
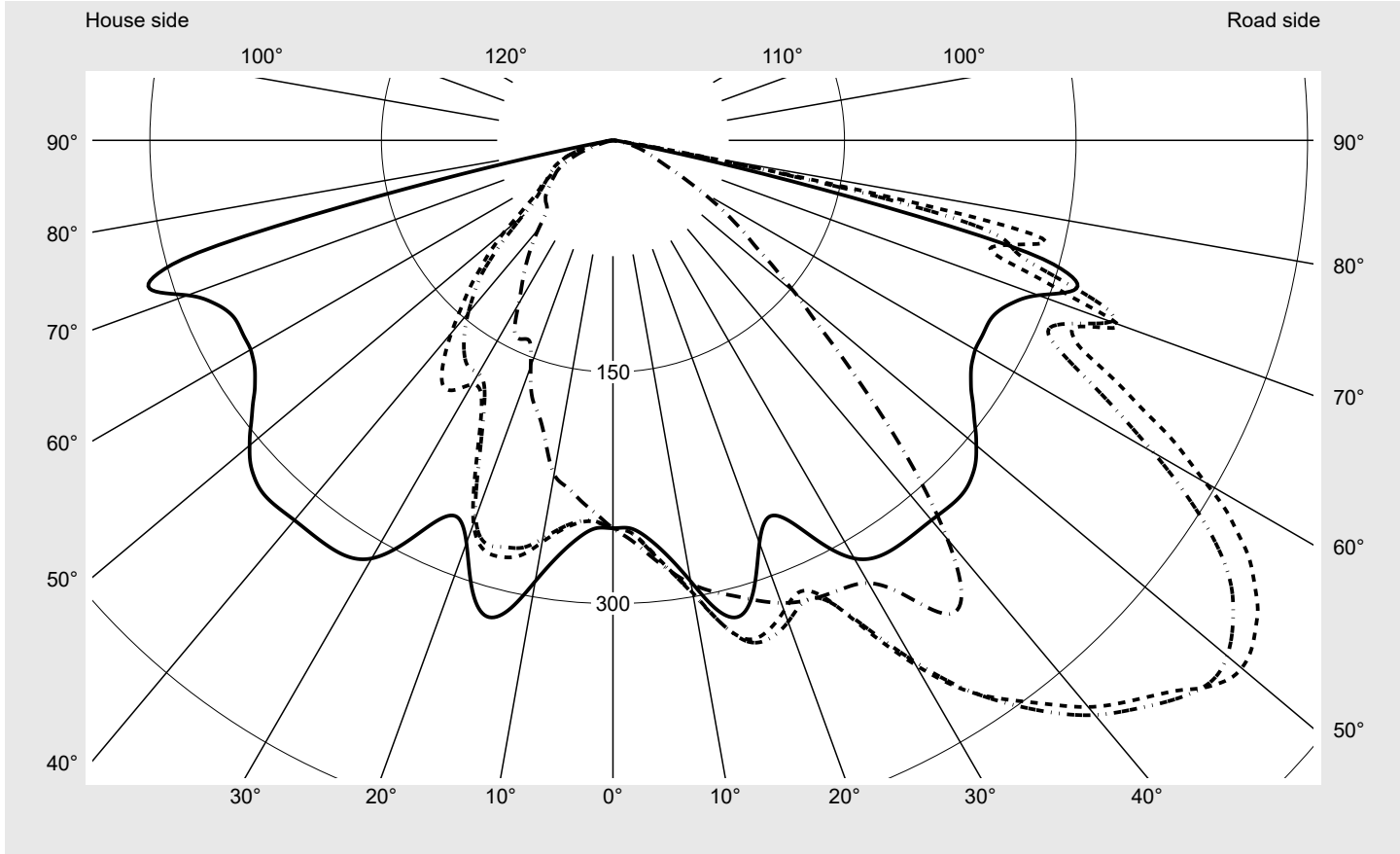


# Photometric test report

|   |   |  |
|---|---|--|
| <b>Family</b><br><b>DL® 50 mini LED</b> | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b>  | <b>LP number</b><br><b>59074_153</b>             |
|   | <b>Version</b> post-top or side-entry mounting<br><b>Optic</b> asymmetric, wide distribution (ST0.5a G)<br><b>Cover</b> toughened safety glass<br><b>Lamps</b> LED 4000 K   CRI ≥ 70<br><b>Controlgear</b> ECG SITECO iQ<br><b>Rated values</b> Net luminous flux = 19390 lm<br>Power consumption = 115.8 W<br>Luminous efficacy = 167.4 lm/W | <b>serial documentation</b><br><b>03.04.2023</b> |



**Luminous intensity in cd/klm** C180-0 C210-30 C212,5-32,5 C270-90 **Imax: 532 cd/klm**



| Luminaire output ratios |        |
|-------------------------|--------|
| Eta                     | 100.0% |
| Eta 0° - 90°            | 100.0% |
| Eta 90° - 180°          | 0.0%   |

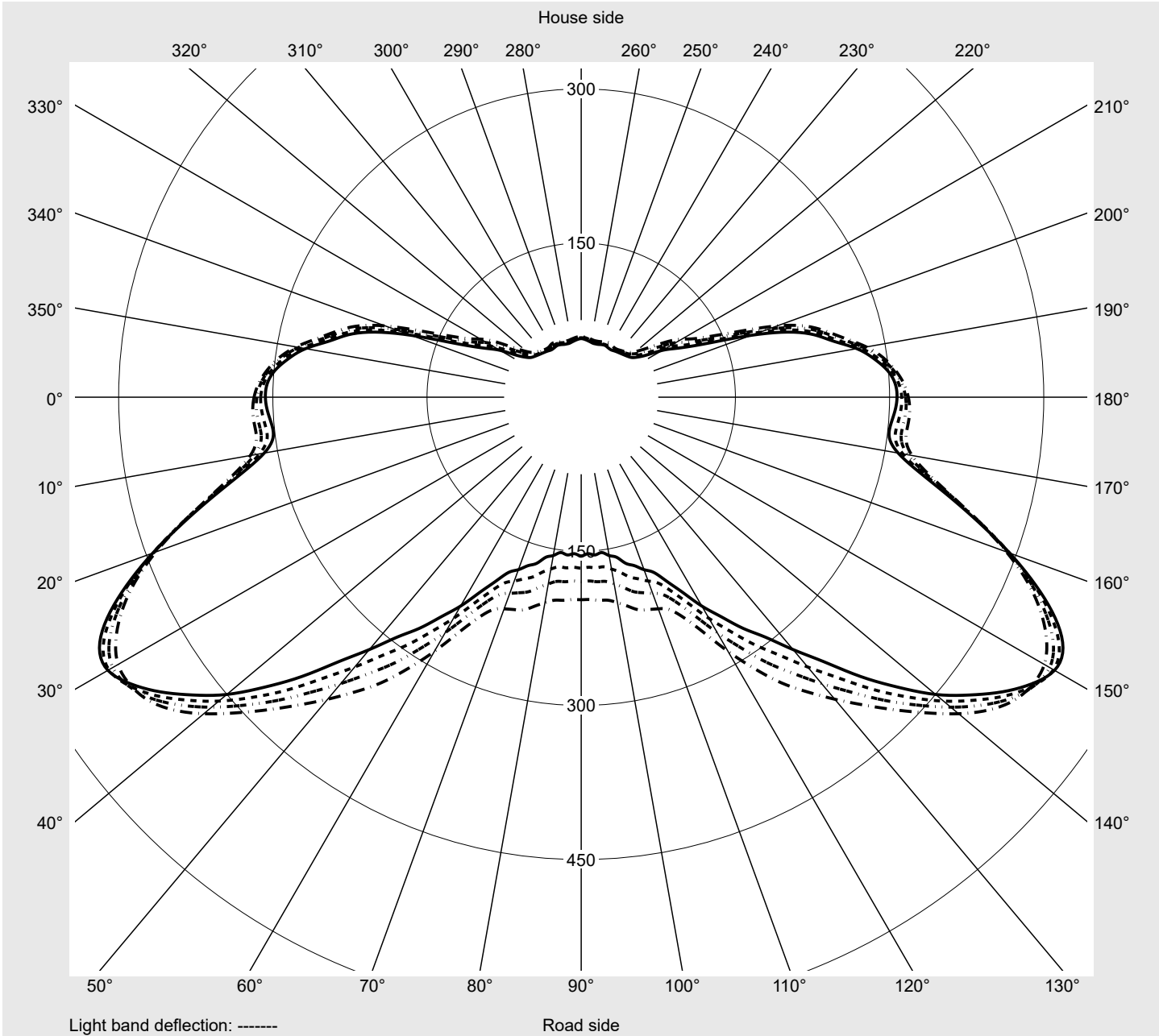
| Luminous intensity class acc. to EN13201-2 |       |
|--|-------|
| Class:                                     | G4    |
| Imax 70°                                   | 466.0 |
| Imax 80°                                   | 84.5  |
| Imax 90°                                   | 0.0   |
| Imax >90°                                  | 0.0   |
| Imax >95°                                  | 0.0   |

**Measurement conditions**  
DIN EN 13032 and DIN 5032

**Photometric test report**

|   |  |                                      |
|---|--|--------------------------------------|
| <b>Family</b><br><b>DL® 50 mini LED</b> | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b> | <b>LP number</b><br><b>59074_153</b> |
|---|--|--------------------------------------|

**Envelope curve in cd/klm**      **KMK 50°**    **KMK 49°**    **KMK 48°**    **KMK 47°**      **siteco**



# Photometric test report

|   |  |                                      |
|---|--|--------------------------------------|
| <b>Family</b><br><b>DL® 50 mini LED</b>         | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b> | <b>LP number</b><br><b>59074_153</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>    |




| 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° |
|----------|------------------------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| $\gamma$ | Luminous intensity in cd/klm |                |                |                |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 0,0°     | 251.2                        | 251.2          | 251.2          | 251.2          | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           |
| 2,5°     | 251.4                        | 251.6          | 251.8          | 252.0          | 252.2           | 252.5           | 252.7           | 252.9           | 253.1           | 253.4           | 253.5           | 253.8           | 254.0           | 254.1           | 254.3           |
| 5,0°     | 258.5                        | 259.1          | 259.9          | 260.7          | 261.4           | 261.9           | 262.2           | 262.4           | 262.9           | 263.3           | 263.8           | 264.5           | 265.1           | 265.8           | 266.0           |
| 7,5°     | 271.3                        | 272.4          | 273.6          | 274.3          | 275.1           | 275.2           | 275.8           | 276.2           | 277.2           | 277.8           | 278.9           | 279.5           | 280.4           | 280.6           | 281.2           |
| 10,0°    | 290.0                        | 291.7          | 292.5          | 293.3          | 293.3           | 293.7           | 293.8           | 294.8           | 295.2           | 296.2           | 296.6           | 297.4           | 297.4           | 298.3           | 298.3           |
| 12,5°    | 311.3                        | 313.3          | 313.5          | 314.3          | 313.7           | 314.5           | 314.5           | 316.0           | 316.4           | 317.8           | 318.0           | 319.1           | 319.2           | 319.3           | 319.7           |
| 15,0°    | 318.8                        | 319.0          | 318.7          | 318.1          | 317.6           | 318.1           | 319.4           | 321.2           | 323.3           | 325.6           | 328.2           | 331.2           | 334.4           | 335.9           | 338.6           |
| 17,5°    | 304.0                        | 303.9          | 303.0          | 302.2          | 302.2           | 303.6           | 305.8           | 308.9           | 312.5           | 317.0           | 321.9           | 327.5           | 333.1           | 338.1           | 342.9           |
| 20,0°    | 277.5                        | 279.5          | 278.2          | 279.7          | 280.3           | 283.9           | 286.4           | 291.6           | 295.9           | 303.0           | 309.1           | 317.6           | 324.2           | 331.8           | 337.5           |
| 22,5°    | 264.0                        | 267.6          | 270.2          | 273.0          | 276.7           | 280.1           | 284.1           | 288.4           | 294.0           | 299.7           | 305.5           | 311.0           | 316.4           | 323.3           | 328.1           |
| 25,0°    | 272.6                        | 278.4          | 284.8          | 289.0          | 294.6           | 297.4           | 303.0           | 307.0           | 314.1           | 318.1           | 323.3           | 324.9           | 327.7           | 329.1           | 329.6           |
| 27,5°    | 295.0                        | 303.0          | 310.2          | 315.7          | 320.4           | 324.5           | 330.3           | 337.3           | 345.3           | 352.0           | 357.0           | 359.1           | 358.7           | 356.0           | 352.1           |
| 30,0°    | 312.6                        | 321.6          | 329.3          | 334.8          | 339.7           | 345.3           | 353.5           | 363.4           | 374.5           | 384.0           | 390.8           | 393.4           | 392.3           | 389.1           | 384.2           |
| 32,5°    | 319.6                        | 328.7          | 336.2          | 341.5          | 346.5           | 353.7           | 364.6           | 378.0           | 392.2           | 404.9           | 414.2           | 419.5           | 421.4           | 420.1           | 417.0           |
| 35,0°    | 321.1                        | 329.9          | 336.8          | 341.5          | 346.4           | 355.1           | 368.4           | 384.8           | 401.8           | 417.0           | 428.5           | 436.4           | 441.7           | 445.0           | 445.9           |
| 37,5°    | 321.0                        | 329.2          | 335.1          | 339.0          | 344.3           | 354.7           | 370.4           | 388.9           | 408.1           | 425.7           | 439.8           | 450.7           | 459.9           | 467.0           | 470.9           |
| 40,0°    | 321.1                        | 328.1          | 332.6          | 335.4          | 341.2           | 353.8           | 371.8           | 392.6           | 413.9           | 433.7           | 451.2           | 466.8           | 479.0           | 485.8           | 489.2           |
| 42,5°    | 322.0                        | 327.4          | 330.2          | 331.7          | 338.2           | 353.2           | 373.9           | 397.4           | 421.9           | 445.7           | 466.4           | 482.2           | 493.0           | 499.6           | 503.4           |
| 45,0°    | 321.7                        | 325.2          | 325.9          | 326.2          | 333.4           | 350.6           | 374.7           | 402.9           | 432.6           | 459.9           | 481.2           | 496.2           | 506.0           | 512.5           | 514.5           |
| 46,0°    | 320.4                        | 323.0          | 322.9          | 323.1          | 330.8           | 348.8           | 374.6           | 404.9           | 436.7           | 465.0           | 486.8           | 502.2           | 512.4           | 517.0           | 515.5           |
| 47,0°    | 318.3                        | 319.8          | 318.9          | 318.7          | 326.8           | 346.0           | 374.0           | 406.7           | 440.3           | 469.9           | 493.1           | 510.3           | 520.3           | 520.6           | 514.2           |
| 48,0°    | 315.5                        | 316.1          | 314.3          | 314.0          | 322.6           | 343.2           | 373.1           | 407.5           | 442.4           | 473.6           | 498.8           | 517.8           | 526.3           | 522.6           | 510.9           |
| 49,0°    | 311.8                        | 311.1          | 308.7          | 308.2          | 317.7           | 339.8           | 371.5           | 407.1           | 443.4           | 476.8           | 504.5           | 524.3           | 530.6           | 522.1           | 506.0           |
| 50,0°    | 307.3                        | 305.5          | 302.3          | 302.4          | 313.1           | 336.8           | 369.4           | 405.8           | 443.5           | 478.7           | 508.9           | 528.4           | 531.7           | 519.4           | 500.0           |
| 51,0°    | 302.6                        | 299.8          | 296.4          | 297.2          | 309.2           | 334.1           | 367.1           | 403.9           | 442.8           | 480.1           | 511.8           | 530.6           | 530.3           | 515.2           | 493.5           |
| 52,0°    | 297.4                        | 293.5          | 290.1          | 292.2          | 305.7           | 331.6           | 365.0           | 402.3           | 442.5           | 481.8           | 514.3           | 530.3           | 526.6           | 509.6           | 486.2           |
| 53,0°    | 292.7                        | 288.2          | 284.9          | 288.3          | 303.2           | 330.1           | 363.8           | 401.8           | 443.4           | 483.8           | 515.5           | 527.9           | 521.7           | 503.1           | 477.1           |
| 54,0°    | 288.2                        | 283.2          | 280.2          | 285.0          | 301.4           | 329.2           | 363.5           | 402.6           | 445.7           | 486.4           | 515.8           | 524.7           | 516.4           | 495.7           | 465.9           |
| 55,0°    | 283.4                        | 278.2          | 275.8          | 282.2          | 300.2           | 329.3           | 364.6           | 405.4           | 449.7           | 489.9           | 514.5           | 518.9           | 508.3           | 485.8           | 451.7           |
| 56,0°    | 279.7                        | 274.5          | 272.9          | 280.7          | 300.1           | 330.3           | 366.8           | 409.4           | 454.6           | 493.0           | 512.5           | 512.6           | 499.7           | 473.3           | 435.0           |
| 57,0°    | 276.5                        | 271.6          | 271.0          | 280.2          | 300.9           | 332.6           | 370.0           | 415.0           | 460.3           | 495.6           | 510.2           | 504.8           | 489.8           | 458.4           | 417.8           |
| 58,0°    | 274.0                        | 269.6          | 269.9          | 280.6          | 302.6           | 335.7           | 375.0           | 421.7           | 467.1           | 497.5           | 505.6           | 496.5           | 476.1           | 441.5           | 399.8           |
| 59,0°    | 272.3                        | 268.4          | 269.7          | 281.8          | 305.1           | 339.6           | 380.6           | 429.2           | 473.6           | 498.4           | 500.6           | 486.7           | 462.3           | 423.6           | 381.6           |
| 60,0°    | 271.0                        | 267.7          | 270.0          | 283.5          | 308.5           | 345.4           | 389.0           | 439.3           | 480.2           | 497.4           | 492.4           | 473.1           | 443.3           | 404.4           | 363.7           |
| 61,0°    | 270.6                        | 267.5          | 270.6          | 285.5          | 312.1           | 351.4           | 397.6           | 448.8           | 485.1           | 494.7           | 483.7           | 459.2           | 425.6           | 385.0           | 346.3           |
| 62,0°    | 270.6                        | 267.6          | 271.4          | 287.9          | 316.3           | 358.2           | 407.0           | 458.0           | 489.0           | 491.0           | 474.6           | 445.2           | 408.3           | 366.8           | 330.9           |
| 63,0°    | 270.5                        | 267.9          | 273.2          | 291.1          | 321.6           | 366.4           | 418.0           | 467.2           | 490.5           | 484.2           | 462.0           | 427.4           | 386.7           | 348.6           | 316.4           |
| 64,0°    | 270.4                        | 268.7          | 275.7          | 295.6          | 327.7           | 374.6           | 428.6           | 473.9           | 489.8           | 477.0           | 449.7           | 410.9           | 368.6           | 331.5           | 304.6           |
| 65,0°    | 271.0                        | 270.8          | 279.3          | 302.0          | 335.3           | 384.9           | 439.6           | 479.8           | 487.1           | 467.0           | 436.2           | 391.2           | 350.1           | 317.6           | 297.1           |
| 66,0°    | 272.9                        | 273.8          | 284.7          | 309.3          | 344.5           | 395.6           | 449.6           | 482.9           | 481.7           | 457.1           | 420.5           | 374.1           | 332.4           | 308.9           | 295.5           |
| 67,0°    | 275.8                        | 277.6          | 290.5          | 317.8          | 353.5           | 405.6           | 457.2           | 482.8           | 475.7           | 446.4           | 406.8           | 361.1           | 323.7           | 308.7           | 303.1           |
| 68,0°    | 280.0                        | 283.6          | 299.2          | 329.0          | 364.2           | 415.9           | 463.1           | 478.8           | 466.2           | 433.5           | 393.9           | 353.0           | 322.9           | 317.1           | 320.0           |
| 69,0°    | 285.2                        | 290.3          | 309.4          | 341.5          | 376.0           | 425.6           | 465.8           | 471.9           | 453.2           | 418.4           | 384.3           | 356.2           | 337.9           | 331.0           | 338.2           |
| 70,0°    | 293.3                        | 300.8          | 322.8          | 358.3          | 390.0           | 435.5           | 466.0           | 461.7           | 438.8           | 394.0           | 359.3           | 335.9           | 348.2           | 343.3           | 350.0           |
| 71,0°    | 304.7                        | 313.5          | 340.2          | 376.2          | 407.0           | 443.9           | 462.4           | 451.1           | 422.5           | 374.2           | 327.5           | 302.7           | 319.0           | 340.6           | 352.8           |
| 72,0°    | 314.0                        | 325.0          | 356.5          | 392.8          | 420.5           | 448.6           | 456.5           | 440.5           | 406.8           | 354.4           | 302.6           | 275.3           | 291.8           | 320.9           | 339.0           |

## Photometric test report

|   |  |                                      |
|---|--|--------------------------------------|
| <b>Family</b><br><b>DL® 50 mini LED</b>         | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b> | <b>LP number</b><br><b>59074_153</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>    |
|   |  | <b>siteco</b>                        |

| C-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°     | 251.2                        | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           | 251.2           |
| 2,5°     | 254.5                        | 255.2           | 255.3           | 255.7           | 256.0           | 256.3           | 256.5           | 256.6           | 256.8           | 257.1           | 257.2           | 257.4           | 257.6           | 257.9           | 258.1           |
| 5,0°     | 266.8                        | 266.8           | 267.7           | 267.7           | 268.1           | 268.3           | 268.3           | 269.0           | 268.7           | 269.2           | 269.1           | 269.1           | 269.6           | 269.3           | 269.8           |
| 7,5°     | 281.5                        | 281.9           | 282.2           | 282.3           | 282.5           | 282.3           | 282.6           | 282.4           | 282.6           | 282.3           | 282.3           | 282.2           | 282.1           | 282.1           | 281.8           |
| 10,0°    | 299.0                        | 299.0           | 299.4           | 299.2           | 299.3           | 299.1           | 298.9           | 298.6           | 297.9           | 297.4           | 296.6           | 296.2           | 295.4           | 295.0           | 294.2           |
| 12,5°    | 320.1                        | 320.4           | 320.2           | 320.1           | 319.1           | 318.7           | 316.9           | 316.2           | 313.9           | 313.0           | 310.8           | 309.6           | 307.6           | 306.3           | 304.8           |
| 15,0°    | 340.5                        | 342.3           | 342.5           | 342.7           | 341.0           | 339.6           | 336.2           | 333.6           | 329.9           | 327.1           | 324.0           | 321.5           | 318.9           | 316.6           | 314.3           |
| 17,5°    | 347.6                        | 351.7           | 355.2           | 357.7           | 358.7           | 358.2           | 355.7           | 352.1           | 347.1           | 341.9           | 336.9           | 332.7           | 329.1           | 326.0           | 323.3           |
| 20,0°    | 344.0                        | 349.0           | 354.3           | 358.3           | 362.0           | 364.4           | 365.8           | 365.4           | 362.8           | 358.1           | 352.0           | 345.7           | 340.3           | 336.0           | 332.6           |
| 22,5°    | 333.1                        | 337.7           | 342.8           | 347.5           | 352.4           | 356.8           | 361.0           | 364.1           | 366.0           | 365.5           | 362.5           | 356.9           | 350.4           | 344.3           | 339.5           |
| 25,0°    | 329.4                        | 330.1           | 331.6           | 334.3           | 338.1           | 342.8           | 348.1           | 353.2           | 358.0           | 362.0           | 364.1           | 363.2           | 359.0           | 352.4           | 345.9           |
| 27,5°    | 347.1                        | 342.4           | 337.9           | 334.9           | 333.7           | 335.2           | 339.0           | 344.3           | 350.0           | 355.4           | 359.9           | 362.5           | 362.1           | 357.5           | 350.6           |
| 30,0°    | 377.6                        | 370.2           | 362.4           | 355.6           | 350.3           | 346.8           | 345.3           | 346.0           | 348.8           | 352.7           | 356.7           | 360.3           | 362.3           | 360.7           | 355.3           |
| 32,5°    | 412.1                        | 406.0           | 399.9           | 393.2           | 385.5           | 376.4           | 368.0           | 361.2           | 357.4           | 356.7           | 358.4           | 361.6           | 365.2           | 367.2           | 365.5           |
| 35,0°    | 445.2                        | 443.0           | 439.0           | 431.9           | 422.2           | 410.4           | 397.9           | 385.7           | 375.9           | 369.9           | 368.9           | 371.8           | 377.7           | 383.7           | 387.2           |
| 37,5°    | 472.4                        | 471.4           | 467.7           | 461.4           | 453.1           | 442.5           | 429.5           | 414.4           | 399.0           | 386.7           | 380.4           | 380.7           | 385.1           | 390.8           | 393.5           |
| 40,0°    | 490.9                        | 490.6           | 487.8           | 482.0           | 472.7           | 459.3           | 442.4           | 423.2           | 402.3           | 384.3           | 371.8           | 367.6           | 367.3           | 369.0           | 367.2           |
| 42,5°    | 504.6                        | 501.5           | 492.9           | 479.9           | 462.7           | 443.9           | 422.9           | 403.6           | 384.1           | 366.5           | 349.1           | 336.5           | 326.0           | 321.7           | 315.5           |
| 45,0°    | 509.3                        | 495.9           | 476.2           | 454.4           | 432.2           | 412.0           | 393.9           | 376.2           | 354.9           | 330.8           | 303.3           | 280.0           | 264.2           | 258.0           | 254.7           |
| 46,0°    | 506.0                        | 488.6           | 465.7           | 442.2           | 419.6           | 399.4           | 380.0           | 359.9           | 335.5           | 308.8           | 279.8           | 256.5           | 242.0           | 236.8           | 234.7           |
| 47,0°    | 500.0                        | 479.3           | 454.7           | 430.1           | 406.2           | 383.7           | 361.6           | 339.3           | 312.9           | 285.7           | 258.2           | 237.0           | 223.7           | 219.2           | 216.7           |
| 48,0°    | 492.2                        | 469.3           | 443.6           | 417.2           | 389.6           | 363.9           | 338.8           | 315.4           | 289.2           | 264.4           | 240.1           | 220.7           | 208.0           | 203.1           | 199.5           |
| 49,0°    | 484.2                        | 460.2           | 432.1           | 402.5           | 370.7           | 342.8           | 316.4           | 294.0           | 270.2           | 248.6           | 226.6           | 208.7           | 195.9           | 190.4           | 185.4           |
| 50,0°    | 476.1                        | 450.1           | 417.7           | 384.5           | 349.1           | 320.7           | 294.4           | 274.7           | 253.3           | 234.8           | 214.4           | 198.1           | 184.6           | 178.7           | 171.9           |
| 51,0°    | 467.8                        | 437.8           | 401.4           | 364.5           | 328.5           | 299.9           | 276.0           | 257.4           | 239.3           | 222.4           | 204.3           | 188.2           | 175.0           | 167.5           | 160.2           |
| 52,0°    | 457.4                        | 423.0           | 383.1           | 344.8           | 309.6           | 282.2           | 260.0           | 243.2           | 227.2           | 212.1           | 195.3           | 179.8           | 166.7           | 158.1           | 149.7           |
| 53,0°    | 443.8                        | 405.3           | 363.8           | 325.7           | 291.9           | 265.9           | 245.7           | 230.6           | 216.0           | 202.5           | 187.0           | 172.3           | 159.0           | 149.4           | 140.7           |
| 54,0°    | 428.1                        | 387.1           | 345.8           | 309.3           | 277.5           | 253.4           | 234.8           | 220.4           | 207.1           | 195.0           | 180.9           | 166.7           | 153.5           | 143.0           | 133.9           |
| 55,0°    | 410.0                        | 368.3           | 328.4           | 294.2           | 265.3           | 243.1           | 225.4           | 211.9           | 199.8           | 188.7           | 175.6           | 161.9           | 148.8           | 138.0           | 128.2           |
| 56,0°    | 391.1                        | 349.9           | 312.1           | 281.0           | 255.2           | 234.3           | 217.6           | 204.9           | 193.5           | 182.9           | 170.4           | 157.5           | 145.2           | 134.1           | 122.3           |
| 57,0°    | 373.4                        | 333.9           | 298.4           | 271.2           | 247.6           | 228.4           | 212.3           | 199.8           | 188.0           | 177.6           | 165.5           | 153.2           | 138.6           | 125.2           | 112.7           |
| 58,0°    | 356.4                        | 319.3           | 287.3           | 263.4           | 241.9           | 224.0           | 207.9           | 195.1           | 182.2           | 171.2           | 157.6           | 144.2           | 126.7           | 114.4           | 101.8           |
| 59,0°    | 340.7                        | 306.5           | 278.8           | 257.3           | 238.1           | 220.4           | 204.2           | 190.2           | 175.6           | 161.9           | 146.1           | 131.3           | 116.0           | 104.2           | 93.4            |
| 60,0°    | 325.9                        | 296.1           | 272.2           | 253.2           | 235.7           | 217.9           | 200.6           | 184.6           | 166.5           | 150.4           | 134.5           | 120.6           | 106.1           | 94.9            | 84.6            |
| 61,0°    | 312.5                        | 287.5           | 267.4           | 250.8           | 234.2           | 215.9           | 196.6           | 177.2           | 155.5           | 138.2           | 122.5           | 108.9           | 95.1            | 84.8            | 75.4            |
| 62,0°    | 302.1                        | 281.5           | 265.0           | 250.0           | 233.6           | 214.3           | 191.9           | 168.6           | 144.8           | 126.9           | 111.2           | 98.0            | 84.9            | 75.4            | 67.0            |
| 63,0°    | 293.6                        | 277.8           | 264.6           | 250.2           | 233.1           | 211.9           | 185.6           | 158.6           | 133.4           | 115.1           | 99.6            | 86.9            | 74.9            | 66.3            | 59.0            |
| 64,0°    | 287.9                        | 276.4           | 265.7           | 251.2           | 232.0           | 207.6           | 177.0           | 147.1           | 120.7           | 102.2           | 86.8            | 75.0            | 64.4            | 57.1            | 51.1            |
| 65,0°    | 286.2                        | 278.1           | 268.2           | 252.3           | 229.3           | 200.7           | 166.8           | 135.7           | 108.3           | 90.0            | 74.9            | 64.5            | 55.2            | 49.5            | 44.7            |
| 66,0°    | 290.2                        | 283.6           | 272.4           | 252.8           | 224.6           | 191.8           | 155.1           | 123.5           | 95.1            | 77.8            | 63.3            | 54.9            | 46.9            | 43.1            | 38.8            |
| 67,0°    | 303.0                        | 294.6           | 277.9           | 251.9           | 218.0           | 181.4           | 143.6           | 110.6           | 82.9            | 66.0            | 54.1            | 46.7            | 40.6            | 37.4            | 34.6            |
| 68,0°    | 323.3                        | 310.3           | 284.7           | 249.4           | 208.9           | 169.9           | 131.3           | 98.3            | 71.0            | 56.0            | 46.4            | 40.5            | 35.8            | 33.6            | 31.4            |
| 69,0°    | 341.6                        | 325.4           | 290.9           | 245.8           | 198.9           | 157.2           | 118.2           | 85.5            | 59.7            | 47.2            | 40.0            | 35.7            | 32.1            | 30.5            | 28.7            |
| 70,0°    | 351.0                        | 334.0           | 294.4           | 242.7           | 190.7           | 145.5           | 105.0           | 74.1            | 51.0            | 40.4            | 35.4            | 32.6            | 29.9            | 28.5            | 27.0            |
| 71,0°    | 353.1                        | 334.3           | 293.7           | 239.1           | 183.2           | 133.0           | 91.3            | 63.9            | 43.1            | 35.1            | 31.9            | 30.2            | 28.2            | 27.2            | 25.7            |
| 72,0°    | 340.8                        | 321.4           | 280.1           | 228.4           | 172.1           | 118.6           | 79.0            | 54.3            | 37.2            | 30.9            | 29.1            | 27.8            | 26.6            | 25.8            | 24.2            |

# Photometric test report

|   |  |                                      |
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| <b>Family</b><br><b>DL® 50 mini LED</b>   | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b> | <b>LP number</b><br><b>59074_153</b> |
| <b>Table of values for luminous intensities</b>                                     |  | <b>Maximum luminous intensity</b>    |
|  |  |                                      |

| C-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°     | 251.2                        | 251.2           | 251.2           | 251.2          | 251.2          | 251.2          | 251.2 | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            |
| 2,5°     | 258.3                        | 258.5           | 258.7           | 258.7          | 258.8          | 258.8          | 258.8 | 251.1            | 250.9            | 250.6            | 250.3            | 250.0            | 249.7            | 249.4            | 248.9            |
| 5,0°     | 269.8                        | 269.6           | 270.1           | 269.6          | 269.8          | 270.0          | 269.5 | 258.0            | 257.4            | 256.9            | 256.1            | 255.3            | 254.3            | 253.5            | 252.5            |
| 7,5°     | 281.9                        | 281.5           | 281.5           | 281.3          | 281.2          | 281.3          | 281.0 | 270.1            | 269.2            | 268.1            | 267.0            | 265.5            | 264.1            | 262.5            | 261.0            |
| 10,0°    | 293.6                        | 292.9           | 292.4           | 292.1          | 291.8          | 291.7          | 291.5 | 288.5            | 286.7            | 285.2            | 283.2            | 281.4            | 278.9            | 276.7            | 274.1            |
| 12,5°    | 303.5                        | 302.3           | 301.1           | 300.5          | 299.8          | 299.7          | 299.3 | 310.0            | 307.5            | 305.8            | 303.1            | 300.8            | 297.4            | 294.4            | 290.7            |
| 15,0°    | 312.2                        | 310.3           | 308.6           | 307.3          | 306.3          | 305.8          | 305.5 | 318.1            | 317.0            | 315.8            | 314.3            | 312.5            | 309.9            | 306.7            | 302.7            |
| 17,5°    | 320.8                        | 318.7           | 316.6           | 314.9          | 313.6          | 312.9          | 312.5 | 303.9            | 303.5            | 303.6            | 303.7            | 303.7            | 302.7            | 301.1            | 298.0            |
| 20,0°    | 329.5                        | 326.9           | 324.3           | 322.1          | 320.3          | 319.2          | 318.7 | 277.4            | 274.6            | 275.3            | 273.9            | 276.0            | 274.8            | 276.0            | 271.7            |
| 22,5°    | 335.5                        | 332.4           | 329.5           | 327.1          | 324.9          | 323.4          | 322.8 | 259.3            | 253.9            | 250.2            | 247.3            | 246.9            | 246.2            | 244.7            | 241.5            |
| 25,0°    | 340.5                        | 336.3           | 332.8           | 329.9          | 327.4          | 325.7          | 325.0 | 263.5            | 254.7            | 246.2            | 239.8            | 235.5            | 230.5            | 225.4            | 223.6            |
| 27,5°    | 343.8                        | 338.2           | 333.8           | 330.7          | 328.5          | 327.0          | 326.5 | 284.7            | 273.6            | 263.2            | 254.7            | 247.3            | 238.2            | 232.0            | 227.2            |
| 30,0°    | 348.2                        | 341.9           | 337.0           | 334.0          | 332.2          | 331.4          | 331.0 | 301.9            | 290.7            | 280.5            | 272.3            | 262.9            | 254.7            | 248.5            | 238.0            |
| 32,5°    | 360.2                        | 355.8           | 351.6           | 349.9          | 348.4          | 348.6          | 347.9 | 309.7            | 300.0            | 291.5            | 283.5            | 274.8            | 268.8            | 260.6            | 246.0            |
| 35,0°    | 385.1                        | 381.9           | 377.7           | 375.5          | 374.1          | 374.5          | 374.1 | 312.0            | 303.8            | 297.0            | 288.8            | 281.7            | 275.4            | 263.4            | 249.1            |
| 37,5°    | 390.5                        | 383.7           | 377.4           | 372.6          | 370.8          | 370.4          | 370.9 | 312.5            | 305.2            | 298.7            | 290.6            | 283.5            | 273.8            | 259.9            | 247.4            |
| 40,0°    | 362.2                        | 352.4           | 345.4           | 339.0          | 337.3          | 335.9          | 337.1 | 313.2            | 306.3            | 298.9            | 290.6            | 281.8            | 268.4            | 254.3            | 243.0            |
| 42,5°    | 311.2                        | 301.1           | 295.9           | 289.7          | 289.1          | 286.7          | 288.6 | 315.1            | 308.1            | 299.4            | 289.1            | 277.2            | 261.4            | 248.0            | 235.0            |
| 45,0°    | 252.5                        | 246.7           | 242.1           | 237.9          | 236.9          | 235.4          | 235.5 | 316.0            | 308.4            | 298.9            | 285.9            | 270.6            | 254.2            | 239.7            | 220.5            |
| 46,0°    | 232.6                        | 227.0           | 222.0           | 217.8          | 216.9          | 215.4          | 215.4 | 315.3            | 307.7            | 297.9            | 284.1            | 267.2            | 250.8            | 235.2            | 212.3            |
| 47,0°    | 214.1                        | 208.2           | 203.1           | 199.3          | 198.5          | 197.1          | 197.1 | 313.9            | 306.4            | 296.1            | 281.7            | 263.4            | 247.1            | 229.7            | 202.8            |
| 48,0°    | 195.9                        | 189.6           | 184.6           | 180.8          | 180.3          | 179.0          | 179.6 | 312.0            | 304.7            | 293.9            | 279.1            | 259.8            | 243.5            | 224.0            | 193.7            |
| 49,0°    | 181.0                        | 174.4           | 169.8           | 166.5          | 166.7          | 165.7          | 166.4 | 309.1            | 302.3            | 291.0            | 276.0            | 255.8            | 239.3            | 217.5            | 184.7            |
| 50,0°    | 167.4                        | 159.6           | 156.5           | 152.5          | 154.1          | 152.4          | 154.5 | 305.7            | 299.1            | 287.3            | 272.2            | 251.6            | 234.7            | 210.7            | 176.2            |
| 51,0°    | 153.5                        | 146.0           | 142.0           | 139.4          | 140.5          | 140.4          | 140.9 | 301.9            | 295.3            | 283.0            | 268.0            | 247.0            | 229.5            | 203.9            | 168.4            |
| 52,0°    | 141.1                        | 133.1           | 130.1           | 128.6          | 130.1          | 129.9          | 130.2 | 297.6            | 291.0            | 277.8            | 262.7            | 241.6            | 223.6            | 196.8            | 161.0            |
| 53,0°    | 130.9                        | 122.6           | 119.8           | 118.1          | 119.2          | 118.6          | 118.5 | 293.3            | 286.5            | 272.0            | 255.9            | 235.2            | 217.1            | 190.0            | 154.2            |
| 54,0°    | 123.7                        | 115.2           | 111.8           | 110.1          | 110.8          | 110.1          | 110.2 | 289.1            | 281.9            | 266.2            | 248.3            | 227.2            | 208.9            | 182.0            | 147.2            |
| 55,0°    | 118.0                        | 109.8           | 105.9           | 103.8          | 104.2          | 103.2          | 103.2 | 284.5            | 277.0            | 260.5            | 241.3            | 219.3            | 199.2            | 172.0            | 139.0            |
| 56,0°    | 110.9                        | 102.4           | 98.4            | 96.7           | 96.8           | 95.7           | 95.4  | 280.7            | 272.7            | 255.6            | 235.4            | 213.0            | 191.1            | 161.6            | 128.9            |
| 57,0°    | 102.6                        | 95.2            | 91.9            | 90.2           | 90.1           | 88.6           | 88.5  | 277.2            | 268.6            | 250.5            | 229.7            | 206.7            | 183.9            | 152.1            | 118.2            |
| 58,0°    | 94.4                         | 87.5            | 85.0            | 82.7           | 83.0           | 80.3           | 81.0  | 274.4            | 265.0            | 246.0            | 224.3            | 200.7            | 176.7            | 144.3            | 109.6            |
| 59,0°    | 86.1                         | 79.9            | 77.1            | 75.6           | 75.1           | 72.8           | 73.0  | 272.3            | 261.9            | 241.7            | 219.4            | 195.0            | 169.8            | 136.9            | 102.7            |
| 60,0°    | 78.0                         | 72.0            | 69.8            | 68.6           | 68.0           | 65.4           | 65.6  | 270.6            | 259.0            | 237.5            | 214.4            | 189.3            | 162.7            | 129.3            | 96.0             |
| 61,0°    | 69.3                         | 63.9            | 62.0            | 61.1           | 60.2           | 57.8           | 58.0  | 269.8            | 257.2            | 234.3            | 210.2            | 184.0            | 156.4            | 122.6            | 89.9             |
| 62,0°    | 61.6                         | 56.8            | 55.4            | 54.7           | 53.6           | 51.4           | 51.7  | 269.3            | 255.6            | 231.4            | 205.7            | 178.1            | 149.7            | 115.9            | 84.1             |
| 63,0°    | 54.4                         | 50.5            | 49.5            | 48.9           | 47.5           | 45.9           | 45.9  | 268.5            | 253.0            | 227.3            | 198.8            | 168.6            | 139.9            | 107.9            | 78.4             |
| 64,0°    | 47.4                         | 44.3            | 43.7            | 43.0           | 41.7           | 40.3           | 40.4  | 267.9            | 249.9            | 221.4            | 188.2            | 152.7            | 123.7            | 95.7             | 72.6             |
| 65,0°    | 41.9                         | 39.5            | 39.2            | 38.4           | 37.5           | 36.1           | 36.2  | 268.2            | 247.1            | 214.7            | 175.8            | 132.6            | 102.0            | 78.9             | 64.7             |
| 66,0°    | 37.2                         | 35.1            | 35.5            | 34.5           | 34.0           | 32.5           | 33.0  | 269.3            | 245.8            | 209.9            | 164.1            | 114.6            | 81.9             | 65.2             | 55.6             |
| 67,0°    | 33.3                         | 32.3            | 32.4            | 31.8           | 30.8           | 29.9           | 30.0  | 271.6            | 246.3            | 206.5            | 154.8            | 100.7            | 68.8             | 55.9             | 48.4             |
| 68,0°    | 30.5                         | 29.9            | 30.1            | 29.3           | 28.5           | 27.8           | 27.9  | 275.4            | 248.4            | 203.4            | 145.5            | 89.3             | 61.2             | 50.5             | 43.3             |
| 69,0°    | 28.2                         | 27.7            | 27.6            | 26.7           | 26.1           | 25.6           | 25.7  | 281.3            | 252.5            | 201.3            | 137.0            | 80.0             | 57.0             | 47.2             | 40.0             |
| 70,0°    | 26.4                         | 25.7            | 25.2            | 24.4           | 23.9           | 23.6           | 23.8  | 290.6            | 259.0            | 199.5            | 127.7            | 71.5             | 53.8             | 44.0             | 37.1             |
| 71,0°    | 24.8                         | 23.6            | 23.0            | 22.1           | 21.8           | 21.3           | 21.7  | 302.4            | 269.3            | 198.6            | 117.5            | 65.4             | 51.1             | 41.1             | 34.1             |
| 72,0°    | 23.1                         | 21.9            | 21.0            | 20.1           | 19.6           | 19.3           | 19.7  | 312.8            | 278.4            | 195.4            | 107.3            | 62.3             | 49.3             | 38.5             | 31.3             |

## Photometric test report

|   |  |                                      |
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| <b>Family</b><br><b>DL® 50 mini LED</b>         | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b> | <b>LP number</b><br><b>59074_153</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>    |
|   |  | <b>siteco</b>                        |

| C-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°     | 251.2                        | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            |
| 2,5°     | 248.5                        | 248.2            | 247.7            | 247.4            | 247.1            | 246.6            | 246.4            | 246.0            | 245.7            | 245.4            | 245.0            | 244.8            | 244.4            | 244.0            | 243.8            |
| 5,0°     | 251.7                        | 250.7            | 249.4            | 248.5            | 247.6            | 246.7            | 245.8            | 245.0            | 244.1            | 243.3            | 242.5            | 241.7            | 240.8            | 240.1            | 239.3            |
| 7,5°     | 259.4                        | 257.8            | 255.9            | 254.4            | 253.0            | 251.4            | 249.9            | 248.4            | 246.9            | 245.4            | 244.0            | 242.7            | 241.2            | 239.8            | 238.3            |
| 10,0°    | 272.0                        | 269.3            | 267.0            | 264.2            | 261.8            | 259.2            | 256.8            | 254.2            | 251.0            | 247.7            | 244.3            | 241.3            | 238.7            | 236.2            | 234.2            |
| 12,5°    | 287.1                        | 283.0            | 278.9            | 275.2            | 270.1            | 264.7            | 259.6            | 255.2            | 251.4            | 248.2            | 245.3            | 242.3            | 239.3            | 235.6            | 232.1            |
| 15,0°    | 298.1                        | 292.7            | 286.2            | 279.2            | 272.6            | 267.4            | 262.6            | 258.4            | 253.5            | 247.2            | 240.8            | 233.4            | 227.0            | 220.2            | 214.8            |
| 17,5°    | 293.5                        | 287.2            | 281.6            | 278.1            | 273.7            | 268.4            | 260.8            | 251.8            | 242.2            | 232.8            | 224.7            | 217.7            | 212.0            | 206.8            | 202.2            |
| 20,0°    | 269.2                        | 265.6            | 265.8            | 264.0            | 260.1            | 252.8            | 245.2            | 237.0            | 229.9            | 222.7            | 216.0            | 210.0            | 205.0            | 200.1            | 195.3            |
| 22,5°    | 241.7                        | 241.5            | 239.4            | 233.2            | 227.5            | 222.8            | 219.9            | 218.0            | 216.8            | 215.4            | 212.1            | 206.4            | 199.4            | 191.8            | 184.4            |
| 25,0°    | 223.2                        | 218.5            | 211.6            | 203.3            | 198.8            | 195.8            | 195.4            | 196.9            | 198.4            | 198.3            | 196.6            | 193.2            | 187.7            | 180.6            | 173.1            |
| 27,5°    | 218.3                        | 205.8            | 194.7            | 185.1            | 180.4            | 178.4            | 176.8            | 174.2            | 171.6            | 170.3            | 170.7            | 172.4            | 174.2            | 174.9            | 173.6            |
| 30,0°    | 222.5                        | 207.0            | 193.8            | 182.6            | 174.2            | 164.6            | 155.1            | 147.8            | 144.0            | 144.6            | 149.1            | 156.6            | 165.0            | 171.4            | 173.4            |
| 32,5°    | 230.4                        | 216.3            | 203.8            | 191.8            | 174.0            | 153.9            | 137.0            | 126.3            | 123.6            | 127.5            | 134.9            | 143.0            | 149.6            | 155.6            | 159.2            |
| 35,0°    | 236.2                        | 224.9            | 211.8            | 192.5            | 168.0            | 146.3            | 129.8            | 118.7            | 112.9            | 112.0            | 115.0            | 120.7            | 126.5            | 130.5            | 132.9            |
| 37,5°    | 236.8                        | 224.4            | 204.4            | 180.2            | 158.1            | 141.0            | 127.9            | 116.9            | 106.9            | 98.7             | 94.7             | 95.3             | 98.8             | 104.0            | 109.2            |
| 40,0°    | 231.1                        | 211.2            | 184.8            | 162.9            | 145.9            | 134.1            | 122.9            | 109.8            | 96.3             | 86.5             | 79.0             | 75.7             | 76.6             | 82.7             | 88.8             |
| 42,5°    | 215.3                        | 187.2            | 161.8            | 144.2            | 132.4            | 122.2            | 109.1            | 95.8             | 84.2             | 75.0             | 68.5             | 65.6             | 65.5             | 68.3             | 72.9             |
| 45,0°    | 190.7                        | 161.2            | 139.6            | 127.0            | 117.5            | 104.6            | 91.1             | 80.0             | 71.4             | 66.1             | 63.2             | 61.5             | 60.6             | 60.8             | 62.5             |
| 46,0°    | 179.4                        | 150.8            | 131.3            | 119.4            | 109.1            | 95.3             | 83.1             | 73.6             | 67.2             | 63.9             | 61.8             | 60.4             | 59.3             | 59.1             | 59.9             |
| 47,0°    | 168.1                        | 140.9            | 123.2            | 113.0            | 101.5            | 87.5             | 76.6             | 69.0             | 64.5             | 62.3             | 60.7             | 59.5             | 58.4             | 57.9             | 58.1             |
| 48,0°    | 157.9                        | 132.2            | 115.8            | 106.2            | 92.5             | 80.2             | 70.6             | 65.5             | 62.4             | 60.9             | 59.5             | 58.5             | 57.6             | 57.0             | 56.7             |
| 49,0°    | 148.6                        | 124.2            | 108.9            | 98.4             | 84.2             | 73.3             | 66.3             | 62.8             | 60.9             | 59.6             | 58.5             | 57.5             | 56.7             | 56.1             | 55.5             |
| 50,0°    | 140.6                        | 117.0            | 102.6            | 91.3             | 77.2             | 68.4             | 63.4             | 61.0             | 59.6             | 58.4             | 57.5             | 56.7             | 56.0             | 55.2             | 54.5             |
| 51,0°    | 133.3                        | 110.2            | 96.0             | 82.8             | 70.5             | 64.3             | 60.9             | 59.3             | 58.0             | 57.1             | 56.3             | 55.7             | 54.9             | 54.2             | 53.5             |
| 52,0°    | 126.2                        | 103.5            | 89.3             | 75.8             | 65.9             | 61.4             | 59.1             | 57.7             | 56.7             | 55.9             | 55.3             | 54.8             | 54.0             | 53.3             | 52.6             |
| 53,0°    | 119.8                        | 97.1             | 82.9             | 70.2             | 62.7             | 59.4             | 57.5             | 56.4             | 55.5             | 54.8             | 54.2             | 53.6             | 53.0             | 52.5             | 51.8             |
| 54,0°    | 113.2                        | 90.5             | 76.3             | 64.7             | 59.8             | 57.2             | 55.7             | 54.8             | 54.1             | 53.5             | 53.0             | 52.3             | 51.9             | 51.5             | 50.9             |
| 55,0°    | 106.1                        | 84.2             | 70.2             | 61.1             | 57.6             | 55.5             | 54.3             | 53.4             | 52.7             | 52.2             | 51.7             | 51.2             | 50.9             | 50.6             | 50.1             |
| 56,0°    | 97.9                         | 78.3             | 65.0             | 58.3             | 55.4             | 53.9             | 52.6             | 52.2             | 51.4             | 51.0             | 50.4             | 50.2             | 49.9             | 49.7             | 49.2             |
| 57,0°    | 87.7                         | 71.8             | 60.7             | 55.9             | 53.6             | 52.1             | 51.1             | 50.6             | 50.0             | 49.6             | 49.2             | 49.0             | 48.8             | 48.8             | 48.4             |
| 58,0°    | 78.4                         | 64.1             | 56.6             | 54.4             | 52.0             | 50.7             | 49.7             | 49.1             | 48.6             | 48.5             | 48.0             | 47.9             | 47.7             | 47.8             | 47.5             |
| 59,0°    | 71.7                         | 57.4             | 51.9             | 51.6             | 50.3             | 49.2             | 48.2             | 47.4             | 46.9             | 47.0             | 47.0             | 46.7             | 46.6             | 46.8             | 46.7             |
| 60,0°    | 66.6                         | 53.1             | 48.1             | 48.0             | 48.7             | 47.8             | 46.9             | 46.1             | 45.5             | 45.6             | 45.7             | 45.7             | 45.6             | 45.8             | 45.7             |
| 61,0°    | 62.6                         | 50.4             | 45.9             | 46.0             | 47.4             | 46.7             | 45.7             | 44.9             | 44.3             | 44.4             | 44.5             | 44.7             | 44.5             | 44.8             | 44.7             |
| 62,0°    | 59.1                         | 47.9             | 44.4             | 45.1             | 46.0             | 45.3             | 44.3             | 43.7             | 43.1             | 43.0             | 43.1             | 43.3             | 43.3             | 43.7             | 43.5             |
| 63,0°    | 55.9                         | 45.7             | 43.1             | 44.4             | 44.7             | 44.0             | 43.2             | 42.6             | 42.0             | 41.9             | 42.0             | 42.2             | 42.3             | 42.5             | 42.5             |
| 64,0°    | 53.1                         | 43.8             | 41.7             | 43.6             | 43.2             | 42.7             | 41.9             | 41.5             | 40.9             | 40.8             | 40.8             | 41.1             | 41.2             | 41.3             | 41.2             |
| 65,0°    | 49.9                         | 42.0             | 40.4             | 42.3             | 41.9             | 41.3             | 40.7             | 40.5             | 40.0             | 39.8             | 39.7             | 40.2             | 40.3             | 40.0             | 40.1             |
| 66,0°    | 46.0                         | 40.1             | 39.2             | 41.2             | 40.5             | 40.1             | 39.6             | 39.3             | 38.6             | 38.4             | 38.5             | 38.9             | 39.0             | 38.9             | 38.9             |
| 67,0°    | 41.6                         | 38.0             | 37.9             | 39.4             | 38.8             | 38.4             | 38.0             | 37.9             | 37.3             | 37.0             | 36.9             | 37.4             | 37.5             | 37.4             | 37.3             |
| 68,0°    | 37.9                         | 35.8             | 36.5             | 37.5             | 37.0             | 36.8             | 36.6             | 36.5             | 36.0             | 35.6             | 35.5             | 36.1             | 36.4             | 36.1             | 35.8             |
| 69,0°    | 35.2                         | 33.6             | 34.8             | 35.6             | 35.1             | 35.1             | 34.8             | 35.0             | 34.6             | 34.1             | 33.8             | 34.7             | 34.9             | 34.1             | 33.8             |
| 70,0°    | 32.7                         | 31.4             | 32.6             | 33.3             | 33.2             | 33.0             | 32.9             | 33.1             | 32.8             | 32.3             | 32.0             | 32.9             | 32.6             | 31.7             | 31.9             |
| 71,0°    | 29.9                         | 29.1             | 30.1             | 30.9             | 30.9             | 31.0             | 30.9             | 31.0             | 30.7             | 30.4             | 30.3             | 30.9             | 29.9             | 29.4             | 29.6             |
| 72,0°    | 27.3                         | 26.7             | 27.3             | 28.0             | 27.9             | 28.1             | 27.9             | 28.0             | 28.0             | 28.0             | 27.9             | 28.2             | 27.0             | 26.8             | 26.9             |

# Photometric test report

|   |  |                                      |
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| <b>Family</b><br><b>DL® 50 mini LED</b>         | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b> | <b>LP number</b><br><b>59074_153</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>    |
|   |  | <b>siteco</b>                        |

| 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°     | 251.2                        | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2            | 251.2  | 0.4                     | 0.4               |
| 2,5°     | 243.4                        | 243.3            | 243.0            | 242.8            | 242.8            | 242.5            | 242.5            | 242.4            | 242.1            | 242.4            | 242.1            | 242.1            | 242.3  | 3.0                     | 3.4               |
| 5,0°     | 238.6                        | 237.9            | 237.3            | 236.7            | 236.3            | 235.9            | 235.5            | 235.4            | 235.1            | 234.9            | 234.7            | 234.6            | 234.6  | 6.1                     | 9.5               |
| 7,5°     | 236.8                        | 235.3            | 233.8            | 232.5            | 231.2            | 230.3            | 229.3            | 228.5            | 227.9            | 227.3            | 227.0            | 226.7            | 226.7  | 9.4                     | 18.9              |
| 10,0°    | 232.2                        | 230.4            | 228.8            | 227.3            | 225.9            | 224.6            | 223.4            | 222.3            | 221.4            | 220.6            | 220.2            | 219.6            | 219.6  | 13.0                    | 31.9              |
| 12,5°    | 227.8                        | 224.2            | 220.1            | 216.8            | 213.4            | 210.6            | 208.1            | 205.7            | 204.1            | 202.3            | 201.7            | 200.6            | 200.8  | 16.8                    | 48.6              |
| 15,0°    | 209.6                        | 205.5            | 201.8            | 198.6            | 195.9            | 193.5            | 191.4            | 189.4            | 187.8            | 186.4            | 185.6            | 184.8            | 184.8  | 20.3                    | 68.9              |
| 17,5°    | 198.1                        | 194.4            | 191.2            | 188.2            | 185.6            | 183.4            | 181.3            | 179.2            | 177.5            | 175.9            | 175.0            | 174.2            | 174.2  | 23.4                    | 92.3              |
| 20,0°    | 190.5                        | 185.8            | 181.2            | 176.6            | 172.6            | 168.7            | 165.7            | 162.6            | 160.3            | 157.9            | 156.9            | 155.5            | 155.8  | 25.7                    | 118.0             |
| 22,5°    | 177.4                        | 170.9            | 165.2            | 160.0            | 155.7            | 151.9            | 149.1            | 146.6            | 144.7            | 142.8            | 141.8            | 141.0            | 141.0  | 27.6                    | 145.6             |
| 25,0°    | 166.7                        | 161.7            | 158.0            | 155.0            | 152.6            | 150.4            | 148.5            | 146.8            | 145.3            | 144.0            | 142.8            | 142.1            | 142.0  | 30.1                    | 175.8             |
| 27,5°    | 170.6                        | 166.5            | 162.1            | 157.8            | 153.9            | 150.5            | 147.4            | 144.7            | 142.6            | 140.7            | 139.1            | 138.1            | 137.9  | 33.4                    | 209.2             |
| 30,0°    | 171.2                        | 166.2            | 160.0            | 153.7            | 148.2            | 142.8            | 137.9            | 132.9            | 129.2            | 125.8            | 123.8            | 122.1            | 122.1  | 37.0                    | 246.2             |
| 32,5°    | 159.3                        | 154.0            | 146.2            | 137.1            | 130.5            | 124.6            | 120.6            | 116.8            | 114.3            | 111.8            | 110.6            | 109.2            | 109.4  | 40.6                    | 286.8             |
| 35,0°    | 134.1                        | 133.4            | 129.8            | 123.6            | 117.5            | 112.4            | 108.5            | 105.3            | 102.6            | 100.6            | 99.2             | 98.3             | 98.2   | 44.2                    | 330.9             |
| 37,5°    | 113.3                        | 115.3            | 114.5            | 110.5            | 105.4            | 100.4            | 96.7             | 93.4             | 91.0             | 89.0             | 87.8             | 86.8             | 86.8   | 47.1                    | 378.0             |
| 40,0°    | 94.4                         | 96.6             | 97.6             | 94.4             | 90.9             | 85.9             | 83.0             | 79.7             | 78.3             | 76.2             | 75.9             | 74.7             | 75.2   | 48.5                    | 426.5             |
| 42,5°    | 77.4                         | 79.8             | 79.8             | 77.7             | 74.6             | 71.2             | 68.7             | 66.9             | 65.9             | 65.0             | 64.6             | 64.4             | 64.5   | 48.6                    | 475.1             |
| 45,0°    | 65.0                         | 66.5             | 66.1             | 64.0             | 61.6             | 59.9             | 59.1             | 58.9             | 59.3             | 59.6             | 60.0             | 60.3             | 60.5   | 33.2                    | 508.4             |
| 46,0°    | 61.4                         | 62.3             | 61.8             | 60.0             | 58.7             | 58.0             | 57.7             | 57.7             | 58.2             | 58.7             | 59.2             | 59.6             | 59.8   | 18.9                    | 527.3             |
| 47,0°    | 59.0                         | 59.5             | 58.9             | 58.1             | 57.5             | 56.9             | 56.6             | 56.6             | 57.2             | 57.8             | 58.5             | 59.0             | 59.3   | 18.7                    | 546.0             |
| 48,0°    | 57.2                         | 57.3             | 57.3             | 56.9             | 56.4             | 55.7             | 55.6             | 55.6             | 56.3             | 56.9             | 57.7             | 58.2             | 58.7   | 18.5                    | 564.5             |
| 49,0°    | 55.7                         | 56.0             | 56.3             | 55.9             | 55.3             | 54.8             | 54.7             | 54.7             | 55.3             | 56.0             | 56.9             | 57.5             | 57.9   | 18.2                    | 582.7             |
| 50,0°    | 54.5                         | 55.0             | 55.5             | 55.2             | 54.6             | 53.9             | 53.7             | 53.7             | 54.4             | 55.1             | 55.9             | 56.6             | 57.0   | 18.0                    | 600.7             |
| 51,0°    | 53.4                         | 53.8             | 54.5             | 54.5             | 53.9             | 53.0             | 52.7             | 52.7             | 53.2             | 54.0             | 54.8             | 55.5             | 55.8   | 17.7                    | 618.4             |
| 52,0°    | 52.5                         | 52.7             | 53.3             | 53.8             | 53.3             | 52.4             | 51.8             | 51.6             | 52.0             | 52.7             | 53.4             | 54.1             | 54.4   | 17.5                    | 635.9             |
| 53,0°    | 51.5                         | 51.7             | 52.1             | 52.5             | 52.6             | 51.7             | 50.9             | 50.5             | 50.7             | 51.2             | 52.0             | 52.6             | 52.9   | 17.2                    | 653.1             |
| 54,0°    | 50.5                         | 50.5             | 51.0             | 51.0             | 51.1             | 50.8             | 50.1             | 49.5             | 49.4             | 49.8             | 50.5             | 51.0             | 51.3   | 17.0                    | 670.1             |
| 55,0°    | 49.6                         | 49.5             | 50.0             | 50.0             | 49.9             | 49.6             | 49.4             | 48.9             | 48.3             | 48.4             | 49.1             | 49.6             | 49.9   | 16.8                    | 686.8             |
| 56,0°    | 48.8                         | 48.5             | 48.9             | 48.9             | 48.6             | 48.1             | 48.3             | 47.8             | 47.3             | 47.0             | 47.8             | 48.1             | 48.5   | 16.5                    | 703.4             |
| 57,0°    | 47.9                         | 47.6             | 47.7             | 47.8             | 47.5             | 46.9             | 46.6             | 46.5             | 46.0             | 45.6             | 46.5             | 46.9             | 46.9   | 16.3                    | 719.7             |
| 58,0°    | 47.0                         | 46.5             | 46.5             | 46.6             | 46.6             | 45.9             | 45.3             | 44.9             | 44.5             | 44.3             | 45.2             | 45.7             | 45.5   | 16.1                    | 735.8             |
| 59,0°    | 46.1                         | 45.2             | 45.2             | 45.4             | 45.5             | 44.8             | 44.1             | 43.5             | 43.0             | 42.9             | 44.1             | 44.7             | 44.0   | 15.9                    | 751.7             |
| 60,0°    | 45.1                         | 44.1             | 44.1             | 44.2             | 44.3             | 43.8             | 43.2             | 42.4             | 41.8             | 42.0             | 43.7             | 43.9             | 42.9   | 15.6                    | 767.3             |
| 61,0°    | 44.1                         | 43.2             | 42.8             | 43.2             | 43.1             | 42.8             | 42.2             | 41.3             | 40.6             | 40.7             | 42.0             | 42.3             | 41.7   | 15.4                    | 782.7             |
| 62,0°    | 43.0                         | 42.2             | 41.7             | 41.8             | 42.0             | 41.5             | 41.1             | 40.3             | 39.3             | 39.0             | 39.9             | 40.2             | 40.1   | 15.2                    | 797.9             |
| 63,0°    | 42.1                         | 41.3             | 40.8             | 40.6             | 40.8             | 40.2             | 39.8             | 39.1             | 38.0             | 37.5             | 38.0             | 38.3             | 38.4   | 15.0                    | 812.9             |
| 64,0°    | 41.1                         | 40.4             | 39.9             | 39.5             | 39.6             | 38.7             | 38.3             | 37.4             | 36.7             | 35.6             | 36.2             | 36.2             | 36.7   | 14.7                    | 827.5             |
| 65,0°    | 40.2                         | 39.9             | 39.3             | 38.8             | 38.4             | 37.1             | 36.4             | 35.6             | 34.6             | 33.3             | 33.6             | 33.7             | 34.2   | 14.4                    | 841.9             |
| 66,0°    | 39.5                         | 39.2             | 38.9             | 38.4             | 36.8             | 34.7             | 34.0             | 33.0             | 32.0             | 31.0             | 31.1             | 31.2             | 31.9   | 14.1                    | 856.1             |
| 67,0°    | 38.3                         | 38.5             | 38.3             | 37.0             | 33.9             | 31.7             | 31.2             | 30.4             | 29.7             | 28.3             | 28.5             | 28.6             | 29.2   | 14.0                    | 870.0             |
| 68,0°    | 36.5                         | 37.3             | 37.8             | 34.5             | 31.1             | 28.9             | 28.7             | 27.6             | 27.1             | 25.5             | 25.8             | 25.7             | 26.3   | 13.9                    | 883.9             |
| 69,0°    | 34.9                         | 35.9             | 35.7             | 30.9             | 27.9             | 25.4             | 25.4             | 24.7             | 24.6             | 23.4             | 23.6             | 22.9             | 23.8   | 13.9                    | 897.8             |
| 70,0°    | 33.0                         | 34.2             | 32.2             | 27.4             | 24.6             | 22.9             | 22.4             | 22.2             | 22.3             | 21.5             | 21.0             | 20.3             | 20.8   | 13.8                    | 911.6             |
| 71,0°    | 30.6                         | 31.8             | 28.3             | 23.8             | 22.1             | 20.0             | 19.4             | 19.4             | 20.0             | 19.5             | 18.3             | 17.5             | 17.6   | 13.6                    | 925.1             |
| 72,0°    | 28.0                         | 27.2             | 24.1             | 20.1             | 18.6             | 17.2             | 16.4             | 16.3             | 17.3             | 16.1             | 15.3             | 14.7             | 15.0   | 13.2                    | 938.3             |

## Photometric test report

|   |  |                                      |
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| <b>Family</b><br><b>DL® 50 mini LED</b> | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b> | <b>LP number</b><br><b>59074_153</b> |
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### Table of values for luminous intensities Maximum luminous intensity

| 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 |                |                |                |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 73,0°    | 314.2                        | 327.1          | 363.0          | 397.4          | 422.7           | 442.9           | 443.9           | 424.6           | 388.6           | 334.2           | 283.3           | 254.4           | 265.4           | 296.9           | 310.4           |
| 74,0°    | 302.3                        | 315.4          | 351.4          | 383.4          | 407.0           | 421.3           | 422.6           | 404.3           | 368.4           | 319.2           | 278.5           | 252.6           | 254.3           | 276.8           | 278.8           |
| 75,0°    | 271.9                        | 282.4          | 317.5          | 348.3          | 373.3           | 382.5           | 388.8           | 372.7           | 343.4           | 304.4           | 279.4           | 261.8           | 262.3           | 267.5           | 251.6           |
| 76,0°    | 203.4                        | 205.7          | 235.6          | 259.9          | 289.7           | 298.9           | 320.0           | 312.0           | 301.5           | 279.0           | 270.4           | 271.0           | 278.1           | 258.7           | 216.4           |
| 77,0°    | 127.7                        | 125.1          | 141.5          | 158.4          | 183.6           | 190.1           | 209.0           | 211.9           | 225.2           | 227.5           | 246.7           | 272.1           | 287.2           | 232.7           | 167.6           |
| 78,0°    | 69.4                         | 62.5           | 74.1           | 81.0           | 106.1           | 107.6           | 125.5           | 119.8           | 140.1           | 148.2           | 182.4           | 203.3           | 237.4           | 175.8           | 116.2           |
| 79,0°    | 29.2                         | 27.1           | 30.4           | 36.2           | 50.1            | 55.6            | 64.6            | 67.3            | 83.0            | 101.9           | 127.0           | 132.3           | 111.3           | 97.4            | 67.9            |
| 80,0°    | 12.8                         | 12.6           | 14.0           | 17.5           | 21.8            | 23.3            | 28.0            | 29.0            | 41.4            | 56.8            | 84.5            | 75.6            | 49.9            | 39.4            | 30.6            |
| 81,0°    | 7.7                          | 8.0            | 8.9            | 10.4           | 11.7            | 11.5            | 12.4            | 12.0            | 15.1            | 20.5            | 28.7            | 25.3            | 16.6            | 15.8            | 13.4            |
| 82,0°    | 5.8                          | 6.0            | 6.6            | 7.2            | 7.9             | 7.5             | 7.7             | 7.8             | 8.6             | 10.6            | 14.3            | 13.0            | 9.1             | 8.3             | 8.1             |
| 83,0°    | 4.4                          | 4.5            | 4.9            | 5.1            | 5.5             | 5.4             | 5.4             | 5.6             | 5.8             | 6.4             | 8.8             | 9.1             | 7.0             | 5.9             | 5.9             |
| 84,0°    | 3.1                          | 3.1            | 3.3            | 3.3            | 3.5             | 3.5             | 3.6             | 3.6             | 3.8             | 3.9             | 4.6             | 4.7             | 4.4             | 4.2             | 4.3             |
| 85,0°    | 2.4                          | 2.3            | 2.3            | 2.3            | 2.4             | 2.3             | 2.5             | 2.5             | 2.6             | 2.6             | 2.8             | 2.8             | 2.9             | 2.8             | 3.0             |
| 86,0°    | 1.8                          | 1.8            | 1.8            | 1.7            | 1.8             | 1.7             | 1.8             | 1.6             | 1.7             | 1.6             | 1.8             | 1.8             | 1.9             | 1.8             | 2.0             |
| 87,0°    | 1.4                          | 1.4            | 1.4            | 1.3            | 1.3             | 1.3             | 1.2             | 1.2             | 1.2             | 1.2             | 1.2             | 1.1             | 1.1             | 1.2             | 1.2             |
| 88,0°    | 1.1                          | 1.1            | 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             |
| 89,0°    | 1.0                          | 1.0            | 1.0            | 0.9            | 0.9             | 0.9             | 0.9             | 0.8             | 0.8             | 0.7             | 0.8             | 0.7             | 0.7             | 0.7             | 0.6             |
| 90,0°    | 0.0                          | 0.0            | 0.0            | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |



## Photometric test report

|   |  |                                      |
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| <b>Family</b><br><b>DL® 50 mini LED</b> | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b> | <b>LP number</b><br><b>59074_153</b> |
|   |  | <b>siteco</b>                        |

| C-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 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <b>73,0°</b> | 308.3                        | 289.8           | 248.1           | 201.6           | 148.8           | 101.1           | 66.6            | 46.0            | 32.7            | 28.1            | 26.8            | 25.7            | 25.0            | 24.3            | 22.6            |
| <b>74,0°</b> | 264.8                        | 245.1           | 208.3           | 168.0           | 120.8           | 81.4            | 53.7            | 38.2            | 29.2            | 25.7            | 24.6            | 23.7            | 23.1            | 22.3            | 20.7            |
| <b>75,0°</b> | 221.4                        | 197.5           | 168.0           | 137.9           | 96.7            | 64.3            | 42.4            | 32.1            | 26.6            | 23.9            | 22.7            | 22.1            | 21.1            | 20.4            | 18.8            |
| <b>76,0°</b> | 170.0                        | 141.6           | 116.1           | 96.9            | 66.0            | 46.5            | 33.7            | 27.6            | 23.9            | 22.0            | 20.8            | 20.3            | 18.8            | 18.0            | 16.6            |
| <b>77,0°</b> | 115.1                        | 88.3            | 66.5            | 54.7            | 37.9            | 29.4            | 24.9            | 23.6            | 21.5            | 19.9            | 18.7            | 18.0            | 16.1            | 15.0            | 13.9            |
| <b>78,0°</b> | 76.5                         | 58.2            | 42.9            | 33.1            | 24.2            | 20.5            | 19.2            | 19.7            | 18.8            | 17.7            | 16.6            | 16.0            | 13.8            | 12.5            | 11.6            |
| <b>79,0°</b> | 51.1                         | 41.7            | 30.0            | 23.4            | 18.1            | 15.9            | 14.7            | 15.6            | 15.2            | 15.4            | 14.3            | 13.4            | 11.4            | 10.3            | 9.3             |
| <b>80,0°</b> | 27.2                         | 25.0            | 20.1            | 16.4            | 13.4            | 11.9            | 11.1            | 11.4            | 11.9            | 13.0            | 12.3            | 11.1            | 9.1             | 8.2             | 7.6             |
| <b>81,0°</b> | 11.7                         | 12.0            | 11.9            | 11.4            | 9.8             | 9.0             | 8.5             | 8.7             | 9.5             | 10.7            | 10.3            | 9.2             | 7.2             | 6.5             | 6.0             |
| <b>82,0°</b> | 7.4                          | 7.2             | 7.5             | 7.3             | 6.8             | 6.7             | 6.6             | 6.8             | 7.5             | 8.7             | 8.4             | 7.3             | 5.7             | 5.0             | 4.6             |
| <b>83,0°</b> | 5.7                          | 5.7             | 5.8             | 5.1             | 4.8             | 4.9             | 4.8             | 5.2             | 5.6             | 6.5             | 6.1             | 5.3             | 4.3             | 3.8             | 3.5             |
| <b>84,0°</b> | 4.3                          | 4.5             | 4.4             | 3.8             | 3.4             | 3.3             | 3.3             | 3.6             | 3.8             | 4.5             | 4.3             | 3.9             | 3.2             | 2.9             | 2.7             |
| <b>85,0°</b> | 3.1                          | 3.3             | 3.2             | 2.8             | 2.4             | 2.3             | 2.2             | 2.2             | 2.3             | 2.8             | 2.6             | 2.5             | 2.1             | 2.1             | 1.9             |
| <b>86,0°</b> | 2.0                          | 2.2             | 2.1             | 2.0             | 1.7             | 1.7             | 1.5             | 1.5             | 1.4             | 1.5             | 1.4             | 1.5             | 1.4             | 1.4             | 1.3             |
| <b>87,0°</b> | 1.2                          | 1.4             | 1.3             | 1.3             | 1.1             | 1.1             | 1.0             | 1.0             | 0.9             | 1.0             | 0.9             | 1.0             | 0.9             | 0.9             | 0.9             |
| <b>88,0°</b> | 0.8                          | 0.8             | 0.8             | 0.8             | 0.7             | 0.7             | 0.7             | 0.7             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             |
| <b>89,0°</b> | 0.6                          | 0.6             | 0.6             | 0.6             | 0.6             | 0.5             | 0.5             | 0.5             | 0.5             | 0.5             | 0.4             | 0.4             | 0.5             | 0.4             | 0.4             |
| <b>90,0°</b> | 0.0                          | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |

**Photometric test report**

|   |  |                                      |
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| <b>Family</b><br><b>DL® 50 mini LED</b> | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b> | <b>LP number</b><br><b>59074_153</b> |
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**siteco**

| C-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 |                 |                 |                |                |                |       |                  |                  |                  |                  |                  |                  |                  |                  |
| <b>73,0°</b> | 21.3                         | 20.0            | 19.0            | 18.2           | 17.6           | 17.4           | 17.7  | 313.3            | 276.8            | 182.6            | 96.1             | 62.4             | 48.6             | 36.4             | 28.9             |
| <b>74,0°</b> | 19.7                         | 18.1            | 17.0            | 16.2           | 15.6           | 15.3           | 15.5  | 298.9            | 258.9            | 160.8            | 84.5             | 62.2             | 47.9             | 34.5             | 26.9             |
| <b>75,0°</b> | 18.1                         | 16.5            | 15.3            | 14.4           | 13.8           | 13.6           | 13.6  | 264.0            | 223.5            | 129.7            | 69.4             | 55.9             | 45.5             | 31.7             | 24.5             |
| <b>76,0°</b> | 16.3                         | 14.7            | 13.7            | 12.7           | 12.1           | 11.7           | 11.8  | 192.6            | 158.3            | 84.1             | 46.3             | 41.8             | 38.2             | 28.2             | 21.4             |
| <b>77,0°</b> | 14.0                         | 12.6            | 11.8            | 10.9           | 10.4           | 9.8            | 9.9   | 119.2            | 94.7             | 47.7             | 27.5             | 30.6             | 30.2             | 25.2             | 18.9             |
| <b>78,0°</b> | 12.0                         | 10.8            | 10.1            | 9.4            | 8.8            | 8.3            | 8.4   | 60.8             | 51.0             | 28.7             | 23.6             | 31.7             | 31.7             | 27.0             | 18.5             |
| <b>79,0°</b> | 9.9                          | 8.8             | 8.6             | 7.8            | 7.4            | 6.8            | 6.9   | 26.2             | 24.1             | 20.1             | 24.0             | 34.5             | 38.1             | 31.6             | 19.5             |
| <b>80,0°</b> | 7.8                          | 7.1             | 6.8             | 6.2            | 5.7            | 5.4            | 5.4   | 11.7             | 11.9             | 13.1             | 17.9             | 27.0             | 35.6             | 31.7             | 18.8             |
| <b>81,0°</b> | 6.3                          | 5.7             | 5.4             | 4.9            | 4.6            | 4.3            | 4.3   | 7.2              | 7.1              | 7.6              | 9.6              | 14.8             | 24.3             | 24.2             | 14.8             |
| <b>82,0°</b> | 4.8                          | 4.3             | 4.1             | 3.9            | 3.7            | 3.5            | 3.5   | 5.5              | 5.5              | 5.5              | 6.1              | 7.9              | 14.2             | 14.8             | 9.6              |
| <b>83,0°</b> | 3.5                          | 3.2             | 3.1             | 3.1            | 2.9            | 2.8            | 2.8   | 4.2              | 4.2              | 4.2              | 4.5              | 4.9              | 6.9              | 7.1              | 5.4              |
| <b>84,0°</b> | 2.6                          | 2.5             | 2.3             | 2.3            | 2.3            | 2.2            | 2.2   | 3.1              | 3.2              | 3.2              | 3.3              | 3.4              | 3.6              | 3.5              | 3.2              |
| <b>85,0°</b> | 1.9                          | 1.7             | 1.7             | 1.6            | 1.6            | 1.5            | 1.6   | 2.3              | 2.4              | 2.4              | 2.5              | 2.4              | 2.4              | 2.3              | 2.3              |
| <b>86,0°</b> | 1.3                          | 1.2             | 1.1             | 1.1            | 1.1            | 1.1            | 1.1   | 1.8              | 1.9              | 1.8              | 1.9              | 1.8              | 1.9              | 1.7              | 1.8              |
| <b>87,0°</b> | 0.9                          | 0.8             | 0.8             | 0.7            | 0.7            | 0.7            | 0.8   | 1.4              | 1.5              | 1.4              | 1.5              | 1.5              | 1.4              | 1.4              | 1.4              |
| <b>88,0°</b> | 0.5                          | 0.5             | 0.5             | 0.5            | 0.5            | 0.5            | 0.5   | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              |
| <b>89,0°</b> | 0.4                          | 0.4             | 0.4             | 0.3            | 0.3            | 0.3            | 0.4   | 1.0              | 1.0              | 1.0              | 1.0              | 1.0              | 1.0              | 1.0              | 1.0              |
| <b>90,0°</b> | 0.0                          | 0.0             | 0.0             | 0.0            | 0.0            | 0.0            | 0.0   | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              |

## Photometric test report

|   |  |                                      |
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| <b>Family</b><br><b>DL® 50 mini LED</b> | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b> | <b>LP number</b><br><b>59074_153</b> |
|   |  | <b>siteco</b>                        |

| C-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 |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 73,0°    | 24.9                         | 24.3             | 24.5             | 25.3             | 25.5             | 25.7             | 25.5             | 25.6             | 25.6             | 25.7             | 25.5             | 25.3             | 24.2             | 24.2             | 24.3             |
| 74,0°    | 22.7                         | 21.8             | 22.0             | 23.1             | 23.1             | 23.3             | 23.3             | 23.1             | 23.0             | 23.0             | 22.3             | 21.8             | 21.3             | 22.1             | 22.2             |
| 75,0°    | 20.1                         | 19.3             | 19.5             | 20.0             | 20.1             | 20.7             | 20.5             | 20.1             | 19.5             | 19.2             | 18.5             | 18.6             | 18.7             | 19.6             | 20.1             |
| 76,0°    | 17.5                         | 16.8             | 17.0             | 17.6             | 17.7             | 18.1             | 17.8             | 17.2             | 16.6             | 16.1             | 16.0             | 16.1             | 16.1             | 16.5             | 17.1             |
| 77,0°    | 15.2                         | 14.8             | 14.8             | 15.1             | 14.9             | 15.8             | 14.9             | 14.7             | 13.6             | 13.6             | 13.1             | 13.4             | 12.7             | 13.5             | 13.5             |
| 78,0°    | 13.3                         | 13.0             | 12.8             | 12.6             | 12.4             | 13.0             | 12.1             | 11.6             | 11.1             | 10.9             | 10.7             | 10.7             | 10.4             | 10.5             | 10.3             |
| 79,0°    | 12.2                         | 11.5             | 11.0             | 10.5             | 10.6             | 10.6             | 9.8              | 9.6              | 9.0              | 8.8              | 8.6              | 8.6              | 8.3              | 8.5              | 8.1              |
| 80,0°    | 10.6                         | 9.9              | 9.3              | 8.2              | 8.3              | 8.6              | 8.1              | 7.7              | 7.2              | 6.8              | 6.6              | 6.5              | 6.1              | 6.1              | 6.0              |
| 81,0°    | 8.5                          | 8.0              | 7.5              | 6.6              | 6.6              | 6.8              | 6.6              | 6.2              | 5.6              | 5.3              | 5.0              | 4.8              | 4.6              | 4.6              | 4.5              |
| 82,0°    | 6.3                          | 6.0              | 5.6              | 5.1              | 5.1              | 5.3              | 5.1              | 4.9              | 4.4              | 4.1              | 3.7              | 3.6              | 3.3              | 3.2              | 3.2              |
| 83,0°    | 4.4                          | 4.3              | 4.0              | 3.8              | 3.7              | 3.8              | 3.8              | 3.5              | 3.1              | 2.9              | 2.7              | 2.6              | 2.4              | 2.4              | 2.2              |
| 84,0°    | 3.0                          | 3.0              | 2.8              | 2.7              | 2.7              | 2.8              | 2.7              | 2.5              | 2.2              | 2.1              | 2.0              | 2.0              | 1.8              | 1.7              | 1.6              |
| 85,0°    | 2.2                          | 2.2              | 2.0              | 2.0              | 1.8              | 1.9              | 1.7              | 1.8              | 1.5              | 1.5              | 1.3              | 1.3              | 1.2              | 1.1              | 0.9              |
| 86,0°    | 1.7                          | 1.7              | 1.6              | 1.4              | 1.4              | 1.3              | 1.2              | 1.2              | 1.1              | 1.0              | 0.9              | 0.9              | 0.8              | 0.8              | 0.7              |
| 87,0°    | 1.4                          | 1.3              | 1.3              | 1.2              | 1.2              | 1.1              | 1.1              | 1.0              | 0.9              | 0.9              | 0.8              | 0.7              | 0.7              | 0.7              | 0.6              |
| 88,0°    | 1.2                          | 1.1              | 1.1              | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.8              | 0.8              | 0.7              | 0.7              | 0.7              | 0.6              | 0.5              |
| 89,0°    | 1.0                          | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.7              | 0.7              | 0.7              | 0.6              | 0.6              | 0.5              |
| 90,0°    | 0.0                          | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              |

| 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 |                   |
| 73,0°    | 25.2                         | 23.7             | 20.7             | 17.3             | 15.7             | 14.3             | 13.6             | 13.2             | 13.9             | 12.2             | 11.9             | 11.5             | 12.0   | 12.5                    | 950.9             |
| 74,0°    | 22.7                         | 20.6             | 17.8             | 14.9             | 13.0             | 11.5             | 11.0             | 10.5             | 10.8             | 9.4              | 9.0              | 8.5              | 8.6    | 11.7                    | 962.5             |
| 75,0°    | 19.7                         | 17.1             | 15.0             | 13.1             | 11.1             | 9.5              | 9.0              | 8.4              | 8.6              | 7.4              | 7.0              | 6.4              | 6.5    | 10.6                    | 973.1             |
| 76,0°    | 16.2                         | 14.3             | 12.8             | 11.1             | 9.6              | 8.0              | 7.3              | 6.7              | 6.5              | 5.6              | 5.1              | 4.7              | 4.8    | 8.7                     | 981.9             |
| 77,0°    | 13.4                         | 11.9             | 10.7             | 9.0              | 7.7              | 6.2              | 6.0              | 5.0              | 4.6              | 3.7              | 3.4              | 2.9              | 3.1    | 6.4                     | 988.3             |
| 78,0°    | 10.5                         | 9.9              | 8.8              | 7.2              | 5.7              | 4.7              | 4.3              | 3.6              | 3.1              | 2.4              | 2.0              | 1.7              | 1.7    | 4.4                     | 992.7             |
| 79,0°    | 8.3                          | 7.6              | 6.9              | 5.6              | 4.5              | 3.8              | 3.4              | 2.7              | 2.2              | 1.6              | 1.2              | 1.0              | 1.0    | 2.8                     | 995.4             |
| 80,0°    | 6.2                          | 5.6              | 5.3              | 4.3              | 3.5              | 2.9              | 2.4              | 1.9              | 1.6              | 1.1              | 0.8              | 0.7              | 0.7    | 1.7                     | 997.1             |
| 81,0°    | 4.5                          | 4.1              | 4.0              | 3.2              | 2.6              | 2.2              | 1.9              | 1.5              | 1.2              | 0.9              | 0.7              | 0.5              | 0.5    | 0.9                     | 998.0             |
| 82,0°    | 3.2                          | 3.0              | 3.0              | 2.4              | 2.0              | 1.6              | 1.4              | 1.1              | 0.9              | 0.6              | 0.5              | 0.5              | 0.5    | 0.6                     | 998.6             |
| 83,0°    | 2.0                          | 2.1              | 2.2              | 1.7              | 1.4              | 1.2              | 1.0              | 0.8              | 0.6              | 0.5              | 0.5              | 0.4              | 0.4    | 0.4                     | 999.1             |
| 84,0°    | 1.5                          | 1.6              | 1.5              | 1.1              | 1.0              | 0.8              | 0.7              | 0.6              | 0.5              | 0.4              | 0.4              | 0.3              | 0.3    | 0.3                     | 999.4             |
| 85,0°    | 1.0                          | 1.0              | 1.0              | 0.7              | 0.7              | 0.5              | 0.5              | 0.4              | 0.4              | 0.3              | 0.3              | 0.3              | 0.3    | 0.2                     | 999.6             |
| 86,0°    | 0.6                          | 0.6              | 0.5              | 0.5              | 0.4              | 0.4              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3    | 0.1                     | 999.7             |
| 87,0°    | 0.5                          | 0.5              | 0.5              | 0.4              | 0.4              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.2              | 0.2    | 0.1                     | 999.8             |
| 88,0°    | 0.5                          | 0.5              | 0.4              | 0.4              | 0.4              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.2              | 0.2    | 0.1                     | 999.9             |
| 89,0°    | 0.5                          | 0.5              | 0.4              | 0.4              | 0.4              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.2    | 0.1                     | 1000.0            |
| 90,0°    | 0.0                          | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0    | 0.0                     | 1000.0            |

## Photometric test report

|                                  |  |                                      |
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| <b>Family</b><br>DL® 50 mini LED | <b>Order number: 5XA248B41F08NE</b><br><b>EAN: 4058352802373</b> | <b>LP number</b><br><b>59074_153</b> |
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|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <b>Dimming levels table</b> | environmental temperature: 25°C | <b>sITeco</b> |
|-----------------------------|---------------------------------|---------------|

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
|                 |                      |                           |                    | start of lifetime     | end of lifetime       | average               |
| 100             | 254                  | 254                       | 19390              | 115.8                 | 127.1                 | 121.4                 |
| 95              | 241                  | 252                       | 18398              | 108.5                 | 118.9                 | 113.7                 |
| 90              | 229                  | 250                       | 17482              | 102.0                 | 111.7                 | 106.8                 |
| 85              | 216                  | 248                       | 16489              | 95.2                  | 104.2                 | 99.7                  |
| 80              | 203                  | 246                       | 15497              | 88.5                  | 97.0                  | 92.8                  |
| 75              | 190                  | 243                       | 14504              | 82.1                  | 89.8                  | 85.9                  |
| 70              | 178                  | 241                       | 13588              | 76.3                  | 83.4                  | 79.8                  |
| 65              | 165                  | 238                       | 12596              | 70.2                  | 76.7                  | 73.4                  |
| 60              | 152                  | 235                       | 11603              | 64.1                  | 70.1                  | 67.1                  |
| 55              | 140                  | 232                       | 10687              | 58.8                  | 64.1                  | 61.4                  |
| 50              | 127                  | 229                       | 9695               | 53.0                  | 57.8                  | 55.4                  |
| 45              | 114                  | 225                       | 8703               | 47.3                  | 51.6                  | 49.4                  |
| 40              | 102                  | 221                       | 7787               | 42.0                  | 45.9                  | 44.0                  |
| 35              | 89                   | 216                       | 6794               | 36.5                  | 39.8                  | 38.2                  |
| 30              | 76                   | 210                       | 5802               | 31.1                  | 33.8                  | 32.4                  |
| 25              | 63                   | 203                       | 4809               | 25.8                  | 28.1                  | 27.0                  |
| 20              | 51                   | 195                       | 3893               | 21.1                  | 22.8                  | 22.0                  |
| 15              | 38                   | 184                       | 2901               | 16.1                  | 17.4                  | 16.8                  |
| 13              | 32                   | 178                       | 2443               | 13.8                  | 14.8                  | 14.3                  |