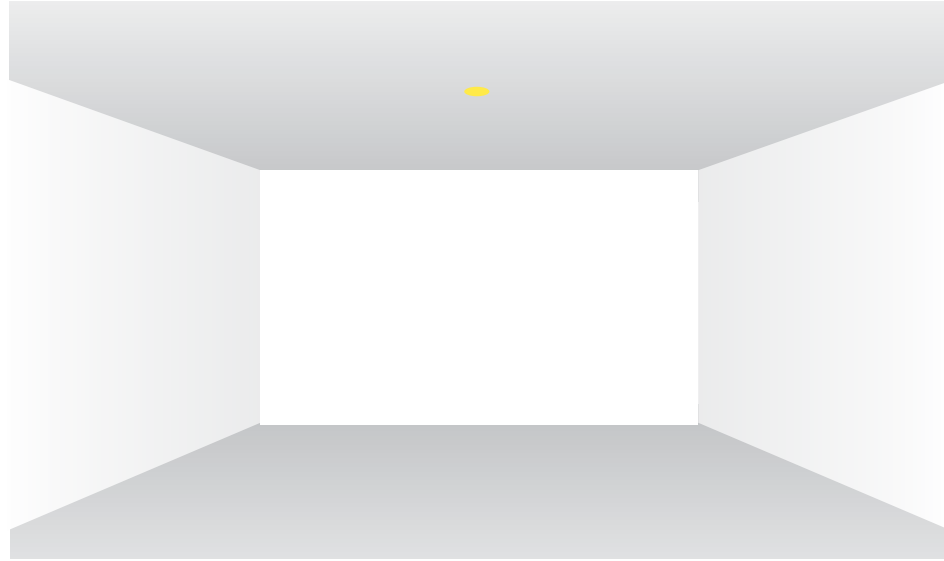


60 General Downlight Regressed Cone - Performance

WG 60RGDL-RBT-RC



Bezel Trim fixed downlights with various cover options for regressed lens, flush lens and wall wash.

A fixed downlight can be used to deliver general light over a broad area (with a flush lens for example), or a more focusing beam of light (from the regressed lens).

The GDL family of luminaires has been developed to offer simple and cost effective lighting wherever it is needed. Simple to install and with simple aesthetics, it's a luminaire which gets the job done with the minimum of fuss.

We have provided here performance data based on the most popular and versatile option: the Regressed Cone.

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

Calculated on the following basis:

Reflectances

- Ceiling 70%
- Walls 50%
- Floor 20%

Maintenance factor

1.0

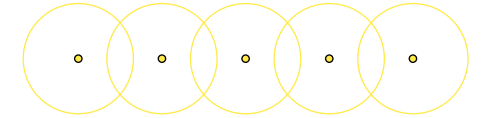
LED

- Medium Power
- 3500 Kelvin
- 80 CRI

How to create 'Even Illumination' in a space:

The beam angle of a single luminaire is defined by its Half Peak Intensity*. We can use this to create even illumination in a space.

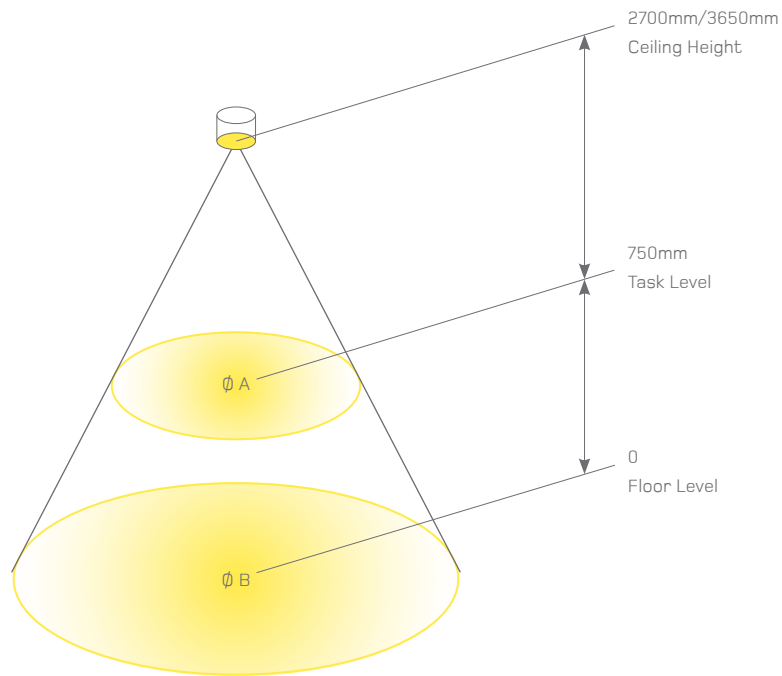
Arrange luminaires equally. Use the centre of the luminaire as a base and ensure that neighboring beam spreads touch or slightly overlap.



*The point at which the beam reaches half of the intensity relative to the centre of its beam.

Average Light Levels

Calculation Results



The diagram shows the average light level achieved, across an area the size shown, at the given distance from a single luminaire.

Product Code Beam Spread

WG 60RGDL-RBT-RC - 74°

Fixtures	Power	Beam	Accessory	Ceiling Height	Ø A	Task Level (750mm) Average	Ø B	Floor Level (0) Average
WG 60RGDL-RBT-RC	965lm*	74°	ClearTextured Lens	2700mm	Ø 2700mm	530 Lux	Ø 3960mm	260 Lux
				3650mm	Ø 4260mm	300 Lux	Ø 5490mm	160 Lux

Values in Lux

**60 General Downlight
Round Regressed Cone**

Product Details

71