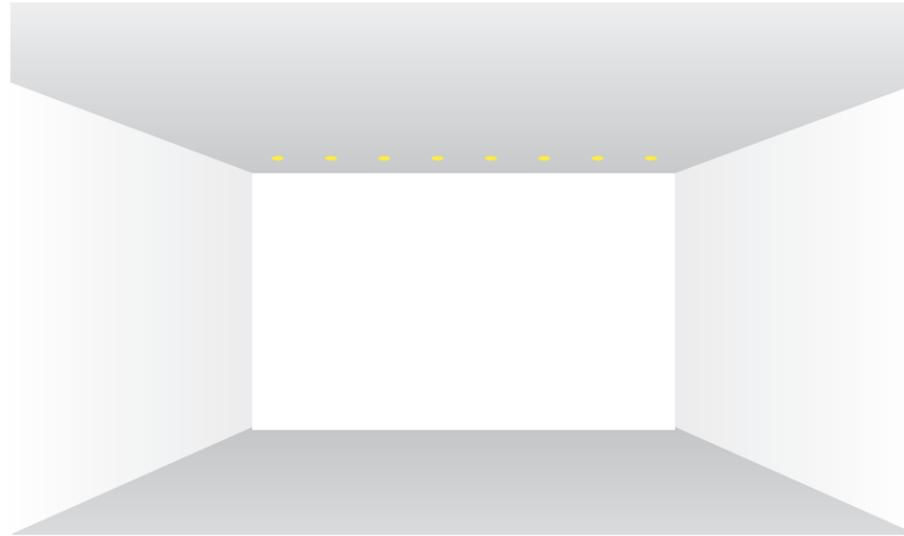


## 2.4" General Downlight Flush - High Angle Illumination

WG 60RDL-RBT-FD



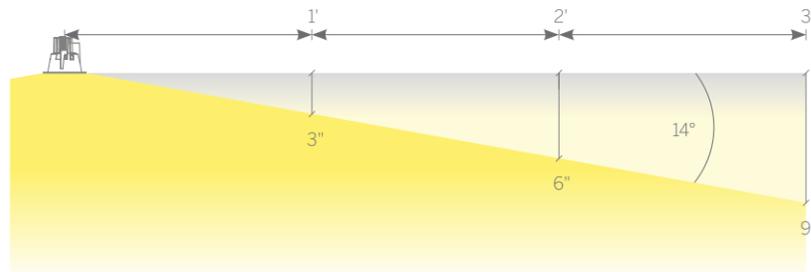
GDL Flush is a versatile luminaire with a Satin Opal diffuser which is flush with the ceiling line.

The Flush Diffuser provides excellent high angle light characteristics. Although it is not intended as a dedicated wall wash luminaire, it can provide good illumination to nearby vertical surfaces as well as providing excellent ambient light throughout a space.

This design guide provides all the information needed to work out exactly how much light can be expected to be delivered to a wall and the floor below, relative to the distance from the wall surface, and the center to center spacings of the luminaires.

### Angle of Illumination / High Angle Lighting Performance

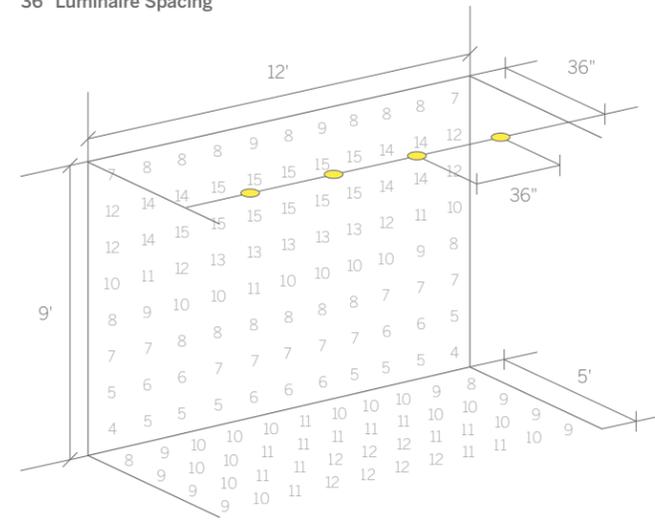
WG 60RDL-RBT-FD



The diagrams show the point at which the contrast between the lit and the unlit vertical surface occurs as a soft transition line, at various distances from the luminaire.

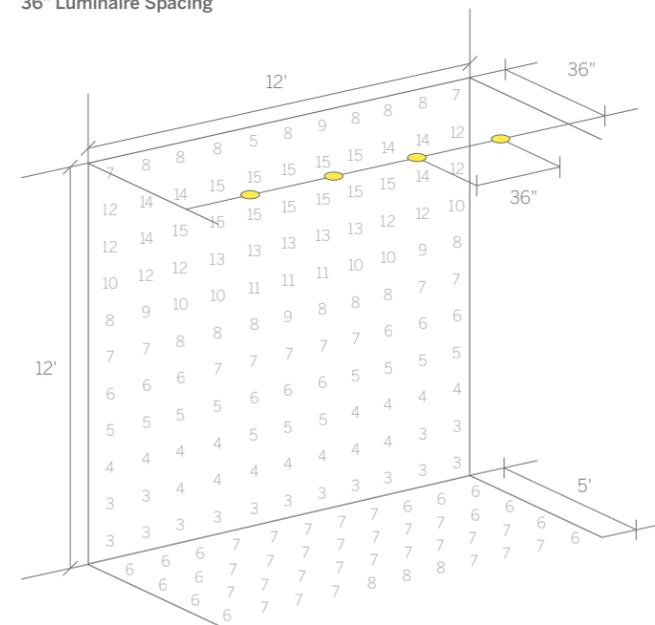
Values in feet & inches

### 9' Ceiling, Typical 36" Offset, 36" Luminaire Spacing



This page shows typical offsets and luminaire spacings and the resulting illumination which can be expected on the wall and floor. The following page shows results at different offsets and luminaire spacings.

### 12' Ceiling, Typical 36" Offset, 36" Luminaire Spacing



Values in Foot Candles

Calculated on the following basis:

Reflectances	Maintenance Factor	LED	Diffuser
Ceiling 70%	1.0	965lm*	Flush Frosted
Walls 50%		3500 Kelvin	
Floor 20%		80 CRI	

**2.4" General Downlight  
Round Flush Diffuser**

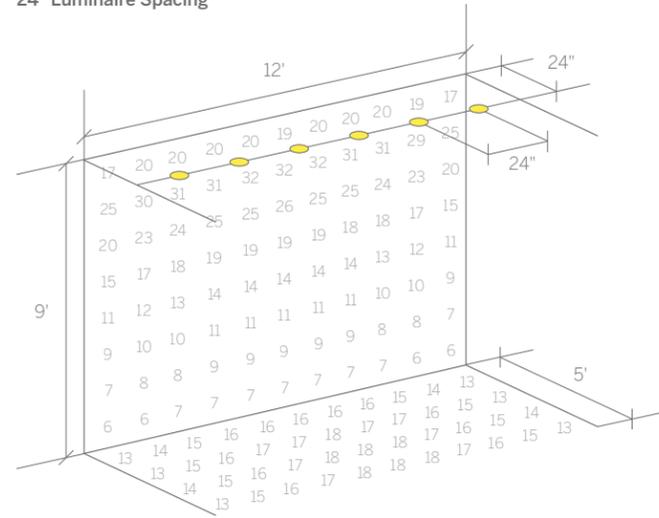
Product Details

71

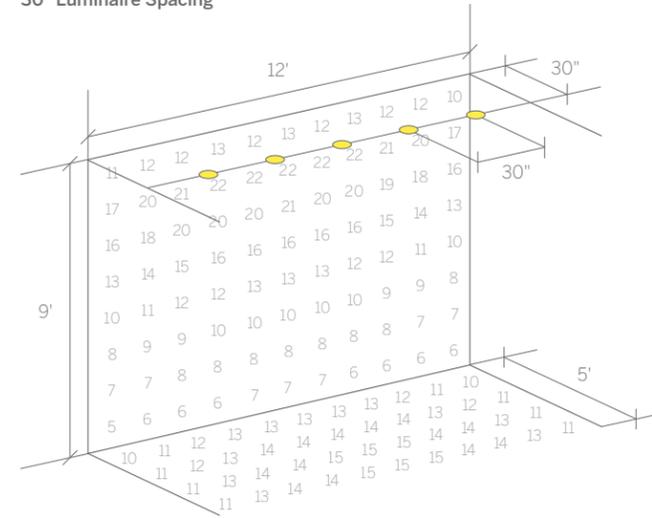
## 2.4" General Downlight Flush - High Angle Illumination

WG 60RDL-RBT-FD

9' Ceiling, Optimal 24" Offset,  
24" Luminaire Spacing

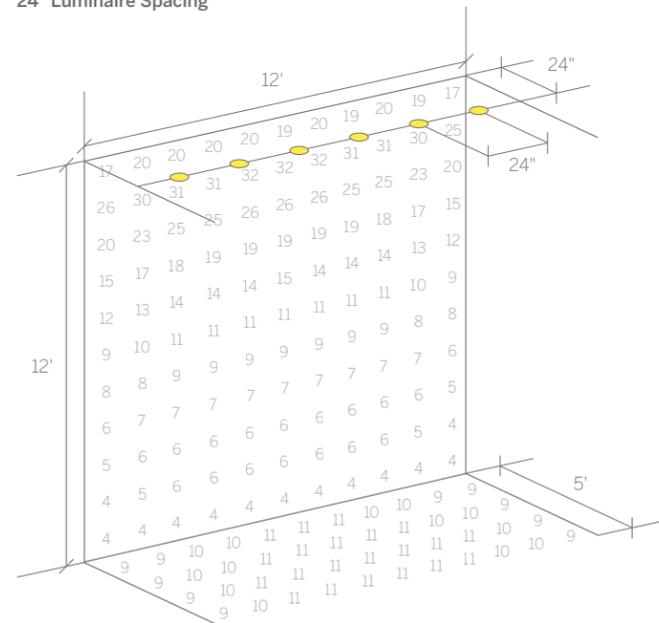


9' Ceiling, Optimal 30" Offset,  
30" Luminaire Spacing

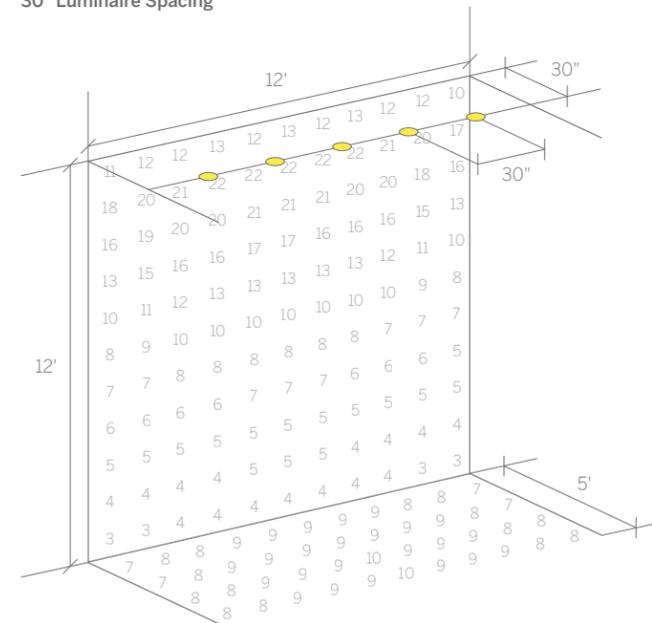


This page shows what we feel are the optimal offsets and luminaire spacings to achieve even illumination.

12' Ceiling, Optimal 24" Offset,  
24" Luminaire Spacing



12' Ceiling, Optimal 30" Offset,  
30" Luminaire Spacing



Values in Foot Candles

Values in Foot Candles

Calculated on the following basis:

2.4" General Downlight  
Round Flush Diffuser

Reflectances	Maintenance Factor	LED	Diffuser
Ceiling 70%	1.0	965lm*	Flush Frosted
Walls 50%		3500 Kelvin	
Floor 20%		80 CRI	

Product Details

71

\*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.