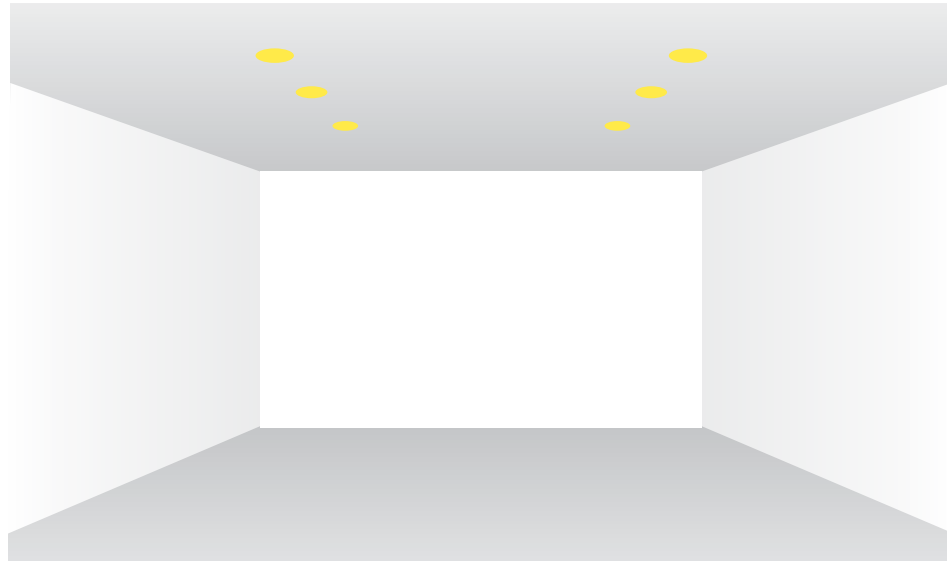


100 ProTools Multiple Downlight - Grid Set Out

WG 100SPTD, WG 100RPTD, WG 100SPTDL, WG 100RPTDL, WG 100SPTDLX, WG 100SPTDLX



Plaster Trim and Bezel Trim fixed, wall wash and adjustable downlights with various cover options and accessories creating a flexible and versatile range of luminaires with a single consistent minimal appearance throughout.

A downlight can be used to deliver general light over a broad area, or a focusing beam of concentrated light. Suitable for general area lighting in single units, grid patterns or groups as well as focusing lighting and task oriented application.

This design guide provides the average light levels which can be expected at floor level from a grid of downlights at the ceiling heights shown, and relative to the performance of each luminaire.

Refer to the diagram on the left, select your luminaire, ceiling height and set out, and read off the light level achieved in the table below.

Calculated in a 6.1m x 6.1m room size and on the following basis:

Reflectances

Ceiling 70%
Walls 50%
Floor 20%

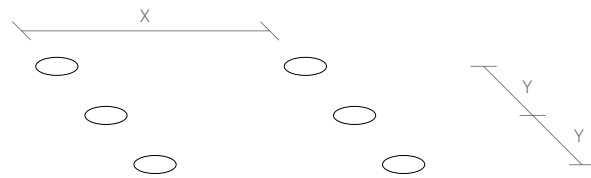
Maintenance factor

1.0

LED

High Power
3000 Kelvin
90 CRI

Light Levels



The diagram and table can be read to establish light levels achieved when luminaires are set out at the dimensions indicated, at the ceiling heights shown.

| Product Code | Beam Spread |
|----------------------------|----------------|
| WG 100SPTD, WG 100RPTD | - 90° |
| WG 100SPTDL, WG 100RPTDL | - 32° - 41° |
| WG 100SPTDLX, WG 100SPTDLX | - 32° - 41° |

X = luminaire spacing centre to centre
Y = distance between rows

Calculation Results

| Fixtures | Power | Beam | Accessory | Ceiling Height | Y | X | | | |
|---|---------------|--------|---------------|----------------|--------|--------|--------|--------|-----|
| | | | | | | 1220mm | 1830mm | 2440mm | |
| WG 100SPTD, WG 100RPTD | 1512lm* | 90° | Flush Lens | 2700mm | 1220mm | 460 | 380 | 340 | |
| | | | | | | 1830mm | 380 | 320 | 280 |
| | | | | | | | 2440mm | 340 | 280 |
| | | | | 3650mm | 1220mm | 350 | 300 | 270 | |
| | | | | | | 1830mm | 300 | 270 | 230 |
| | | | | | | | 2440mm | 270 | 230 |
| WG 100SPTDL, WG 100RPTDL, WG 100SPTDLX, WG 100SPTDLX | 2027lm* | 32° | Open Aperture | 2700mm | 1220mm | 330 | 320 | 290 | |
| | | | | | | 1830mm | 320 | 300 | 280 |
| | | | | | | | 2440mm | 300 | 280 |
| | | | | 3650mm | 1220mm | 300 | 290 | 270 | |
| | | | | | | 1830mm | 290 | 280 | 260 |
| | | | | | | | 2440mm | 270 | 260 |
| 41° | Open Aperture | 2700mm | 1220mm | 320 | 310 | 280 | | | |
| | | | | 1830mm | 300 | 290 | 270 | | |
| | | | | | 2440mm | 280 | 270 | 250 | |
| | | 3650mm | 1220mm | 290 | 280 | 250 | | | |
| | | | | 1830mm | 280 | 260 | 240 | | |
| | | | | | 2440mm | 250 | 240 | 220 | |

100 ProTools D Downlight
All Covers

100 ProTools DL Downlight
All Covers

100 ProTools DL Adjustable
All Covers

100 ProTools DLX Downlight
All Covers

Product Details

76-77

Product Details

82-85

Product Details

88-93

Product Details

94-99

Values in Lux