

Photometric test report

Family
Streetlight 31 midi

Order number: 5XH3D3BM08NA
EAN: 4069025096180

LP number
59078_367



| | |
|---------------------|---|
| Version | post-top or side-entry mounting, NEMA 7 pin (DALI) + Zhaga down |
| Optic | asymmetric, wide distribution (ST1.0a G) |
| Cover | toughened safety glass |
| Lamps | LED 3000 K CRI ≥ 70 |
| Controlgear | ECG SITECO - Smart Interface |
| Rated values | Net luminous flux = 22750 lm Power consumption = 149.5 W Luminous efficacy = 152.2 lm/W |

serial
documentation
10.04.2024

siteco

Luminous intensity in cd/klm

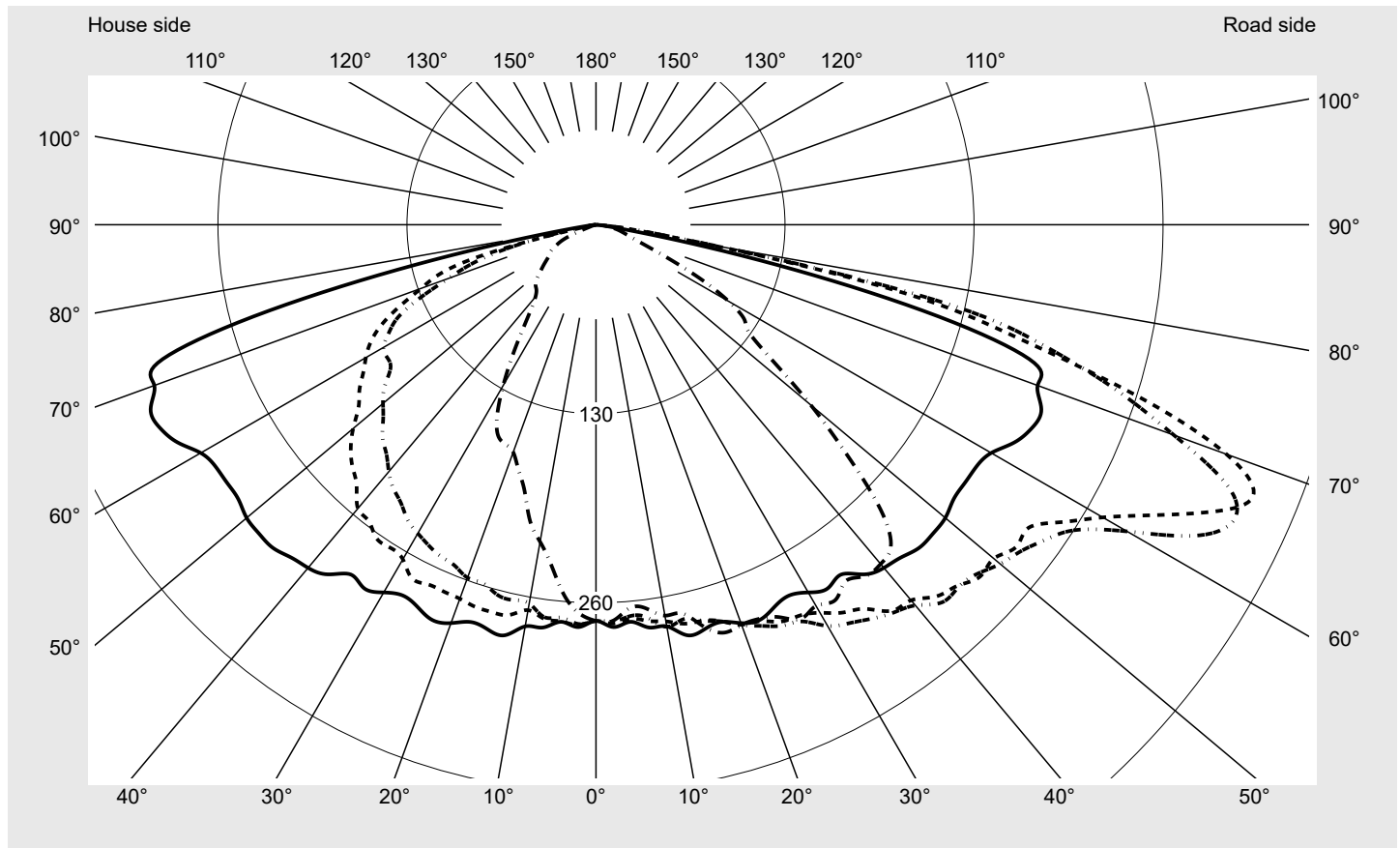
C180-0

C195-15

C200-20

C270-90

Imax: 489 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° | 461.5 |
| Imax 80° | 96.1 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

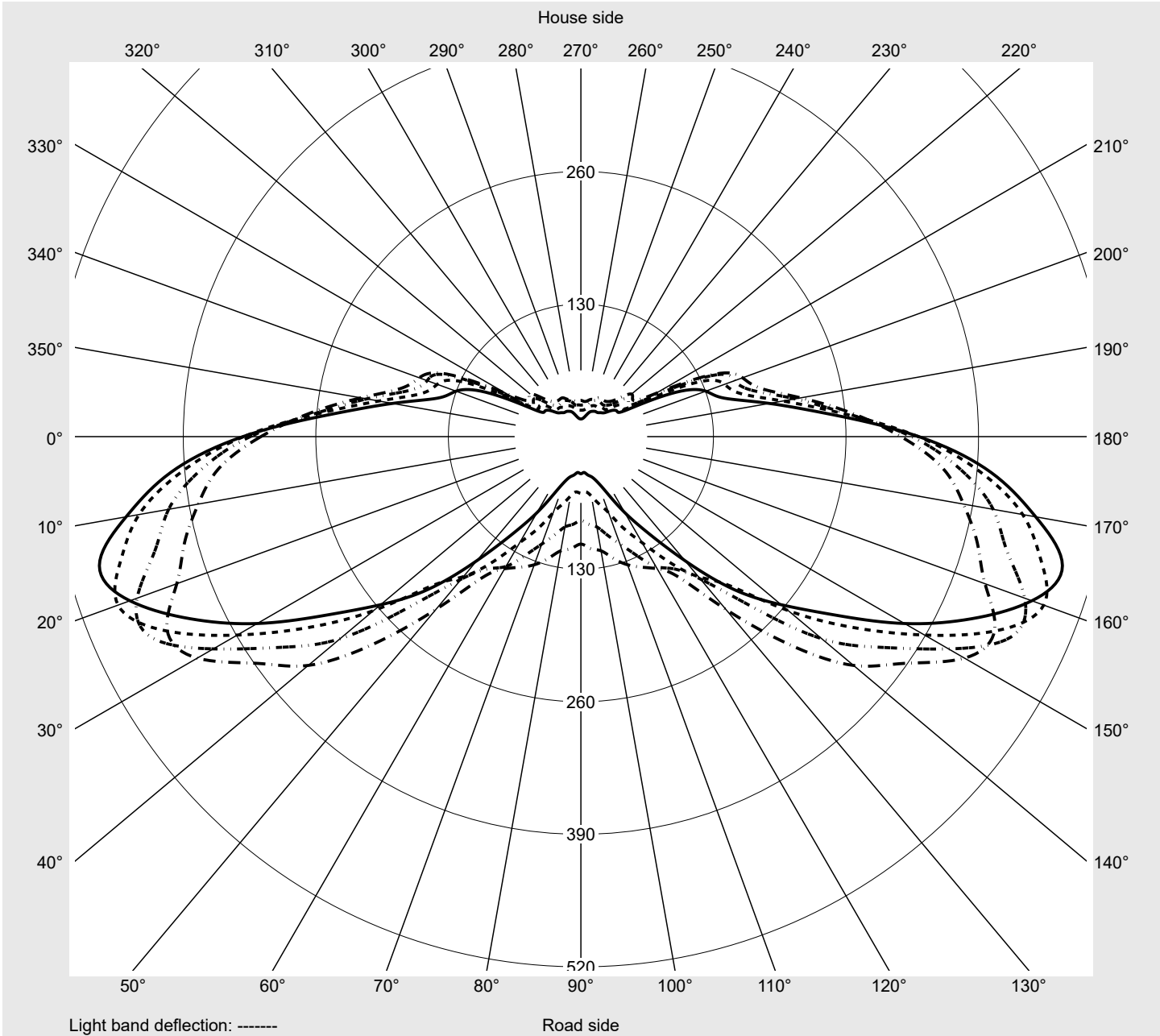
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

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| Family Streetlight 31 midi | Order number: 5XH3D3BM08NA EAN: 4069025096180 | LP number 59078_367 |
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Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **siteco**



Photometric test report

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| Family Streetlight 31 midi | Order number: 5XH3D3BM08NA EAN: 4069025096180 | LP number 59078_367 |
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Table of values for luminous intensities Maximum luminous intensity

| C-planes | 0° 180° | 5° 175° | 10° 170° | 15° 165° | 20° 160° | 25° 155° | 30° 150° | 35° 145° | 40° 140° | 45° 135° | 50° 130° | 55° 125° | 60° 120° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | |
| 0,0° | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 |
| 2,5° | 277.0 | 276.4 | 275.2 | 274.5 | 273.0 | 273.7 | 272.9 | 273.0 | 271.2 | 271.2 | 271.1 | 271.2 | 271.4 |
| 5,0° | 274.1 | 274.0 | 274.4 | 271.9 | 270.1 | 269.9 | 268.3 | 270.2 | 270.2 | 270.8 | 270.6 | 270.2 | 268.6 |
| 7,5° | 279.4 | 277.3 | 274.8 | 274.9 | 272.6 | 273.0 | 273.3 | 271.7 | 269.4 | 269.4 | 269.0 | 268.1 | 269.4 |
| 10,0° | 280.5 | 276.6 | 274.8 | 277.0 | 280.8 | 278.6 | 272.2 | 269.6 | 269.1 | 273.3 | 273.9 | 275.3 | 275.6 |
| 12,5° | 289.2 | 286.8 | 282.7 | 281.0 | 277.9 | 277.4 | 280.6 | 282.2 | 279.8 | 279.6 | 278.5 | 279.4 | 279.1 |
| 15,0° | 288.1 | 289.0 | 288.6 | 282.0 | 281.9 | 284.6 | 284.1 | 287.9 | 291.2 | 290.4 | 290.4 | 287.4 | 286.6 |
| 17,5° | 286.5 | 287.8 | 285.5 | 285.9 | 286.0 | 290.2 | 291.3 | 295.8 | 292.3 | 291.9 | 293.7 | 291.6 | 289.1 |
| 20,0° | 291.5 | 292.4 | 288.6 | 292.7 | 293.0 | 298.5 | 297.4 | 298.5 | 297.9 | 297.2 | 297.4 | 296.1 | 295.5 |
| 22,5° | 294.2 | 287.4 | 289.6 | 295.1 | 298.6 | 301.7 | 301.5 | 304.4 | 301.6 | 303.0 | 304.1 | 302.2 | 302.9 |
| 25,0° | 290.1 | 291.1 | 297.6 | 301.1 | 304.1 | 306.9 | 304.1 | 310.9 | 311.8 | 314.8 | 310.7 | 306.6 | 305.0 |
| 27,5° | 287.5 | 292.3 | 300.5 | 303.1 | 307.5 | 314.6 | 310.4 | 317.0 | 314.8 | 313.0 | 306.9 | 305.5 | 309.4 |
| 30,0° | 292.0 | 294.2 | 306.8 | 308.2 | 318.6 | 321.3 | 321.7 | 325.9 | 317.9 | 312.7 | 313.6 | 314.2 | 314.2 |
| 32,5° | 296.6 | 303.4 | 310.5 | 316.2 | 324.8 | 328.0 | 325.1 | 324.3 | 321.7 | 320.6 | 319.3 | 318.8 | 318.9 |
| 35,0° | 293.7 | 307.9 | 314.0 | 322.5 | 330.7 | 330.2 | 333.2 | 331.9 | 324.2 | 323.3 | 323.9 | 327.2 | 329.1 |
| 37,5° | 303.1 | 313.9 | 324.1 | 334.6 | 336.2 | 339.9 | 336.6 | 332.6 | 330.2 | 336.0 | 331.7 | 335.5 | 336.0 |
| 40,0° | 308.1 | 323.2 | 333.3 | 337.1 | 341.8 | 344.1 | 345.3 | 335.2 | 345.8 | 340.1 | 337.1 | 341.4 | 336.8 |
| 42,5° | 310.4 | 331.9 | 338.8 | 346.6 | 352.2 | 343.4 | 360.7 | 346.8 | 357.8 | 348.2 | 345.1 | 344.2 | 337.4 |
| 45,0° | 314.3 | 336.1 | 345.1 | 351.3 | 352.5 | 350.5 | 355.5 | 355.4 | 363.9 | 365.9 | 352.7 | 349.6 | 341.3 |
| 47,5° | 314.4 | 339.7 | 350.1 | 358.2 | 355.5 | 358.5 | 354.9 | 364.8 | 369.6 | 371.3 | 360.1 | 351.7 | 330.9 |
| 50,0° | 313.6 | 338.4 | 355.7 | 357.1 | 362.9 | 365.7 | 359.9 | 376.6 | 390.1 | 379.0 | 360.1 | 337.0 | 305.4 |
| 52,5° | 310.1 | 339.8 | 351.2 | 364.1 | 368.6 | 376.4 | 380.3 | 400.7 | 411.0 | 378.8 | 346.4 | 308.8 | 268.0 |
| 55,0° | 309.7 | 336.3 | 357.1 | 363.3 | 377.6 | 395.3 | 407.2 | 415.4 | 395.9 | 359.4 | 318.0 | 267.3 | 223.8 |
| 57,5° | 310.0 | 338.2 | 361.6 | 380.5 | 390.8 | 408.7 | 436.4 | 415.4 | 373.0 | 331.3 | 278.8 | 218.4 | 176.1 |
| 60,0° | 313.9 | 356.4 | 381.1 | 402.5 | 421.8 | 447.8 | 434.4 | 387.7 | 349.1 | 287.7 | 221.2 | 169.0 | 149.6 |
| 62,5° | 324.3 | 374.3 | 410.6 | 432.6 | 463.2 | 465.3 | 416.3 | 360.4 | 308.4 | 234.2 | 182.3 | 158.2 | 147.0 |
| 65,0° | 330.8 | 392.8 | 440.0 | 467.1 | 483.1 | 450.2 | 389.2 | 326.5 | 265.4 | 207.0 | 179.3 | 149.5 | 120.1 |
| 67,5° | 331.5 | 403.9 | 453.0 | 489.0 | 470.7 | 422.7 | 366.6 | 305.3 | 256.5 | 211.8 | 158.8 | 115.9 | 86.0 |
| 70,0° | 323.2 | 394.9 | 447.7 | 461.5 | 422.9 | 385.2 | 351.0 | 344.3 | 283.9 | 188.9 | 118.3 | 74.2 | 48.5 |
| 72,5° | 316.1 | 359.3 | 401.7 | 388.4 | 373.1 | 363.3 | 394.6 | 409.8 | 286.0 | 144.6 | 69.3 | 39.5 | 28.1 |
| 75,0° | 244.1 | 257.5 | 289.2 | 299.7 | 316.8 | 366.8 | 438.0 | 374.9 | 196.5 | 72.3 | 32.2 | 23.3 | 21.1 |
| 77,5° | 127.1 | 147.2 | 181.9 | 217.4 | 238.2 | 288.7 | 316.5 | 219.1 | 70.5 | 28.0 | 20.6 | 17.9 | 17.0 |
| 80,0° | 33.5 | 53.0 | 71.3 | 80.0 | 84.1 | 96.1 | 90.3 | 66.5 | 20.1 | 17.3 | 16.8 | 12.6 | 12.6 |
| 82,5° | 6.2 | 9.7 | 17.5 | 24.9 | 29.9 | 37.4 | 35.4 | 17.1 | 10.8 | 10.9 | 11.3 | 8.2 | 8.1 |
| 85,0° | 1.2 | 1.4 | 2.0 | 2.7 | 3.3 | 4.8 | 5.6 | 4.1 | 4.1 | 4.6 | 5.2 | 4.0 | 3.9 |
| 87,5° | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.7 | 0.9 | 1.0 | 1.1 | 1.2 | 1.5 | 1.2 | 1.2 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|---|--|-----------------------------------|
| Family Streetlight 31 midi | Order number: 5XH3D3BM08NA EAN: 4069025096180 | LP number 59078_367 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 65° 115° | 70° 110° | 75° 105° | 80° 100° | 85° 95° | 90° | 185° 355° | 190° 350° | 195° 345° | 200° 340° | 205° 335° | 210° 330° | 215° 325° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | |
| 0,0° | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 |
| 2,5° | 271.5 | 272.2 | 271.7 | 270.4 | 271.3 | 272.5 | 277.7 | 275.7 | 275.6 | 274.8 | 274.5 | 271.8 | 269.8 |
| 5,0° | 268.1 | 267.6 | 267.2 | 266.5 | 266.4 | 264.7 | 276.0 | 275.8 | 273.8 | 271.3 | 270.7 | 265.9 | 261.6 |
| 7,5° | 270.3 | 271.6 | 268.7 | 269.2 | 266.8 | 266.3 | 278.8 | 275.9 | 273.3 | 272.2 | 266.5 | 262.4 | 258.5 |
| 10,0° | 279.4 | 277.9 | 273.7 | 272.9 | 271.2 | 273.0 | 280.7 | 276.5 | 269.2 | 264.4 | 259.9 | 255.3 | 249.5 |
| 12,5° | 278.6 | 280.8 | 279.4 | 279.3 | 278.5 | 273.8 | 288.2 | 284.0 | 274.9 | 264.3 | 256.9 | 253.0 | 246.5 |
| 15,0° | 285.1 | 284.0 | 283.9 | 287.7 | 288.0 | 286.1 | 289.0 | 286.8 | 275.9 | 263.3 | 253.3 | 246.3 | 239.9 |
| 17,5° | 290.0 | 288.1 | 290.0 | 288.8 | 291.7 | 294.1 | 287.2 | 284.3 | 275.6 | 258.5 | 253.6 | 241.8 | 228.9 |
| 20,0° | 293.4 | 292.3 | 296.4 | 290.0 | 290.0 | 292.8 | 293.7 | 285.3 | 273.7 | 258.3 | 246.8 | 237.9 | 222.9 |
| 22,5° | 298.9 | 295.2 | 298.5 | 293.0 | 293.5 | 293.4 | 291.1 | 289.6 | 273.2 | 253.8 | 240.0 | 225.4 | 215.1 |
| 25,0° | 303.5 | 300.9 | 298.5 | 297.3 | 296.1 | 297.7 | 289.2 | 283.4 | 273.0 | 251.9 | 234.0 | 219.6 | 206.1 |
| 27,5° | 304.9 | 305.2 | 302.5 | 301.1 | 299.3 | 305.5 | 291.3 | 285.0 | 274.1 | 248.8 | 231.4 | 212.9 | 194.9 |
| 30,0° | 312.7 | 305.3 | 305.5 | 302.9 | 307.6 | 302.7 | 288.7 | 284.3 | 265.7 | 245.1 | 225.0 | 207.3 | 188.4 |
| 32,5° | 319.2 | 313.3 | 310.5 | 312.2 | 306.2 | 306.2 | 283.1 | 279.6 | 263.4 | 240.9 | 219.4 | 196.1 | 184.6 |
| 35,0° | 323.5 | 319.3 | 312.4 | 309.8 | 305.1 | 299.3 | 286.6 | 274.8 | 263.2 | 233.8 | 209.8 | 191.2 | 183.1 |
| 37,5° | 329.9 | 320.0 | 318.1 | 311.8 | 303.1 | 304.5 | 285.3 | 273.8 | 256.8 | 228.8 | 203.4 | 183.6 | 178.0 |
| 40,0° | 326.8 | 319.2 | 316.0 | 314.5 | 307.7 | 304.6 | 283.4 | 268.2 | 254.7 | 221.7 | 195.2 | 181.8 | 177.4 |
| 42,5° | 328.9 | 324.7 | 313.0 | 313.8 | 302.9 | 300.2 | 281.7 | 262.2 | 243.7 | 213.5 | 188.7 | 181.1 | 170.7 |
| 45,0° | 329.9 | 314.5 | 297.4 | 287.6 | 275.9 | 276.6 | 282.8 | 256.2 | 236.6 | 207.6 | 182.1 | 178.0 | 160.5 |
| 47,5° | 308.8 | 280.5 | 261.8 | 246.2 | 234.1 | 234.1 | 281.8 | 246.6 | 228.8 | 198.6 | 177.3 | 171.6 | 143.5 |
| 50,0° | 269.9 | 239.9 | 221.1 | 206.5 | 191.4 | 192.8 | 272.7 | 241.8 | 218.0 | 191.2 | 173.4 | 161.4 | 125.2 |
| 52,5° | 227.6 | 201.2 | 180.4 | 164.6 | 155.8 | 152.3 | 269.6 | 232.4 | 205.8 | 183.3 | 167.5 | 141.2 | 105.0 |
| 55,0° | 184.5 | 161.5 | 142.3 | 135.6 | 131.5 | 128.0 | 268.2 | 229.8 | 198.7 | 172.6 | 162.6 | 121.1 | 89.1 |
| 57,5° | 150.6 | 141.1 | 134.8 | 129.7 | 120.0 | 120.9 | 267.6 | 224.3 | 189.9 | 170.2 | 151.9 | 105.1 | 75.3 |
| 60,0° | 141.3 | 133.7 | 123.7 | 113.7 | 110.2 | 105.4 | 266.2 | 219.0 | 182.8 | 168.7 | 145.2 | 84.3 | 62.4 |
| 62,5° | 128.2 | 112.1 | 99.9 | 90.0 | 86.2 | 82.4 | 261.4 | 213.3 | 174.7 | 160.5 | 141.7 | 72.1 | 56.8 |
| 65,0° | 99.2 | 79.4 | 68.2 | 59.3 | 54.4 | 55.5 | 258.5 | 201.1 | 162.6 | 150.0 | 126.5 | 62.8 | 50.1 |
| 67,5° | 61.3 | 47.3 | 40.9 | 38.1 | 35.3 | 36.4 | 247.6 | 187.6 | 145.7 | 130.3 | 103.1 | 53.3 | 43.3 |
| 70,0° | 35.3 | 31.8 | 30.3 | 27.9 | 27.8 | 26.8 | 240.7 | 174.2 | 128.1 | 108.1 | 85.0 | 47.0 | 35.7 |
| 72,5° | 25.9 | 25.3 | 24.5 | 22.6 | 23.1 | 21.7 | 230.1 | 158.9 | 112.6 | 89.8 | 64.6 | 36.7 | 31.7 |
| 75,0° | 20.7 | 20.5 | 19.8 | 18.7 | 18.3 | 18.0 | 194.3 | 130.2 | 78.9 | 63.6 | 43.0 | 28.7 | 26.2 |
| 77,5° | 16.6 | 16.2 | 15.3 | 14.6 | 14.3 | 14.6 | 118.7 | 58.0 | 20.8 | 29.3 | 25.7 | 17.5 | 17.8 |
| 80,0° | 11.9 | 12.1 | 11.0 | 10.7 | 10.4 | 10.4 | 32.3 | 9.7 | 6.1 | 12.2 | 12.9 | 9.1 | 9.1 |
| 82,5° | 8.0 | 7.6 | 7.6 | 7.4 | 6.9 | 6.2 | 5.0 | 2.7 | 2.9 | 3.9 | 4.1 | 3.0 | 1.6 |
| 85,0° | 3.7 | 4.1 | 4.1 | 3.7 | 3.3 | 3.0 | 1.2 | 1.0 | 1.0 | 0.7 | 0.6 | 0.5 | 0.2 |
| 87,5° | 1.1 | 1.3 | 1.2 | 1.1 | 1.0 | 1.0 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 220° 320° | 225° 315° | 230° 310° | 235° 305° | 240° 300° | 245° 295° | 250° 290° | 255° 285° | 260° 280° | 265° 275° | 270° | Phi-zone | Total Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-------------------------|-------------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | Luminous flux in lm/klm | |
| 0,0° | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 272.5 | 0.4 | 0.4 |
| 2,5° | 268.5 | 268.9 | 268.2 | 267.9 | 268.1 | 267.2 | 267.4 | 267.3 | 267.8 | 267.2 | 267.4 | 3.2 | 3.7 |
| 5,0° | 258.3 | 254.5 | 252.2 | 250.1 | 250.6 | 249.2 | 250.4 | 252.1 | 254.6 | 253.9 | 255.1 | 6.3 | 10.0 |
| 7,5° | 253.2 | 249.6 | 246.9 | 243.4 | 241.8 | 240.1 | 238.5 | 238.0 | 237.2 | 236.5 | 235.9 | 9.4 | 19.4 |
| 10,0° | 246.6 | 241.3 | 236.8 | 232.4 | 231.2 | 227.8 | 225.6 | 222.2 | 220.8 | 221.0 | 221.4 | 12.4 | 31.8 |
| 12,5° | 242.7 | 233.6 | 227.3 | 222.1 | 217.3 | 215.3 | 212.9 | 212.5 | 209.4 | 207.8 | 209.0 | 15.4 | 47.2 |
| 15,0° | 233.0 | 224.6 | 215.3 | 210.9 | 206.2 | 200.4 | 196.3 | 196.0 | 195.2 | 190.0 | 189.7 | 18.4 | 65.6 |
| 17,5° | 223.4 | 215.6 | 205.0 | 198.1 | 192.0 | 188.0 | 182.3 | 180.3 | 179.7 | 177.1 | 177.0 | 21.1 | 86.7 |
| 20,0° | 214.7 | 202.7 | 194.1 | 186.2 | 181.6 | 179.9 | 175.0 | 171.4 | 172.3 | 169.2 | 166.4 | 23.9 | 110.6 |
| 22,5° | 204.1 | 193.6 | 184.4 | 178.0 | 171.6 | 170.7 | 170.7 | 168.1 | 164.5 | 164.2 | 163.2 | 26.7 | 137.3 |
| 25,0° | 189.5 | 182.2 | 178.9 | 173.9 | 167.7 | 164.7 | 164.2 | 162.4 | 163.3 | 162.0 | 159.6 | 29.4 | 166.7 |
| 27,5° | 186.1 | 181.6 | 171.6 | 167.3 | 164.1 | 158.7 | 157.7 | 154.0 | 150.5 | 149.0 | 147.0 | 32.0 | 198.7 |
| 30,0° | 181.3 | 178.3 | 168.4 | 164.0 | 159.7 | 154.5 | 144.9 | 141.4 | 133.3 | 128.4 | 127.6 | 34.5 | 233.3 |
| 32,5° | 177.7 | 168.8 | 163.3 | 159.4 | 151.2 | 146.4 | 135.1 | 123.5 | 114.9 | 107.7 | 107.0 | 36.9 | 270.1 |
| 35,0° | 178.3 | 165.2 | 156.5 | 148.1 | 142.4 | 131.6 | 119.3 | 106.1 | 96.7 | 90.9 | 87.8 | 39.0 | 309.1 |
| 37,5° | 171.2 | 159.1 | 148.6 | 141.6 | 129.9 | 113.6 | 100.4 | 89.5 | 80.3 | 75.0 | 73.4 | 41.2 | 350.3 |
| 40,0° | 161.1 | 148.6 | 139.0 | 131.3 | 114.8 | 96.2 | 81.8 | 73.1 | 68.4 | 65.6 | 64.8 | 43.1 | 393.4 |
| 42,5° | 151.2 | 140.3 | 126.0 | 117.4 | 100.5 | 81.3 | 70.4 | 66.6 | 62.3 | 61.2 | 60.6 | 45.0 | 438.4 |
| 45,0° | 137.4 | 125.8 | 116.7 | 102.3 | 84.9 | 69.6 | 62.1 | 58.5 | 57.5 | 58.4 | 58.8 | 46.2 | 484.6 |
| 47,5° | 122.6 | 111.6 | 104.9 | 87.4 | 70.5 | 62.3 | 56.9 | 55.3 | 55.3 | 54.1 | 55.2 | 46.5 | 531.1 |
| 50,0° | 105.9 | 101.5 | 94.5 | 74.3 | 62.2 | 56.1 | 53.6 | 51.7 | 51.0 | 50.8 | 49.9 | 46.3 | 577.4 |
| 52,5° | 92.1 | 89.6 | 74.0 | 62.8 | 54.7 | 52.6 | 50.1 | 48.1 | 46.4 | 46.3 | 45.2 | 45.6 | 623.0 |
| 55,0° | 80.1 | 75.2 | 59.7 | 53.1 | 49.2 | 47.3 | 46.2 | 43.5 | 42.4 | 41.7 | 40.8 | 44.6 | 667.6 |
| 57,5° | 72.2 | 65.6 | 52.2 | 46.3 | 45.2 | 44.5 | 42.2 | 40.0 | 38.3 | 37.8 | 37.8 | 43.9 | 711.6 |
| 60,0° | 64.9 | 53.5 | 45.3 | 42.3 | 42.0 | 42.0 | 39.0 | 37.8 | 35.5 | 34.7 | 35.5 | 43.4 | 755.0 |
| 62,5° | 58.2 | 46.5 | 40.2 | 38.0 | 38.7 | 38.9 | 37.6 | 35.3 | 31.6 | 31.2 | 30.9 | 42.7 | 797.7 |
| 65,0° | 48.5 | 38.6 | 35.4 | 35.0 | 33.2 | 33.2 | 32.2 | 30.1 | 27.6 | 26.1 | 25.9 | 41.1 | 838.8 |
| 67,5° | 40.0 | 33.3 | 30.7 | 28.8 | 28.4 | 27.4 | 25.8 | 22.4 | 19.4 | 17.8 | 17.3 | 38.7 | 877.5 |
| 70,0° | 33.9 | 28.1 | 26.6 | 25.0 | 23.5 | 19.0 | 16.2 | 11.9 | 9.1 | 7.5 | 6.5 | 36.0 | 913.6 |
| 72,5° | 26.8 | 22.8 | 22.0 | 19.8 | 14.7 | 10.1 | 6.8 | 4.3 | 3.5 | 3.1 | 3.2 | 33.2 | 946.7 |
| 75,0° | 21.1 | 16.5 | 14.5 | 11.7 | 7.0 | 3.9 | 2.7 | 1.7 | 1.5 | 1.6 | 1.9 | 27.1 | 973.8 |
| 77,5° | 13.6 | 9.9 | 6.4 | 3.8 | 2.2 | 1.3 | 1.2 | 0.7 | 0.6 | 0.8 | 1.1 | 17.1 | 991.0 |
| 80,0° | 5.6 | 2.8 | 1.3 | 0.3 | 0.4 | 0.2 | 0.2 | 0.3 | 0.2 | 0.3 | 0.5 | 6.1 | 997.1 |
| 82,5° | 0.8 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | 2.2 | 999.3 |
| 85,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 999.9 |
| 87,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | 1000.0 |

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| Family Streetlight 31 midi | Order number: 5XH3D3BM08NA EAN: 4069025096180 | LP number 59078_367 |
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| Dimming levels table | environmental temperature: 25°C | siteco |
|-----------------------------|---------------------------------|---------------|

| 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 | 22750 | 149.5 | 163.6 | 156.6 |
| 95 | 239 | 252 | 21634 | 140.1 | 152.8 | 146.4 |
| 90 | 224 | 249 | 20488 | 130.8 | 142.5 | 136.6 |
| 85 | 209 | 247 | 19308 | 121.6 | 132.5 | 127.0 |
| 80 | 195 | 244 | 18181 | 113.1 | 123.1 | 118.1 |
| 75 | 181 | 242 | 17026 | 104.7 | 113.9 | 109.3 |
| 70 | 168 | 239 | 15940 | 97.0 | 105.4 | 101.2 |
| 65 | 154 | 236 | 14747 | 88.7 | 96.4 | 92.6 |
| 60 | 141 | 232 | 13620 | 81.1 | 88.1 | 84.6 |
| 55 | 128 | 229 | 12472 | 73.6 | 79.8 | 76.7 |
| 50 | 116 | 225 | 11396 | 66.6 | 72.3 | 69.4 |
| 45 | 103 | 221 | 10209 | 59.2 | 64.2 | 61.7 |
| 40 | 91 | 216 | 9095 | 52.2 | 56.7 | 54.4 |
| 35 | 79 | 211 | 7967 | 45.4 | 49.3 | 47.3 |
| 30 | 67 | 205 | 6822 | 38.5 | 41.7 | 40.1 |
| 25 | 55 | 198 | 5659 | 31.8 | 34.4 | 33.1 |
| 20 | 44 | 190 | 4580 | 25.8 | 27.8 | 26.8 |
| 15 | 32 | 178 | 3391 | 19.4 | 20.8 | 20.1 |
| 10 | 21 | 163 | 2286 | 13.4 | 14.4 | 13.9 |
| 10 | 20 | 161 | 2186 | 12.9 | 13.8 | 13.4 |

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| Dimming levels table | environmental temperature: 5°C |
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| 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 | 23430 | 151.3 | 165.6 | 158.4 |
| 95 | 239 | 252 | 22248 | 141.9 | 154.7 | 148.3 |
| 90 | 225 | 250 | 21121 | 133.1 | 145.0 | 139.0 |
| 85 | 210 | 247 | 19885 | 123.8 | 134.8 | 129.3 |
| 80 | 196 | 245 | 18707 | 115.3 | 125.4 | 120.4 |
| 75 | 183 | 242 | 17597 | 107.4 | 116.7 | 112.0 |
| 70 | 169 | 239 | 16379 | 98.9 | 107.5 | 103.2 |
| 65 | 156 | 236 | 15233 | 91.2 | 99.0 | 95.1 |
| 60 | 143 | 233 | 14068 | 83.5 | 90.6 | 87.0 |
| 55 | 130 | 229 | 12888 | 75.8 | 82.3 | 79.0 |
| 50 | 117 | 226 | 11689 | 68.2 | 73.9 | 71.1 |
| 45 | 105 | 222 | 10568 | 61.2 | 66.3 | 63.8 |
| 40 | 92 | 217 | 9335 | 53.6 | 58.1 | 55.8 |
| 35 | 80 | 212 | 8182 | 46.6 | 50.6 | 48.6 |
| 30 | 68 | 206 | 7015 | 39.7 | 43.0 | 41.4 |
| 25 | 56 | 199 | 5832 | 32.9 | 35.6 | 34.2 |
| 20 | 44 | 190 | 4638 | 26.2 | 28.3 | 27.2 |
| 15 | 33 | 179 | 3532 | 20.2 | 21.7 | 21.0 |
| 10 | 21 | 163 | 2312 | 13.6 | 14.6 | 14.1 |
| 9 | 20 | 161 | 2210 | 13.1 | 14.0 | 13.6 |

Photometric test report

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| Family Streetlight 31 midi | Order number: 5XH3D3BM08NA EAN: 4069025096180 | LP number 59078_367 |
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| Dimming levels table | environmental temperature: 15°C | sITeco |
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| 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 | 23120 | 150.4 | 164.6 | 157.5 |
| 95 | 239 | 252 | 21968 | 141.0 | 153.7 | 147.4 |
| 90 | 224 | 249 | 20789 | 131.6 | 143.4 | 137.5 |
| 85 | 210 | 247 | 19661 | 123.0 | 133.9 | 128.4 |
| 80 | 196 | 245 | 18507 | 114.5 | 124.6 | 119.6 |
| 75 | 182 | 242 | 17330 | 106.0 | 115.3 | 110.6 |
| 70 | 169 | 239 | 16220 | 98.2 | 106.7 | 102.4 |
| 65 | 155 | 236 | 15005 | 89.9 | 97.7 | 93.8 |
| 60 | 142 | 233 | 13858 | 82.3 | 89.3 | 85.8 |
| 55 | 129 | 229 | 12693 | 74.7 | 81.0 | 77.8 |
| 50 | 117 | 226 | 11600 | 67.7 | 73.4 | 70.6 |
| 45 | 104 | 221 | 10399 | 60.1 | 65.2 | 62.6 |
| 40 | 92 | 217 | 9272 | 53.2 | 57.7 | 55.4 |
| 35 | 80 | 212 | 8129 | 46.2 | 50.2 | 48.2 |
| 30 | 68 | 206 | 6974 | 39.4 | 42.6 | 41.0 |
| 25 | 56 | 199 | 5800 | 32.7 | 35.3 | 34.0 |
| 20 | 44 | 190 | 4614 | 26.0 | 28.0 | 27.0 |
| 15 | 33 | 179 | 3515 | 20.0 | 21.5 | 20.8 |
| 10 | 21 | 163 | 2301 | 13.5 | 14.5 | 14.0 |
| 10 | 20 | 161 | 2200 | 13.0 | 13.9 | 13.4 |

Photometric test report

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| Family Streetlight 31 midi | Order number: 5XH3D3BM08NA EAN: 4069025096180 | LP number 59078_367 |
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Luminousfluxs table **siteco**

| Temperature °C | Luminous flux lm | Power consumption W |
|-------------------|---------------------|------------------------|
| 25.0 | 22750.0 | 149.5 |
| 5.0 | 23430.0 | 151.3 |
| 15.0 | 23120.0 | 150.4 |