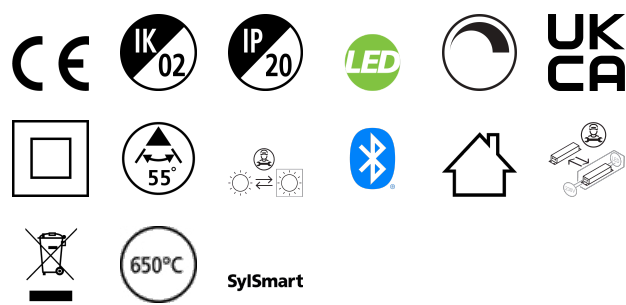


# CONCORD BEACON MUSE 3000K SSC BLACK

Artikelnummer 2062575

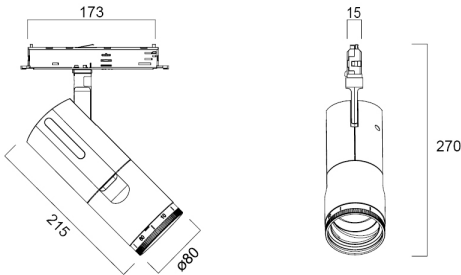
Concord



Simple and slick integral design with no driver box and without any visible screws New technology utilization for improved performance Invisible in-track adaptor for an impressive architectural look Extremely precise light beams due to the high-quality lens ø80mm die-cast aluminium body, Adjustable beam angle: between 8° - 55°, Textured black finishing colour Light color temperature: 3000K, warm light System power: 18W, Fixture lumen output: 980lm, efficacy: 55lm/W, Ra97 typical, LED chromacity: 2 step MacAdam ellipse LED source (SDCM2), IR/UV free light source without heat radiation Operating voltage 220-240V / 50-60Hz, SylSmart SSC suitable for installation on 3-circuit tracks, please check compatibility list on the instruction sheet. Compatible with OneTrack Electrical protection: Class II. Degree of protection: IP20, suitable for indoor environment only Horizontal rotation: 355°, vertical tilt: 90° Nominal product dimensions: D.80mmx215mm 5 years warranty. Suitable for track mounting

## Technische activa

### Afmetingen (mm)



### Fotometrie

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam area [m²] | Beam area [ft²] |
|--------------|-------------------|----------------|-------------------|----------------|-----------------|
| 0.5          | 0.08              | 8°             | 0.08              | 0.005          | 0.05            |
| 1.0          | 0.16              | 16°            | 0.16              | 0.02           | 0.2             |
| 1.5          | 0.24              | 24°            | 0.24              | 0.04           | 0.4             |
| 2.0          | 0.31              | 31°            | 0.31              | 0.06           | 0.6             |
| 2.5          | 0.38              | 38°            | 0.38              | 0.09           | 0.9             |
| 3.0          | 0.45              | 45°            | 0.45              | 0.12           | 1.2             |
| 3.5          | 0.52              | 52°            | 0.52              | 0.16           | 1.6             |
| 4.0          | 0.59              | 59°            | 0.59              | 0.21           | 2.1             |
| 4.5          | 0.66              | 66°            | 0.66              | 0.27           | 2.7             |
| 5.0          | 0.73              | 73°            | 0.73              | 0.34           | 3.4             |
| 5.5          | 0.80              | 80°            | 0.80              | 0.41           | 4.1             |
| 6.0          | 0.87              | 87°            | 0.87              | 0.49           | 4.9             |
| 6.5          | 0.94              | 94°            | 0.94              | 0.57           | 5.7             |
| 7.0          | 1.01              | 101°           | 1.01              | 0.66           | 6.6             |
| 7.5          | 1.08              | 108°           | 1.08              | 0.75           | 7.5             |
| 8.0          | 1.15              | 115°           | 1.15              | 0.85           | 8.5             |
| 8.5          | 1.22              | 122°           | 1.22              | 0.96           | 9.6             |
| 9.0          | 1.29              | 129°           | 1.29              | 1.07           | 10.7            |
| 9.5          | 1.36              | 136°           | 1.36              | 1.19           | 11.9            |
| 10.0         | 1.43              | 143°           | 1.43              | 1.32           | 13.2            |
| 10.5         | 1.50              | 150°           | 1.50              | 1.46           | 14.6            |
| 11.0         | 1.57              | 157°           | 1.57              | 1.61           | 16.1            |
| 11.5         | 1.64              | 164°           | 1.64              | 1.76           | 17.6            |
| 12.0         | 1.71              | 171°           | 1.71              | 1.92           | 19.2            |
| 12.5         | 1.78              | 178°           | 1.78              | 2.09           | 20.9            |
| 13.0         | 1.85              | 185°           | 1.85              | 2.27           | 22.7            |
| 13.5         | 1.92              | 192°           | 1.92              | 2.46           | 24.6            |
| 14.0         | 1.99              | 199°           | 1.99              | 2.66           | 26.6            |
| 14.5         | 2.06              | 206°           | 2.06              | 2.87           | 28.7            |
| 15.0         | 2.13              | 213°           | 2.13              | 3.09           | 30.9            |
| 15.5         | 2.20              | 220°           | 2.20              | 3.32           | 33.2            |
| 16.0         | 2.27              | 227°           | 2.27              | 3.56           | 35.6            |
| 16.5         | 2.34              | 234°           | 2.34              | 3.81           | 38.1            |
| 17.0         | 2.41              | 241°           | 2.41              | 4.07           | 40.7            |
| 17.5         | 2.48              | 248°           | 2.48              | 4.34           | 43.4            |
| 18.0         | 2.55              | 255°           | 2.55              | 4.62           | 46.2            |
| 18.5         | 2.62              | 262°           | 2.62              | 4.91           | 49.1            |
| 19.0         | 2.69              | 269°           | 2.69              | 5.21           | 52.1            |
| 19.5         | 2.76              | 276°           | 2.76              | 5.52           | 55.2            |
| 20.0         | 2.83              | 283°           | 2.83              | 5.84           | 58.4            |
| 20.5         | 2.90              | 290°           | 2.90              | 6.17           | 61.7            |
| 21.0         | 2.97              | 297°           | 2.97              | 6.51           | 65.1            |
| 21.5         | 3.04              | 304°           | 3.04              | 6.86           | 68.6            |
| 22.0         | 3.11              | 311°           | 3.11              | 7.22           | 72.2            |
| 22.5         | 3.18              | 318°           | 3.18              | 7.59           | 75.9            |
| 23.0         | 3.25              | 325°           | 3.25              | 7.97           | 79.7            |
| 23.5         | 3.32              | 332°           | 3.32              | 8.36           | 83.6            |
| 24.0         | 3.39              | 339°           | 3.39              | 8.76           | 87.6            |
| 24.5         | 3.46              | 346°           | 3.46              | 9.17           | 91.7            |
| 25.0         | 3.53              | 353°           | 3.53              | 9.59           | 95.9            |
| 25.5         | 3.60              | 360°           | 3.60              | 10.02          | 100.2           |
| 26.0         | 3.67              | 367°           | 3.67              | 10.46          | 104.6           |
| 26.5         | 3.74              | 374°           | 3.74              | 10.91          | 109.1           |
| 27.0         | 3.81              | 381°           | 3.81              | 11.37          | 113.7           |
| 27.5         | 3.88              | 388°           | 3.88              | 11.84          | 118.4           |
| 28.0         | 3.95              | 395°           | 3.95              | 12.32          | 123.2           |
| 28.5         | 4.02              | 402°           | 4.02              | 12.81          | 128.1           |
| 29.0         | 4.09              | 409°           | 4.09              | 13.31          | 133.1           |
| 29.5         | 4.16              | 416°           | 4.16              | 13.82          | 138.2           |
| 30.0         | 4.23              | 423°           | 4.23              | 14.34          | 143.4           |
| 30.5         | 4.30              | 430°           | 4.30              | 14.87          | 148.7           |
| 31.0         | 4.37              | 437°           | 4.37              | 15.41          | 154.1           |
| 31.5         | 4.44              | 444°           | 4.44              | 15.96          | 159.6           |
| 32.0         | 4.51              | 451°           | 4.51              | 16.52          | 165.2           |
| 32.5         | 4.58              | 458°           | 4.58              | 17.09          | 170.9           |
| 33.0         | 4.65              | 465°           | 4.65              | 17.67          | 176.7           |
| 33.5         | 4.72              | 472°           | 4.72              | 18.26          | 182.6           |
| 34.0         | 4.79              | 479°           | 4.79              | 18.86          | 188.6           |
| 34.5         | 4.86              | 486°           | 4.86              | 19.47          | 194.7           |
| 35.0         | 4.93              | 493°           | 4.93              | 20.09          | 200.9           |
| 35.5         | 5.00              | 500°           | 5.00              | 20.72          | 207.2           |
| 36.0         | 5.07              | 507°           | 5.07              | 21.36          | 213.6           |
| 36.5         | 5.14              | 514°           | 5.14              | 22.01          | 220.1           |
| 37.0         | 5.21              | 521°           | 5.21              | 22.67          | 226.7           |
| 37.5         | 5.28              | 528°           | 5.28              | 23.34          | 233.4           |
| 38.0         | 5.35              | 535°           | 5.35              | 24.02          | 240.2           |
| 38.5         | 5.42              | 542°           | 5.42              | 24.71          | 247.1           |
| 39.0         | 5.49              | 549°           | 5.49              | 25.41          | 254.1           |
| 39.5         | 5.56              | 556°           | 5.56              | 26.12          | 261.2           |
| 40.0         | 5.63              | 563°           | 5.63              | 26.84          | 268.4           |
| 40.5         | 5.70              | 570°           | 5.70              | 27.57          | 275.7           |
| 41.0         | 5.77              | 577°           | 5.77              | 28.31          | 283.1           |
| 41.5         | 5.84              | 584°           | 5.84              | 29.06          | 290.6           |
| 42.0         | 5.91              | 591°           | 5.91              | 29.82          | 298.2           |
| 42.5         | 5.98              | 598°           | 5.98              | 30.59          | 305.9           |
| 43.0         | 6.05              | 605°           | 6.05              | 31.37          | 313.7           |
| 43.5         | 6.12              | 612°           | 6.12              | 32.16          | 321.6           |
| 44.0         | 6.19              | 619°           | 6.19              | 32.96          | 329.6           |
| 44.5         | 6.26              | 626°           | 6.26              | 33.77          | 337.7           |
| 45.0         | 6.33              | 633°           | 6.33              | 34.59          | 345.9           |
| 45.5         | 6.40              | 640°           | 6.40              | 35.42          | 354.2           |
| 46.0         | 6.47              | 647°           | 6.47              | 36.26          | 362.6           |
| 46.5         | 6.54              | 654°           | 6.54              | 37.11          | 371.1           |
| 47.0         | 6.61              | 661°           | 6.61              | 37.97          | 379.7           |
| 47.5         | 6.68              | 668°           | 6.68              | 38.84          | 388.4           |
| 48.0         | 6.75              | 675°           | 6.75              | 39.72          | 397.2           |
| 48.5         | 6.82              | 682°           | 6.82              | 40.61          | 406.1           |
| 49.0         | 6.89              | 689°           | 6.89              | 41.51          | 415.1           |
| 49.5         | 6.96              | 696°           | 6.96              | 42.42          | 424.2           |
| 50.0         | 7.03              | 703°           | 7.03              | 43.34          | 433.4           |
| 50.5         | 7.10              | 710°           | 7.10              | 44.27          | 442.7           |
| 51.0         | 7.17              | 717°           | 7.17              | 45.21          | 452.1           |
| 51.5         | 7.24              | 724°           | 7.24              | 46.16          | 461.6           |
| 52.0         | 7.31              | 731°           | 7.31              | 47.12          | 471.2           |
| 52.5         | 7.38              | 738°           | 7.38              | 48.09          | 480.9           |
| 53.0         | 7.45              | 745°           | 7.45              | 49.07          | 490.7           |
| 53.5         | 7.52              | 752°           | 7.52              | 50.06          | 500.6           |
| 54.0         | 7.59              | 759°           | 7.59              | 51.06          | 510.6           |
| 54.5         | 7.66              | 766°           | 7.66              | 52.07          | 520.7           |
| 55.0         | 7.73              | 773°           | 7.73              | 53.09          | 530.9           |
| 55.5         | 7.80              | 780°           | 7.80              | 54.12          | 541.2           |
| 56.0         | 7.87              | 787°           | 7.87              | 55.16          | 551.6           |
| 56.5         | 7.94              | 794°           | 7.94              | 56.21          | 562.1           |
| 57.0         | 8.01              | 801°           | 8.01              | 57.27          | 572.7           |
| 57.5         | 8.08              | 808°           | 8.08              | 58.34          | 583.4           |
| 58.0         | 8.15              | 815°           | 8.15              | 59.42          | 594.2           |
| 58.5         | 8.22              | 822°           | 8.22              | 60.51          | 605.1           |
| 59.0         | 8.29              | 829°           | 8.29              | 61.61          | 616.1           |
| 59.5         | 8.36              | 836°           | 8.36              | 62.72          | 627.2           |
| 60.0         | 8.43              | 843°           | 8.43              | 63.84          | 638.4           |
| 60.5         | 8.50              | 850°           | 8.50              | 64.97          | 649.7           |
| 61.0         | 8.57              | 857°           | 8.57              | 66.11          | 661.1           |
| 61.5         | 8.64              | 864°           | 8.64              | 67.26          | 672.6           |
| 62.0         | 8.71              | 871°           | 8.71              | 68.42          | 684.2           |
| 62.5         | 8.78              | 878°           | 8.78              | 69.59          | 695.9           |
| 63.0         | 8.85              | 885°           | 8.85              | 70.77          | 707.7           |
| 63.5         | 8.92              | 892°           | 8.92              | 71.96          | 719.6           |
| 64.0         | 8.99              | 899°           | 8.99              | 73.16          | 731.6           |
| 64.5         | 9.06              | 906°           | 9.06              | 74.37          | 743.7           |
| 65.0         | 9.13              | 913°           | 9.13              | 75.59          | 755.9           |
| 65.5         | 9.20              | 920°           | 9.20              | 76.82          | 768.2           |
| 66.0         | 9.27              | 927°           | 9.27              | 78.06          | 780.6           |
| 66.5         | 9.34              | 934°           | 9.34              | 79.31          | 793.1           |
| 67.0         | 9.41              | 941°           | 9.41              | 80.57          | 805.7           |
| 67.5         | 9.48              | 948°           | 9.48              | 81.84          | 818.4           |
| 68.0         | 9.55              | 955°           | 9.55              | 83.12          | 831.2           |
| 68.5         | 9.62              | 962°           | 9.62              | 84.41          | 844.1           |
| 69.0         | 9.69              | 969°           | 9.69              | 85.71          | 857.1           |
| 69.5         | 9.76              | 976°           | 9.76              | 87.02          | 870.2           |
| 70.0         | 9.83              | 983°           | 9.83              | 88.34          | 883.4           |
| 70.5         | 9.90              | 990°           | 9.90              | 89.67          | 896.7           |
| 71.0         | 9.97              | 997°           | 9.97              | 91.01          | 910.1           |
| 71.5         | 10.04             | 1004°          | 10.04             | 92.36          | 923.6           |
| 72.0         | 10.11             | 1011°          | 10.11             | 93.72          | 937.2           |
| 72.5         | 10.18             | 1018°          | 10.18             | 95.09          | 950.9           |
| 73.0         | 10.25             | 1025°          | 10.25             | 96.47          | 964.7           |
| 73.5         | 10.32             | 1032°          | 10.32             | 97.86          | 978.6           |
| 74.0         | 10.39             | 1039°          | 10.39             | 99.26          | 992.6           |
| 74.5         | 10.46             | 1046°          | 10.46             | 100.67         | 1006.7          |
| 75.0         | 10.53             | 1053°          | 10.53             | 102.09         | 1020.9          |
| 75.5         | 10.60             | 1060°          | 10.60             | 103.52         | 1035.2          |
| 76.0         | 10.67             | 1067°          | 10.67             | 104.96         | 1049.6          |
| 76.5         | 10.74             | 1074°          | 10.74             | 106.41         | 1064.1          |
| 77.0         | 10.81             | 1081°          | 10.81             | 107.87         | 1078.7          |
| 77.5         | 10.88             | 1088°          | 10.88             | 109.34         | 1093.4          |
| 78.0         | 10.95             | 1095°          | 10.95             | 110.82         | 1108.2          |
| 78.5         | 11.02             | 1102°          | 11.02             | 112.31         | 1123.1          |
| 79.0         | 11.09             | 1109°          | 11.09             | 113.81         | 1138.1          |
| 79.5         | 11.16             | 1116°          | 11.16             | 115.32         | 1153.2          |
| 80.0         | 11.23             | 1123°          | 11.23             | 116.84         | 1168.4          |
| 80.5         | 11.30             | 1130°          | 11.30             | 118.37         | 1183.7          |
| 81.0         | 11.37             | 1137°          | 11.37             | 119.91         | 1199.1          |
| 81.5         | 11.44             | 1144°          | 11.44             | 121.46         | 1214.6          |
| 82.0         | 11.51             | 1151°          | 11.51             | 123.02         | 1230.2          |
| 82.5         | 11.58             | 1158°          | 11.58             | 124.59         | 1245.9          |
| 83.0         | 11.65             | 1165°          | 11.65             | 126.17         | 1261.7          |
| 83.5         | 11.72             | 1172°          | 11.72             | 127.76         | 1277.6          |
| 84.0         | 11.79             | 1179°          | 11.79             | 129.36         | 1293.6          |
| 84.5         | 11.86             | 1186°          | 11.86             | 130.97         | 1309.7          |
| 85.0         | 11.93             | 1193°          | 11.93             | 132.59         | 1325.9          |
| 85.5         | 12.00             | 1200°          | 12.00             | 134.22         | 1342.2          |
| 86.0         | 12.07             | 1207°          | 12.07             | 135.86         | 1358.6          |
| 86.5         | 12.14             | 1214°          | 12.14             | 137.51         | 1375.1          |
| 87.0         | 12.21             | 1221°          | 12.21             | 139.17         | 1391.7          |
| 87.5         | 12.28             | 1228°          | 12.28             | 140.84         | 1408.4          |
| 88.0         | 12.35             | 1235°          | 12.35             | 142.52         | 1425.2          |
| 88.5         | 12.42             | 1242°          | 12.42             | 144.21         | 1442.1          |
| 89.0         | 12.49             | 1249°          | 12.49             | 145.91         | 1459.1          |
| 89.5         | 12.56             | 1256°          | 12.56             | 147.62         | 1476.2          |
| 90.0         | 12.63             | 1263°          | 12.63             | 149.34         | 1493.4          |
| 90.5         | 12.70             | 1270°          | 12.70             | 151.07         | 1510.7          |
| 91.0         | 12.77             | 1277°          | 12.77             | 152.81         | 1528.1          |
| 91.5         | 12.84             | 1284°          | 12.84             | 154.56         | 1545.6          |
| 92.0         | 12.91             | 1291°          | 12.91             | 156.32         | 1563.2          |
| 92.5         | 12.98             | 1298°          | 12.98             | 158.09         | 1580.9          |
| 93.0         | 13.05             | 1305°          | 13.05             | 159.87         | 1598.7          |
| 93.5         | 13.12             | 1312°          | 13.12             | 161.66         | 1616.6          |
| 94.0         | 13.19             | 1319°          | 13.19             | 163.46         | 1634.6          |
| 94.5         | 13.26             | 1326°          | 13.26             | 165.27         | 1652.7          |
| 95.0         | 13.33             | 1333°          | 13.33             | 167.09         | 1670.9          |
| 95.5         | 13.40             | 1340°          | 13.40             | 168.92         | 1689.2          |
| 96.0         | 13.47             | 1347°          | 13.47             | 170.76         | 1707.6          |
| 96.5         | 13.54             | 1354°          | 13.54             | 172.61         | 1726.1          |
| 97.0         | 13.61             | 1361°          | 13.61             | 174.47         | 1744.7          |
| 97.5         | 13.68             | 1368°          | 13.68             | 176.34         | 1763.4          |
| 98.0         | 13.75             | 1375°          | 13.75             | 178.22         | 1782.2          |
| 98.5         | 13.82             | 1382°          | 13.82             | 180.11         | 1801.1          |
| 99.0         | 13.89             | 1389°          | 13.89             | 182.01         | 1820.1          |
| 99.5         | 13.96             | 1396°          | 13.96             | 183.92         | 1839.2          |
| 100.0        | 14.03             | 1403°          | 14.03             | 185.84         | 1858.4          |

# CONCORD BEACON MUSE 3000K SSC BLACK

Artikelnummer 2062575

Concord

## General data

|                               |                                     |
|-------------------------------|-------------------------------------|
| Productnaam                   | CONCORD BEACON MUSE 3000K SSC BLACK |
| Technologie                   | LED                                 |
| Lampvoet                      | N/A                                 |
| Behuizing                     | Aluminium                           |
| Montage                       | Railmontage                         |
| Type armatuur (open/gesloten) | Ingesloten                          |
| Algemene toepassing           | Musea & Galeries, Retail, Horeca    |
| Omgevingstemperatuur (°C)     | -10°C...+35°C                       |
| ETIM klasse                   | EC001744                            |
| E-nummer FI                   | 4170395                             |
| Garantie                      | 5 jaar                              |

## Optical data

|                               |           |
|-------------------------------|-----------|
| Lichtstroom                   | 1000      |
| Lumenstroom armatuur (lm)     | 980       |
| Efficiëntie armatuur lm/W     | 55        |
| LOR (%)                       | 100       |
| Kleurtemperatuur (K)          | 3000      |
| Lichtkleur                    | Warmwit   |
| CRI (Ra)                      | 97        |
| Initiële kleurvariatie (SDCM) | SDCM2     |
| Luminous Intensity (cd)       | 980       |
| Bundel breedte (°)            | 55        |
| Type licht distributie        | Symmetric |
| Photobiological Risk Group    | RG1       |

## Electrical data

|  |                             |
|--|-----------------------------|
| Totaal energieverbruik (W)   | 18                          |
| Stroom (A)   | 0.082                       |
| Primaire voedingsspanning min  | 220.0                       |
| Primaire voedingsspanning max  | 240.0                       |
| Lamp arbeidsfactor   | 0.9                         |
| THD (bij 230 V, 50 Hz, volledige belasting, bij 100% dimniveau) ≤ xx.x % | 8.2                         |
| Elektrische beschermingsklasse   | Klasse II                   |
| Type ballast   | LED constante stroom driver |
| Dimbaar  | Yes                         |
| Dimtechnologie   | SylSmart SSC                |
| Minimum dimniveau (%)  | 1                           |
| Stuurstroom driver (mA)  | 500                         |
| Inschakelstroom (A)  | 20                          |
| Duur inschakelstroom (µs)  | 25                          |
| Energie-efficiëntieklasse (A->G) van de lichtbron in dit product         | F                           |
| Nominale frequentie (Hz)   | 50/60Hz                     |
| Max. Armaturen per 10A C automaat  | 50                          |
| Max. Armaturen per 13A C automaat  | 104                         |
| Max. Armaturen per 16A C automaat  | 136                         |
| Max. Armaturen per 20A C automaat  | 166                         |
| Max. Armaturen per 10A B automaat  | 50                          |
| Max. Armaturen per 13A B automaat  | 62                          |
| Max. Armaturen per 16A B automaat  | 80                          |
| Max. Armaturen per 20A B automaat  | 100                         |

## Lifetime data

|  |        |
|--|--------|
| Gemiddelde nominale levensduur - L70 B50 | 100000 |
| Gemiddelde nominale levensduur - L80 B50 | 100000 |
| Gemiddelde nominale levensduur - L90 B50 | 49000  |

# CONCORD BEACON MUSE 3000K SSC BLACK

Artikelnummer 2062575

Concord

## Physical data

|                                |                      |
|--------------------------------|----------------------|
| Kleur behuizing                | RAL 9005 - Jet black |
| IP waarde                      | IP20                 |
| IK waarde                      | IK02                 |
| Afwerking diffusor             | Gezandstraald        |
| Materiaal diffusor             | Overige              |
| Afwerking reflector            | Mat                  |
| Lengte (mm)                    | 215                  |
| Breedte (mm)                   | 80                   |
| Hoogte (mm)                    | 270                  |
| Nominale diameter product (mm) | 80                   |
| Gewicht (kg)                   | 0.94                 |

## Packaging

|                                |                |
|--------------------------------|----------------|
| EAN code                       | 5025768625758  |
| Enkele lengte verpakking (cm)  | 30.5           |
| Enkele breedte verpakking (cm) | 13.5           |
| Hoogte eenheidsverpakking (cm) | 20.5           |
| DUN14 (inner)                  | 05025768625758 |
| Eenheden per omdoos            | 1              |
| Lengte omdoos (cm)             | 30.5           |
| Breedte omdoos (cm)            | 13.5           |
| Diepte omdoos (cm)             | 20.5           |

## Safety data

|  |        |
|--|--------|
| Gloeidraad test (°)                            | 650    |
| Optimale bedrijfsomstandigheden (°C)           | -10-35 |
| Uitsluitend te gebruiken in droge toepassingen | Ja     |