0°<br>105,0°              | 77,5°<br>102,5° | 80,0°<br>100,0° | 82,5°<br>97,5° | 85,0°<br>95,0° | 87,5°<br>92,5° | 90,0° | 182,5°<br>357,5° | 185,0°<br>355,0° | 187,5°<br>352,5° | 190,0°<br>350,0° | 192,5°<br>347,5° | 195,0°<br>345,0° | 197,5°<br>342,5° | 200,0°<br>340,0° |
|--------------|------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ            | Luminous intensity in cd/klm |                 |                 |                |                |                |       |                  |                  |                  |                  |                  |                  |                  |                  |
| 115,0°       | 0.2                          | 0.2             | 0.2             | 0.2            | 0.2            | 0.2            | 0.2   | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              |
| 117,5°       | 0.2                          | 0.2             | 0.2             | 0.2            | 0.2            | 0.2            | 0.2   | 1.1              | 1.1              | 1.1              | 1.1              | 1.2              | 1.2              | 1.1              | 1.2              |
| 120,0°       | 0.2                          | 0.2             | 0.2             | 0.2            | 0.2            | 0.2            | 0.2   | 1.0              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              |
| 122,5°       | 0.2                          | 0.2             | 0.2             | 0.2            | 0.2            | 0.2            | 0.2   | 1.0              | 1.0              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              |
| 125,0°       | 0.2                          | 0.2             | 0.2             | 0.2            | 0.2            | 0.2            | 0.0   | 0.9              | 0.9              | 0.9              | 1.0              | 1.0              | 1.1              | 1.1              | 1.1              |
| 127,5°       | 0.2                          | 0.2             | 0.2             | 0.2            | 0.2            | 0.2            | 0.2   | 0.8              | 0.9              | 0.9              | 0.9              | 0.9              | 1.0              | 1.0              | 1.0              |
| 130,0°       | 0.2                          | 0.2             | 0.2             | 0.2            | 0.2            | 0.2            | 0.2   | 0.8              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              |
| 132,5°       | 0.2                          | 0.2             | 0.2             | 0.2            | 0.2            | 0.2            | 0.2   | 0.8              | 0.8              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              |
| 135,0°       | 0.2                          | 0.2             | 0.2             | 0.2            | 0.2            | 0.2            | 0.2   | 0.8              | 0.8              | 0.8              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              |

Photometric test report

|                          |                                                                                 |                                     |
|--------------------------|---------------------------------------------------------------------------------|-------------------------------------|
| Family<br>LARGE BELL LED | Order number: 5XA1565M1F108 + 5NA15600XB1<br>EAN: 4069025123466 + 4050737087955 | LP number<br>59565_22<br><br>siteco |
|--------------------------|---------------------------------------------------------------------------------|-------------------------------------|

| C-<br>planes | 202,5°<br>337,5°             | 205,0°<br>335,0° | 207,5°<br>332,5° | 210,0°<br>330,0° | 212,5°<br>327,5° | 215,0°<br>325,0° | 217,5°<br>322,5° | 220,0°<br>320,0° | 222,5°<br>317,5° | 225,0°<br>315,0° | 227,5°<br>312,5° | 230,0°<br>310,0° | 232,5°<br>307,5° | 235,0°<br>305,0° | 237,5°<br>302,5° |
|--------------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ            | Luminous intensity in cd/klm |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 115,0°       | 1.2                          | 1.2              | 1.2              | 1.2              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              |
| 117,5°       | 1.3                          | 1.2              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              |
| 120,0°       | 1.1                          | 1.3              | 1.1              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.3              | 1.2              | 1.3              | 1.2              | 1.2              | 1.2              | 1.2              |
| 122,5°       | 1.1                          | 1.1              | 1.1              | 1.1              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              |
| 125,0°       | 1.1                          | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.2              | 1.1              | 1.1              | 1.1              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              |
| 127,5°       | 1.0                          | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              |
| 130,0°       | 1.0                          | 1.0              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              |
| 132,5°       | 1.0                          | 1.0              | 1.0              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              |
| 135,0°       | 0.9                          | 0.9              | 0.9              | 1.0              | 1.0              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              |

| C-<br>planes | 240,0°<br>300,0°             | 242,5°<br>297,5° | 245,0°<br>295,0° | 247,5°<br>292,5° | 250,0°<br>290,0° | 252,5°<br>287,5° | 255,0°<br>285,0° | 257,5°<br>282,5° | 260,0°<br>280,0° | 262,5°<br>277,5° | 265,0°<br>275,0° | 267,5°<br>272,5° | 270,0° | Phi-zone                | Total<br>Phi-zone |
|--------------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|-------------------------|-------------------|
| γ            | Luminous intensity in cd/klm |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |        | Luminous flux in lm/klm |                   |
| 115,0°       | 1.2                          | 1.1              | 1.1              | 1.1              | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9    | 0.2                     | 998.7             |
| 117,5°       | 1.2                          | 1.2              | 1.2              | 1.1              | 1.1              | 1.0              | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9    | 0.2                     | 998.9             |
| 120,0°       | 1.2                          | 1.2              | 1.2              | 1.1              | 1.1              | 1.0              | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9    | 0.2                     | 999.1             |
| 122,5°       | 1.2                          | 1.2              | 1.1              | 1.1              | 1.1              | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9    | 0.2                     | 999.3             |
| 125,0°       | 1.1                          | 1.1              | 1.1              | 1.1              | 1.1              | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9    | 0.2                     | 999.5             |
| 127,5°       | 1.1                          | 1.1              | 1.1              | 1.1              | 1.1              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9    | 0.2                     | 999.6             |
| 130,0°       | 1.1                          | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.9              | 0.9    | 0.1                     | 999.8             |
| 132,5°       | 1.1                          | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.0              | 1.0              | 0.9              | 0.9    | 0.1                     | 999.9             |
| 135,0°       | 1.1                          | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 1.1              | 0.9    | 0.1                     | 1000.1            |

Photometric test report

|                          |                                                                                 |                                 |
|--------------------------|---------------------------------------------------------------------------------|---------------------------------|
| Family<br>LARGE BELL LED | Order number: 5XA1565M1F108 + 5NA15600XB1<br>EAN: 4069025123466 + 4050737087955 | LP number<br>59565_22           |
| Dimming levels table     |                                                                                 | environmental temperature: 25°C |

siteco

| 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                          | 4470                  | 34.3                                          | 37.7                                        | 36.0                                |
| 95                 | 241                     | 252                          | 4241                  | 32.1                                          | 35.2                                        | 33.7                                |
| 90                 | 229                     | 250                          | 4030                  | 30.2                                          | 33.0                                        | 31.6                                |
| 85                 | 216                     | 248                          | 3801                  | 28.1                                          | 30.8                                        | 29.4                                |
| 80                 | 203                     | 246                          | 3572                  | 26.1                                          | 28.6                                        | 27.4                                |
| 75                 | 190                     | 243                          | 3344                  | 24.2                                          | 26.5                                        | 25.4                                |
| 70                 | 178                     | 241                          | 3133                  | 22.4                                          | 24.6                                        | 23.5                                |
| 65                 | 165                     | 238                          | 2904                  | 20.6                                          | 22.5                                        | 21.6                                |
| 60                 | 152                     | 235                          | 2675                  | 18.8                                          | 20.6                                        | 19.7                                |
| 55                 | 140                     | 232                          | 2464                  | 17.2                                          | 18.8                                        | 18.0                                |
| 50                 | 127                     | 229                          | 2235                  | 15.5                                          | 17.0                                        | 16.2                                |
| 45                 | 114                     | 225                          | 2006                  | 13.9                                          | 15.1                                        | 14.5                                |
| 40                 | 102                     | 221                          | 1795                  | 12.4                                          | 13.6                                        | 13.0                                |
| 35                 | 89                      | 216                          | 1566                  | 10.8                                          | 11.8                                        | 11.3                                |
| 30                 | 76                      | 210                          | 1337                  | 9.2                                           | 10.1                                        | 9.6                                 |
| 25                 | 63                      | 203                          | 1109                  | 7.7                                           | 8.4                                         | 8.0                                 |
| 20                 | 51                      | 195                          | 898                   | 6.4                                           | 6.9                                         | 6.6                                 |
| 15                 | 38                      | 184                          | 669                   | 4.9                                           | 5.3                                         | 5.1                                 |
| 11                 | 29                      | 175                          | 510                   | 3.8                                           | 4.1                                         | 4.0                                 |