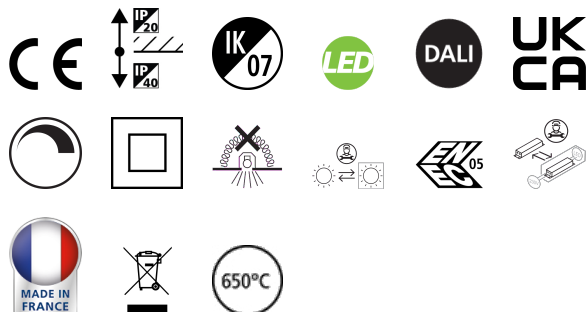


# OPTICLIP R 600 940 2L WHT DALI

Artikelnummer 0034011

**SYLVANIA**

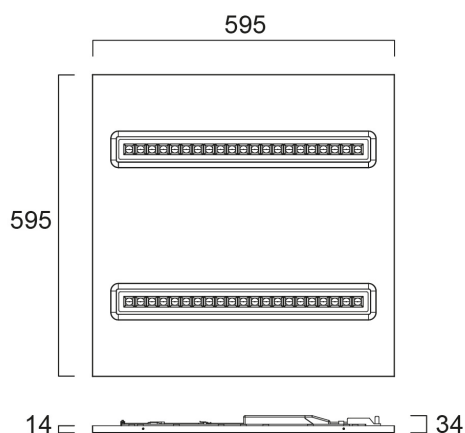
**PRO**<sup>TM</sup>



OPTICLIP R 600 940 2L WHT DALI is a high efficacy low glare ceiling recessed mounted luminaire with replaceable light engines for office and education applications. White colour plastic optic (reflector + lens), direct light distribution. Luminaire dimensions: 595x595x17mm. White body colour (RAL9016), IP40 (from the front), IK07, DALI Dimmable driver, 33W power consumption, 4000K (neutral white) CCT, 4250lm luminous flux at 900mA drive current level, 129lm/W system efficacy, CRI>90, SDCM≤3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<16, luminance at 65° < 1000 cd/m<sup>2</sup>. Lifespan: 100,000 hours L80B20, photobiological safety risk group 0. Electrical protection Class II. Glow wire test 850°C.

## Technische Werte

### Größe (mm)



### Photometrie

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam diameter [ft] | Beam diameter [in] |
|--------------|-------------------|----------------|-------------------|--------------------|--------------------|
| 0.5          | 0.78              | 75.0°          | 0.78              | 2.56               | 25.6               |
| 1.0          | 1.56              | 75.0°          | 1.56              | 5.12               | 51.2               |
| 1.5          | 2.34              | 75.0°          | 2.34              | 7.68               | 76.8               |
| 2.0          | 3.12              | 75.0°          | 3.12              | 10.24              | 102.4              |
| 2.5          | 3.91              | 75.0°          | 3.91              | 12.80              | 128.0              |
| 3.0          | 4.69              | 75.0°          | 4.69              | 15.36              | 153.6              |
| 3.5          | 5.47              | 75.0°          | 5.47              | 17.92              | 179.2              |
| 4.0          | 6.25              | 75.0°          | 6.25              | 20.48              | 204.8              |
| 4.5          | 7.03              | 75.0°          | 7.03              | 23.04              | 230.4              |
| 5.0          | 7.81              | 75.0°          | 7.81              | 25.60              | 256.0              |
| 5.5          | 8.59              | 75.0°          | 8.59              | 28.16              | 281.6              |
| 6.0          | 9.37              | 75.0°          | 9.37              | 30.72              | 307.2              |
| 6.5          | 10.15             | 75.0°          | 10.15             | 33.28              | 332.8              |
| 7.0          | 10.93             | 75.0°          | 10.93             | 35.84              | 358.4              |
| 7.5          | 11.71             | 75.0°          | 11.71             | 38.40              | 384.0              |
| 8.0          | 12.49             | 75.0°          | 12.49             | 40.96              | 409.6              |
| 8.5          | 13.27             | 75.0°          | 13.27             | 43.52              | 435.2              |
| 9.0          | 14.05             | 75.0°          | 14.05             | 46.08              | 460.8              |
| 9.5          | 14.83             | 75.0°          | 14.83             | 48.64              | 486.4              |
| 10.0         | 15.61             | 75.0°          | 15.61             | 51.20              | 512.0              |
| 10.5         | 16.39             | 75.0°          | 16.39             | 53.76              | 537.6              |
| 11.0         | 17.17             | 75.0°          | 17.17             | 56.32              | 563.2              |
| 11.5         | 17.95             | 75.0°          | 17.95             | 58.88              | 588.8              |
| 12.0         | 18.73             | 75.0°          | 18.73             | 61.44              | 614.4              |
| 12.5         | 19.51             | 75.0°          | 19.51             | 64.00              | 640.0              |
| 13.0         | 20.29             | 75.0°          | 20.29             | 66.56              | 665.6              |
| 13.5         | 21.07             | 75.0°          | 21.07             | 69.12              | 691.2              |
| 14.0         | 21.85             | 75.0°          | 21.85             | 71.68              | 716.8              |
| 14.5         | 22.63             | 75.0°          | 22.63             | 74.24              | 742.4              |
| 15.0         | 23.41             | 75.0°          | 23.41             | 76.80              | 768.0              |
| 15.5         | 24.19             | 75.0°          | 24.19             | 79.36              | 793.6              |
| 16.0         | 24.97             | 75.0°          | 24.97             | 81.92              | 819.2              |
| 16.5         | 25.75             | 75.0°          | 25.75             | 84.48              | 844.8              |
| 17.0         | 26.53             | 75.0°          | 26.53             | 87.04              | 870.4              |
| 17.5         | 27.31             | 75.0°          | 27.31             | 89.60              | 896.0              |
| 18.0         | 28.09             | 75.0°          | 28.09             | 92.16              | 921.6              |
| 18.5         | 28.87             | 75.0°          | 28.87             | 94.72              | 947.2              |
| 19.0         | 29.65             | 75.0°          | 29.65             | 97.28              | 972.8              |
| 19.5         | 30.43             | 75.0°          | 30.43             | 99.84              | 998.4              |
| 20.0         | 31.21             | 75.0°          | 31.21             | 102.40             | 1024.0             |
| 20.5         | 31.99             | 75.0°          | 31.99             | 104.96             | 1049.6             |
| 21.0         | 32.77             | 75.0°          | 32.77             | 107.52             | 1075.2             |
| 21.5         | 33.55             | 75.0°          | 33.55             | 110.08             | 1100.8             |
| 22.0         | 34.33             | 75.0°          | 34.33             | 112.64             | 1126.4             |
| 22.5         | 35.11             | 75.0°          | 35.11             | 115.20             | 1152.0             |
| 23.0         | 35.89             | 75.0°          | 35.89             | 117.76             | 1177.6             |
| 23.5         | 36.67             | 75.0°          | 36.67             | 120.32             | 1203.2             |
| 24.0         | 37.45             | 75.0°          | 37.45             | 122.88             | 1228.8             |
| 24.5         | 38.23             | 75.0°          | 38.23             | 125.44             | 1254.4             |
| 25.0         | 39.01             | 75.0°          | 39.01             | 128.00             | 1280.0             |
| 25.5         | 39.79             | 75.0°          | 39.79             | 130.56             | 1305.6             |
| 26.0         | 40.57             | 75.0°          | 40.57             | 133.12             | 1331.2             |
| 26.5         | 41.35             | 75.0°          | 41.35             | 135.68             | 1356.8             |
| 27.0         | 42.13             | 75.0°          | 42.13             | 138.24             | 1382.4             |
| 27.5         | 42.91             | 75.0°          | 42.91             | 140.80             | 1408.0             |
| 28.0         | 43.69             | 75.0°          | 43.69             | 143.36             | 1433.6             |
| 28.5         | 44.47             | 75.0°          | 44.47             | 145.92             | 1459.2             |
| 29.0         | 45.25             | 75.0°          | 45.25             | 148.48             | 1484.8             |
| 29.5         | 46.03             | 75.0°          | 46.03             | 151.04             | 1510.4             |
| 30.0         | 46.81             | 75.0°          | 46.81             | 153.60             | 1536.0             |
| 30.5         | 47.59             | 75.0°          | 47.59             | 156.16             | 1561.6             |
| 31.0         | 48.37             | 75.0°          | 48.37             | 158.72             | 1587.2             |
| 31.5         | 49.15             | 75.0°          | 49.15             | 161.28             | 1612.8             |
| 32.0         | 49.93             | 75.0°          | 49.93             | 163.84             | 1638.4             |
| 32.5         | 50.71             | 75.0°          | 50.71             | 166.40             | 1664.0             |
| 33.0         | 51.49             | 75.0°          | 51.49             | 168.96             | 1689.6             |
| 33.5         | 52.27             | 75.0°          | 52.27             | 171.52             | 1715.2             |
| 34.0         | 53.05             | 75.0°          | 53.05             | 174.08             | 1740.8             |
| 34.5         | 53.83             | 75.0°          | 53.83             | 176.64             | 1766.4             |
| 35.0         | 54.61             | 75.0°          | 54.61             | 179.20             | 1792.0             |
| 35.5         | 55.39             | 75.0°          | 55.39             | 181.76             | 1817.6             |
| 36.0         | 56.17             | 75.0°          | 56.17             | 184.32             | 1843.2             |
| 36.5         | 56.95             | 75.0°          | 56.95             | 186.88             | 1868.8             |
| 37.0         | 57.73             | 75.0°          | 57.73             | 189.44             | 1894.4             |
| 37.5         | 58.51             | 75.0°          | 58.51             | 192.00             | 1920.0             |
| 38.0         | 59.29             | 75.0°          | 59.29             | 194.56             | 1945.6             |
| 38.5         | 60.07             | 75.0°          | 60.07             | 197.12             | 1971.2             |
| 39.0         | 60.85             | 75.0°          | 60.85             | 199.68             | 1996.8             |
| 39.5         | 61.63             | 75.0°          | 61.63             | 202.24             | 2022.4             |
| 40.0         | 62.41             | 75.0°          | 62.41             | 204.80             | 2048.0             |
| 40.5         | 63.19             | 75.0°          | 63.19             | 207.36             | 2073.6             |
| 41.0         | 63.97             | 75.0°          | 63.97             | 209.92             | 2099.2             |
| 41.5         | 64.75             | 75.0°          | 64.75             | 212.48             | 2124.8             |
| 42.0         | 65.53             | 75.0°          | 65.53             | 215.04             | 2150.4             |
| 42.5         | 66.31             | 75.0°          | 66.31             | 217.60             | 2176.0             |
| 43.0         | 67.09             | 75.0°          | 67.09             | 220.16             | 2201.6             |
| 43.5         | 67.87             | 75.0°          | 67.87             | 222.72             | 2227.2             |
| 44.0         | 68.65             | 75.0°          | 68.65             | 225.28             | 2252.8             |
| 44.5         | 69.43             | 75.0°          | 69.43             | 227.84             | 2278.4             |
| 45.0         | 70.21             | 75.0°          | 70.21             | 230.40             | 2304.0             |
| 45.5         | 70.99             | 75.0°          | 70.99             | 232.96             | 2329.6             |
| 46.0         | 71.77             | 75.0°          | 71.77             | 235.52             | 2355.2             |
| 46.5         | 72.55             | 75.0°          | 72.55             | 238.08             | 2380.8             |
| 47.0         | 73.33             | 75.0°          | 73.33             | 240.64             | 2406.4             |
| 47.5         | 74.11             | 75.0°          | 74.11             | 243.20             | 2432.0             |
| 48.0         | 74.89             | 75.0°          | 74.89             | 245.76             | 2457.6             |
| 48.5         | 75.67             | 75.0°          | 75.67             | 248.32             | 2483.2             |
| 49.0         | 76.45             | 75.0°          | 76.45             | 250.88             | 2508.8             |
| 49.5         | 77.23             | 75.0°          | 77.23             | 253.44             | 2534.4             |
| 50.0         | 78.01             | 75.0°          | 78.01             | 256.00             | 2560.0             |
| 50.5         | 78.79             | 75.0°          | 78.79             | 258.56             | 2585.6             |
| 51.0         | 79.57             | 75.0°          | 79.57             | 261.12             | 2611.2             |
| 51.5         | 80.35             | 75.0°          | 80.35             | 263.68             | 2636.8             |
| 52.0         | 81.13             | 75.0°          | 81.13             | 266.24             | 2662.4             |
| 52.5         | 81.91             | 75.0°          | 81.91             | 268.80             | 2688.0             |
| 53.0         | 82.69             | 75.0°          | 82.69             | 271.36             | 2713.6             |
| 53.5         | 83.47             | 75.0°          | 83.47             | 273.92             | 2739.2             |
| 54.0         | 84.25             | 75.0°          | 84.25             | 276.48             | 2764.8             |
| 54.5         | 85.03             | 75.0°          | 85.03             | 279.04             | 2790.4             |
| 55.0         | 85.81             | 75.0°          | 85.81             | 281.60             | 2816.0             |
| 55.5         | 86.59             | 75.0°          | 86.59             | 284.16             | 2841.6             |
| 56.0         | 87.37             | 75.0°          | 87.37             | 286.72             | 2867.2             |
| 56.5         | 88.15             | 75.0°          | 88.15             | 289.28             | 2892.8             |
| 57.0         | 88.93             | 75.0°          | 88.93             | 291.84             | 2918.4             |
| 57.5         | 89.71             | 75.0°          | 89.71             | 294.40             | 2944.0             |
| 58.0         | 90.49             | 75.0°          | 90.49             | 296.96             | 2969.6             |
| 58.5         | 91.27             | 75.0°          | 91.27             | 299.52             | 2995.2             |
| 59.0         | 92.05             | 75.0°          | 92.05             | 302.08             | 3020.8             |
| 59.5         | 92.83             | 75.0°          | 92.83             | 304.64             | 3046.4             |
| 60.0         | 93.61             | 75.0°          | 93.61             | 307.20             | 3072.0             |
| 60.5         | 94.39             | 75.0°          | 94.39             | 309.76             | 3097.6             |
| 61.0         | 95.17             | 75.0°          | 95.17             | 312.32             | 3123.2             |
| 61.5         | 95.95             | 75.0°          | 95.95             | 314.88             | 3148.8             |
| 62.0         | 96.73             | 75.0°          | 96.73             | 317.44             | 3174.4             |
| 62.5         | 97.51             | 75.0°          | 97.51             | 320.00             | 3200.0             |
| 63.0         | 98.29             | 75.0°          | 98.29             | 322.56             | 3225.6             |
| 63.5         | 99.07             | 75.0°          | 99.07             | 325.12             | 3251.2             |
| 64.0         | 99.85             | 75.0°          | 99.85             | 327.68             | 3276.8             |
| 64.5         | 100.63            | 75.0°          | 100.63            | 330.24             | 3302.4             |
| 65.0         | 101.41            | 75.0°          | 101.41            | 332.80             | 3328.0             |
| 65.5         | 102.19            | 75.0°          | 102.19            | 335.36             | 3353.6             |
| 66.0         | 102.97            | 75.0°          | 102.97            | 337.92             | 3379.2             |
| 66.5         | 103.75            | 75.0°          | 103.75            | 340.48             | 3404.8             |
| 67.0         | 104.53            | 75.0°          | 104.53            | 343.04             | 3430.4             |
| 67.5         | 105.31            | 75.0°          | 105.31            | 345.60             | 3456.0             |
| 68.0         | 106.09            | 75.0°          | 106.09            | 348.16             | 3481.6             |
| 68.5         | 106.87            | 75.0°          | 106.87            | 350.72             | 3507.2             |
| 69.0         | 107.65            | 75.0°          | 107.65            | 353.28             | 3532.8             |
| 69.5         | 108.43            | 75.0°          | 108.43            | 355.84             | 3558.4             |
| 70.0         | 109.21            | 75.0°          | 109.21            | 358.40             | 3584.0             |
| 70.5         | 110.00            | 75.0°          | 110.00            | 360.96             | 3609.6             |
| 71.0         | 110.78            | 75.0°          | 110.78            | 363.52             | 3635.2             |
| 71.5         | 111.56            | 75.0°          | 111.56            | 366.08             | 3660.8             |
| 72.0         | 112.34            | 75.0°          | 112.34            | 368.64             | 3686.4             |
| 72.5         | 113.12            | 75.0°          | 113.12            | 371.20             | 3712.0             |
| 73.0         | 113.90            | 75.0°          | 113.90            | 373.76             | 3737.6             |
| 73.5         | 114.68            | 75.0°          | 114.68            | 376.32             | 3763.2             |
| 74.0         | 115.46            | 75.0°          | 115.46            | 378.88             | 3788.8             |
| 74.5         | 116.24            | 75.0°          | 116.24            | 381.44             | 3814.4             |
| 75.0         | 117.02            | 75.0°          | 117.02            | 384.00             | 3840.0             |
| 75.5         | 117.80            | 75.0°          | 117.80            | 386.56             | 3865.6             |
| 76.0         | 118.58            | 75.0°          | 118.58            | 389.12             | 3891.2             |
| 76.5         | 119.36            | 75.0°          | 119.36            | 391.68             | 3916.8             |
| 77.0         | 120.14            | 75.0°          | 120.14            | 394.24             | 3942.4             |
| 77.5         | 120.92            | 75.0°          | 120.92            | 396.80             | 3968.0             |
| 78.0         | 121.70            | 75.0°          | 121.70            | 399.36             | 3993.6             |
| 78.5         | 122.48            | 75.0°          | 122.48            | 401.92             | 4019.2             |
| 79.0         | 123.26            | 75.0°          | 123.26            | 404.48             | 4044.8             |
| 79.5         | 124.04            | 75.0°          | 124.04            | 407.04             | 4070.4             |
| 80.0         | 124.82            | 75.0°          | 124.82            | 409.60             | 4096.0             |
| 80.5         | 125.60            | 75.0°          | 125.60            | 412.16             | 4121.6             |
| 81.0         | 126.38            | 75.0°          | 126.38            | 414.72             | 4147.2             |
| 81.5         | 127.16            | 75.0°          | 127.16            | 417.28             | 4172.8             |
| 82.0         | 127.94            | 75.0°          | 127.94            | 419.84             | 4198.4             |
| 82.5         | 128.72            | 75.0°          | 128.72            | 422.40             | 4224.0             |
| 83.0         | 129.50            | 75.0°          | 129.50            | 424.96             | 4249.6             |
| 83.5         | 130.28            | 75.0°          | 130.28            | 427.52             | 4275.2             |
| 84.0         | 131.06            | 75.0°          | 131.06            | 430.08             | 4300.8             |
| 84.5         | 131.84            | 75.0°          | 131.84            | 432.64             | 4326.4             |
| 85.0         | 132.62            | 75.0°          | 132.62            | 435.20             | 4352.0             |
| 85.5         | 133.40            | 75.0°          | 133.40            | 437.76             | 4377.6             |
| 86.0         | 134.18            | 75.0°          | 134.18            | 440.32             | 4403.2             |
| 86.5         | 134.96            | 75.0°          | 134.96            | 442.88             | 4428.8             |
| 87.0         | 135.74            | 75.0°          | 135.74            | 445.44             | 4454.4             |
| 87.5         | 136.52            | 75.0°          | 136.52            | 448.00             | 4480.0             |
| 88.0         | 137.30            | 75.0°          | 137.30            | 450.56             | 4505.6             |
| 88.5         | 138.08            | 75.0°          | 138.08            | 453.12             | 4531.2             |
| 89.0         | 138.86            | 75.0°          | 138.86            | 455.68             | 4556.8             |
| 89.5         | 139.64            | 75.0°          | 139.64            | 458.24             | 4582.4             |
| 90.0         | 140.42            | 75.0°          | 140.42            | 460.80             | 4608.0             |
| 90.5         | 141.20            | 75.0°          | 141.20            | 463.36             | 4633.6             |
| 91.0         | 141.98            | 75.0°          | 141.98            | 465.92             | 4659.2             |
| 91.5         | 142.76            | 75.0°          | 142.76            | 468.48             | 4684.8             |
| 92.0         | 143.54            | 75.0°          | 143.54            | 471.04             | 4710.4             |
| 92.5         | 144.32            | 75.0°          | 144.32            | 473.60             | 4736.0             |
| 93.0         | 145.10            | 75.0°          | 145.10            | 476.16             | 4761.6             |
| 93.5         | 145.88            | 75.0°          | 145.88            | 478.72             | 4787.2             |
| 94.0         | 146.66            | 75.0°          | 146.66            | 481.28             | 4812.8             |
| 94.5         | 147.44            | 75.0°          | 147.44            | 483.84             | 4838.4             |
| 95.0         | 148.22            | 75.0°          | 148.22            |                    |                    |

# OPTICLIP R 600 940 2L WHT DALI

Artikelnummer 0034011

**SYLVANIA**

## Allgemeine Daten

|                                 |                                |
|---------------------------------|--------------------------------|
| Produktname                     | OPTICLIP R 600 940 2L WHT DALI |
| Technologie                     | LED                            |
| Sockel                          | N/A                            |
| Gehäuse                         | Steel                          |
| Montage                         | Ceiling recessed mounting      |
| Built in presence detector      | NONE                           |
| Allgemeine Anwendungsbereiche   | Education, Office              |
| Umgebungstemperaturbereich      | 5°C...+25°C                    |
| Betriebstemperatur (°C)         | 25                             |
| Virtual assistant compatibility | N/A                            |
| ETIM Klasse                     | EC002892                       |
| E-Nummer FI                     | 4170624                        |
| Garantie                        | 5 Jahre                        |

## Optische Daten

|                            |               |
|----------------------------|---------------|
| Leuchtenlichtstrom (lm)    | 4250          |
| Systemeffizienz (lm/W)     | 129           |
| Farbtemperatur (K)         | 4000          |
| Lichtfarbe                 | Neutral White |
| Farbwiedergabeindex (Ra)   | 90            |
| Farbkonsistenz (SDCM)      | SDCM3         |
| Ausstrahlungswinkel (°)    | 75            |
| Distributionstyp           | Symmetric     |
| Blendungsbegrenzung        | < 16          |
| Photobiological Risk Group | RG0           |

## Elektrische Daten

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Leistungsaufnahme gesamt (W)                             | 33                          |
| Primary Supply/Product voltage - min (V)                 | 220.0                       |
| Primary Supply/Product voltage - max (V)                 | 240.0                       |
| Leistungsfaktor der Lampe                                | 0.9                         |
| THD (bei 230V, 50Hz, bei 100% Dimm-Level)                | 15                          |
| Elektrische Schutzklasse                                 | Class II                    |
| Vorschaltgerät benötigt                                  | No                          |
| Betriebsgerätetyp                                        | LED driver constant current |
| Dimmbar                                                  | Yes                         |
| Dimming method                                           | DALI                        |
| Dimmbar bis (%)                                          | 1                           |
| Stromstärke (mA)                                         | 900                         |
| Min. drive current (mA)                                  | 400                         |
| Max. drive current (mA)                                  | 900                         |
| Drive current - Range (mA)                               | 400mA / 900mA               |
| Einschaltstrom (A)                                       | 5.6                         |
| Dauer Einschaltstrom (µs)                                | 50                          |
| Energy Efficiency Class (A->G) of contained light source | E                           |
| Nennfrequenz (Hz)                                        | 50/60Hz                     |
| LED Flickering Rate                                      | Ultra low (5% or less)      |
| Max. Anzahl Leuchten pro 10A C Sicherung                 | 37                          |
| Max. Anzahl Leuchten pro 16A C Sicherung                 | 59                          |
| Max. Anzahl Leuchten pro 10A B Sicherung                 | 37                          |
| Max. Anzahl Leuchten pro 16A B Sicherung                 | 59                          |
| Connectable conductor cross section - Max (mm²)          | 2.5                         |

## Lifetime data

|                      |        |
|----------------------|--------|
| Lebensdauer - L70B50 | 100000 |
| Lebensdauer - L80B20 | 100000 |
| Lebensdauer - L90B20 | 50000  |

# OPTICLIP R 600 940 2L WHT DALI

Artikelnummer 0034011

**SYLVANIA**

## Physikalische Daten

|                           |                                  |
|---------------------------|----------------------------------|
| Gehäusefarbe              | RAL 9016 - Traffic white / Bezel |
| IP Schutzart              | IP40/20                          |
| IK Schutzart              | IK07                             |
| Diffusor                  | Other                            |
| Diffusormaterial          | None                             |
| Länge (mm)                | 595                              |
| Breite (mm)               | 595                              |
| Nominale Produkthöhe (mm) | 14                               |
| Gewicht (kg)              | 2.9                              |

## Packaging

|                                        |                |
|----------------------------------------|----------------|
| EAN Code                               | 5410288340111  |
| Einzelverpackung Länge (cm)            | 60.0           |
| Einzelverpackung Breite (cm)           | 4.0            |
| Einzelverpackung Tiefe (cm)            | 60.0           |
| DUN 14 (außen)                         | 05410288340111 |
| Anzahl an Einheiten je Außenverpackung | 1              |
| Außenverpackung Länge (cm)             | 60.0           |
| Außenverpackung Breite (cm)            | 4.0            |
| Außenverpackung Tiefe (cm)             | 60.0           |

## Safety data

|                                  |      |
|----------------------------------|------|
| Glühdrahttest (°C)               | 650  |
| Optimale Betriebstemperatur (°C) | 5-25 |
| Nur für trockene Umgebungen      | Nein |