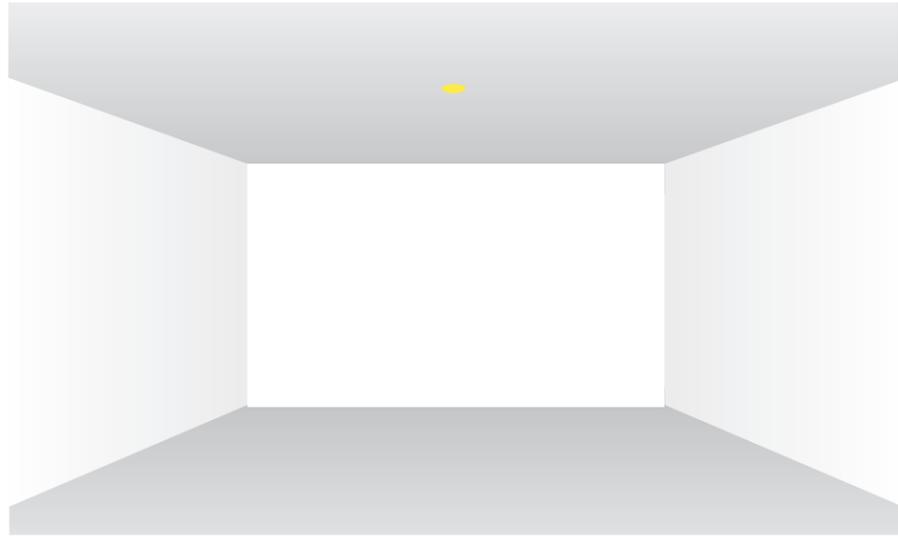


2.4" General Downlight Regressed Cone - Performance

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 focused 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%

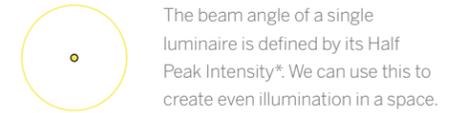
Maintenance factor

1.0

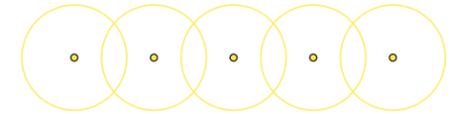
LED

Medium Power
3500 Kelvin
80 CRI

How to create 'Even Illumination' in a space:

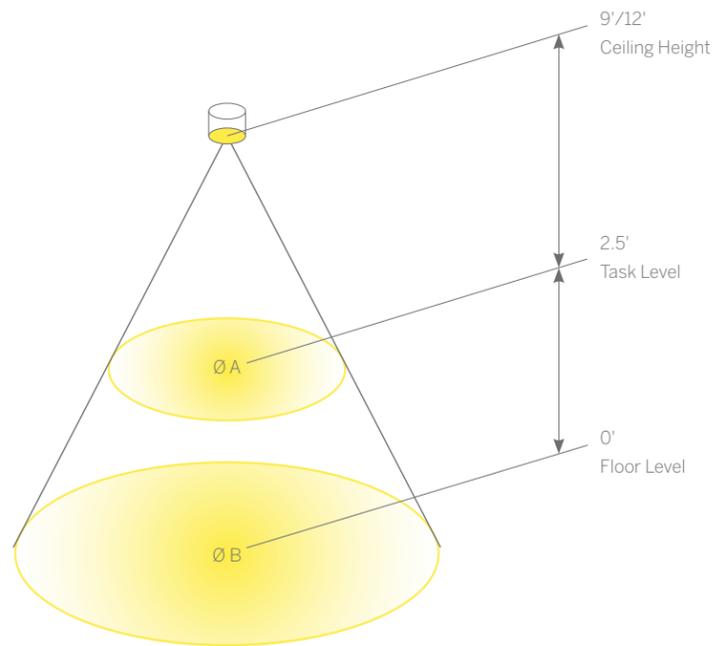


Arrange luminaires equally. Use the center of the luminaire as a base and ensure that neighboring beam spreads touch or slightly overlap.



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

Average Light Levels



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°

Calculation Results

Fixtures	Power	Beam	Accessory	Ceiling Height	Ø A	Task Level (2.5') Average	Ø B	Floor Level (0') Average
WG 60RGDL-RBT-RC	965lm*	74°	ClearTextured Lens	9.0'	Ø 9'	5.3 fc	Ø 13'	2.6 fc
				12.0'	Ø 14'	3.0 fc	Ø 18'	1.6 fc

Values in Foot Candles

2.4" General Downlight Round Regressed Cone

Product Details

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