



| Height (m) | Area (m <sup>2</sup> ) | Volume (m <sup>3</sup> ) | Weight (kN) |
|------------|------------------------|--------------------------|-------------|
| 0.0        | 0.00                   | 0.00                     | 0.00        |
| 0.8        | 0.70                   | 0.56                     | 5.60        |
| 1.6        | 2.80                   | 2.24                     | 22.40       |
| 2.4        | 6.30                   | 5.04                     | 50.40       |
| 3.2        | 11.20                  | 9.12                     | 91.20       |
| 4.0        | 16.80                  | 13.44                    | 134.40      |
| 4.8        | 23.10                  | 18.08                    | 180.80      |
| 5.6        | 30.10                  | 23.68                    | 236.80      |
| 6.4        | 37.80                  | 30.24                    | 302.40      |
| 7.2        | 46.20                  | 36.96                    | 369.60      |
| 8.0        | 55.30                  | 43.84                    | 438.40      |
| 8.8        | 65.00                  | 50.88                    | 508.80      |
| 9.6        | 75.30                  | 58.08                    | 580.80      |
| 10.4       | 86.20                  | 65.44                    | 654.40      |
| 11.2       | 97.70                  | 72.96                    | 729.60      |
| 12.0       | 110.00                 | 80.64                    | 806.40      |
| 12.8       | 122.90                 | 88.48                    | 884.80      |
| 13.6       | 136.40                 | 96.48                    | 964.80      |
| 14.4       | 150.50                 | 104.64                   | 1046.40     |
| 15.2       | 165.20                 | 112.96                   | 1129.60     |
| 16.0       | 180.50                 | 121.44                   | 1214.40     |
| 16.8       | 196.40                 | 130.08                   | 1300.80     |
| 17.6       | 212.90                 | 138.88                   | 1388.80     |
| 18.4       | 230.00                 | 147.84                   | 1478.40     |
| 19.2       | 247.70                 | 156.96                   | 1569.60     |
| 20.0       | 266.00                 | 166.24                   | 1662.40     |
| 20.8       | 284.90                 | 175.68                   | 1756.80     |
| 21.6       | 304.40                 | 185.28                   | 1852.80     |
| 22.4       | 324.50                 | 195.04                   | 1950.40     |
| 23.2       | 345.20                 | 204.96                   | 2049.60     |
| 24.0       | 366.50                 | 215.04                   | 2150.40     |
| 24.8       | 388.40                 | 225.28                   | 2252.80     |
| 25.6       | 410.90                 | 235.68                   | 2356.80     |
| 26.4       | 434.00                 | 246.24                   | 2462.40     |
| 27.2       | 457.70                 | 256.96                   | 2569.60     |
| 28.0       | 482.00                 | 267.84                   | 2678.40     |
| 28.8       | 506.90                 | 278.88                   | 2788.80     |
| 29.6       | 532.40                 | 289.92                   | 2899.20     |
| 30.4       | 558.50                 | 301.12                   | 3011.20     |
| 31.2       | 585.20                 | 312.48                   | 3124.80     |
| 32.0       | 612.50                 | 323.92                   | 3239.20     |
| 32.8       | 640.40                 | 335.52                   | 3355.20     |
| 33.6       | 668.90                 | 347.28                   | 3472.80     |
| 34.4       | 698.00                 | 359.20                   | 3592.00     |
| 35.2       | 727.70                 | 371.28                   | 3712.80     |
| 36.0       | 758.00                 | 383.52                   | 3835.20     |
| 36.8       | 788.90                 | 395.92                   | 3959.20     |
| 37.6       | 820.40                 | 408.48                   | 4084.80     |
| 38.4       | 852.50                 | 421.20                   | 4212.00     |
| 39.2       | 885.20                 | 434.08                   | 4340.80     |
| 40.0       | 918.50                 | 447.12                   | 4471.20     |
| 40.8       | 952.40                 | 460.32                   | 4603.20     |
| 41.6       | 986.90                 | 473.68                   | 4736.80     |
| 42.4       | 1022.00                | 487.20                   | 4872.00     |
| 43.2       | 1057.70                | 500.88                   | 5008.80     |
| 44.0       | 1094.00                | 514.72                   | 5147.20     |
| 44.8       | 1130.90                | 528.72                   | 5287.20     |
| 45.6       | 1168.40                | 542.88                   | 5428.80     |
| 46.4       | 1206.50                | 557.20                   | 5572.00     |
| 47.2       | 1245.20                | 571.68                   | 5716.80     |
| 48.0       | 1284.50                | 586.32                   | 5863.20     |
| 48.8       | 1324.40                | 601.12                   | 6011.20     |
| 49.6       | 1364.90                | 616.08                   | 6160.80     |
| 50.4       | 1406.00                | 631.20                   | 6312.00     |
| 51.2       | 1447.70                | 646.48                   | 6464.80     |
| 52.0       | 1489.90                | 661.92                   | 6619.20     |
| 52.8       | 1532.60                | 677.52                   | 6775.20     |
| 53.6       | 1575.90                | 693.28                   | 6932.80     |
| 54.4       | 1619.70                | 709.20                   | 7092.00     |
| 55.2       | 1664.10                | 725.28                   | 7252.80     |
| 56.0       | 1709.10                | 741.52                   | 7415.20     |
| 56.8       | 1754.70                | 757.92                   | 7579.20     |
| 57.6       | 1800.90                | 774.48                   | 7744.80     |
| 58.4       | 1847.60                | 791.20                   | 7912.00     |
| 59.2       | 1894.90                | 808.08                   | 8080.80     |
| 60.0       | 1942.70                | 82                       |             |

844

|                          |                          |
|--------------------------|--------------------------|
| Beam Angle (degree)      | 90                       |
| Luminous Flux (Lumen)    | 1900                     |
| Luminous Efficacy (lm/W) | 100                      |
| Power factor             | >0.90                    |
| Unified Glare Rating     | < 23 - for general areas |
| Optical Cover            | Opal                     |
| Product Type Category    | LED Downlight            |

## Fixture Information

|                        |                        |
|------------------------|------------------------|
| Mounting Method        | Recessed               |
| Cut out (mm)           | 205                    |
| IP-rating              | IP44                   |
| Impact Protection (IK) | IK03 - 0.35 joule      |
| Operating Temperature  | -20 to +40             |
| Housing                | Aluminium              |
| Colour of the Fixture  | White                  |
| Fixture Connection     | PI [Push-in connector] |

## Dimensions

|               |     |
|---------------|-----|
| Height (mm)   | 23  |
| Diameter (mm) | 217 |

## Sensor Information

Type of sensor No Sensor



Order from the **largest lighting specialist** in Europe



**Customised** quotation



Up to **7 years warranty**



**Easy** return process