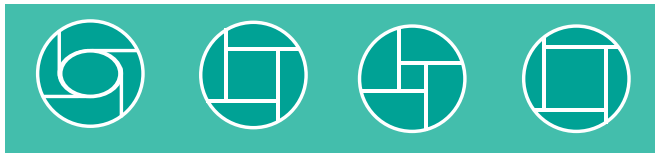
OPTIK



downlights

INSTRUCTIONS

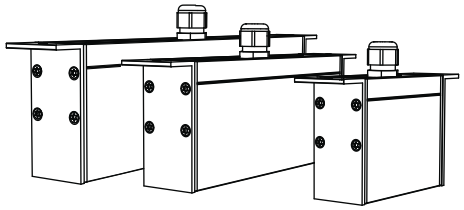
Caution:

- Luminaires are precision products and must be handled with extreme care. Incorrect handling can damage their internal electronics or compromise their integrity
- Luminaires must only be exposed to a temperature range between 41°F and 104°F degrees throughout their life
- Luminaires and drivers must be isolated from electrostatic charges (ESD) and lightning strikes
- Luminaires must only be used with cables approved by Xero Lighting
- Luminaires are not site serviceable and should not be opened on site as this will compromise the IP rating. All servicing must be carried out off site by Xero Lighting

If more information is required please contact you local representative by going to xerolightingusa.com/contact or email us at headoffice@xerolighting.com

XERO
Linear Lighting Systems

OPTIK Downlight instructions | SURFACE MOUNT



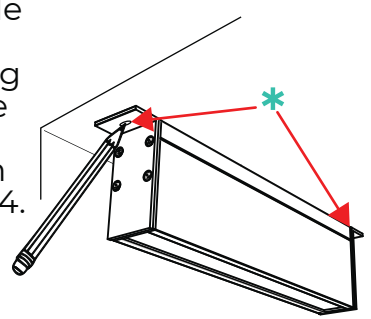
Determine which OPTIK downlight variant you have 12, 8 or 4 cell IP66 or 12, 8 or 4 cell IP20.

1

Determine Mounting Location

2

Mark out two hole centres on the desired mounting surface using the centre to centre dimensions from the table in part 4. Alternatively you may use the luminaire as a marking template.



3

Centre to Centre Hole Dimensions			
	12 Cell	8 Cell	4 Cell
IP66	**12.6"**	**8.85"**	**5.11"**
IP20	**12.4"**	**8.62"**	**4.88"**

4

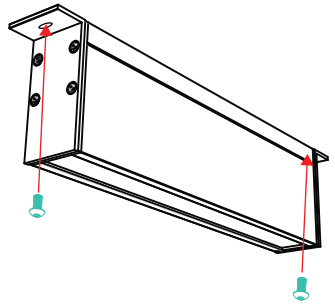
A. Centred between the two holes marked in the previous step, create a 27 mm diameter clearance hole. This is for the gland on the back of the luminaire.

B. Detach the luminaire from the driver and feed the flex into the gland clearance hole.

5

Use a fastener suited to the ceiling substrate to secure the luminaire in place.

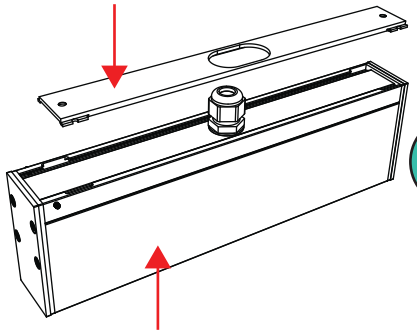
And reconnect the luminaire to its driver.



6

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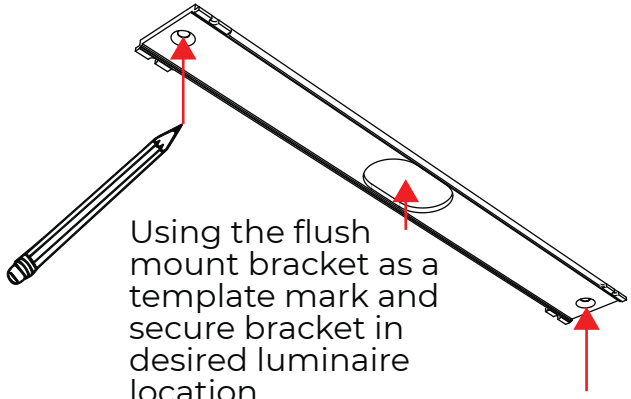
Ensure you have the flush mount bracket and luminaire with corres-ponding notches on the back.



1

Determine Mounting Location

2



Using the flush mount bracket as a template mark and secure bracket in desired luminaire location.

3

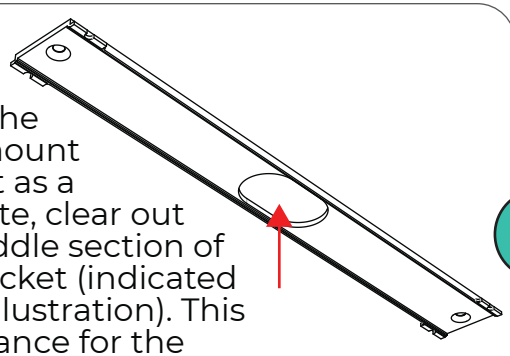
1. **IP66 version**, the luminaire will sit 6 mm from the end of one side of the flush bracket.

2. **IP20 version,** the luminaire will sit 3 mm from the end of one side of the bracket.

3. Luminaire's orientation along the bracket can be flipped, so pick a side of the flush bracket as your references for the above notes.

4

Using the flush mount bracket as a template, clear out the middle section of the bracket (indicated in the illustration). This is clearance for the gland on the back of the luminaire.

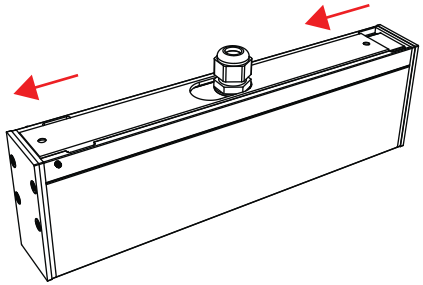


5

Once the flush mount bracket is secured and middle slot cleared, detach the luminaire from the driver and feed the flex into the gland clearance slot.

6

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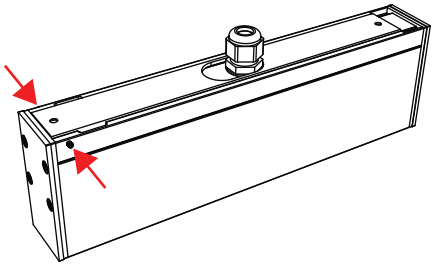


Line up luminaire back cut outs with the flush bracket and slide across.

7

Tighten grub screw on both sides until the screw is flush with the body.

And reconnect the luminaire to its driver.

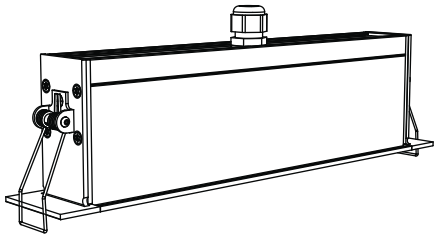


Note: If accessibility is an issue one grub screw will hold the luminaire in place.

8

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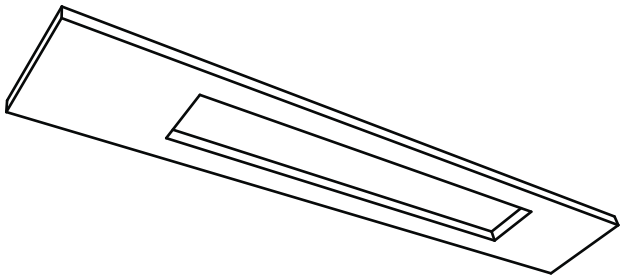
OPTIK Downlight instructions | RECESSED MOUNT



Determine which OPTIK downlight variant you have 12, 8 or 4 cell IP66 or 12, 8 or 4 cell IP20.

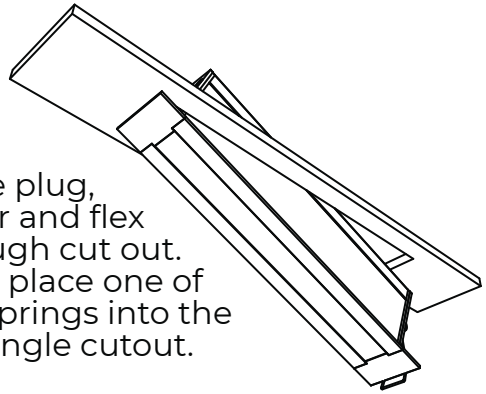
1

Cut a rectangle in the ceiling at 47mm wide and with a length depending on your luminaire variant (see the table below).



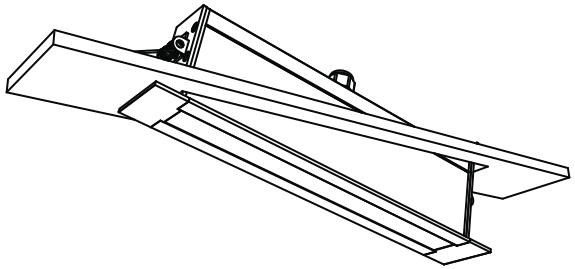
Cut Out Length			
	12 Cell	8 Cell	4 Cell
IP66	**12.9"**	**9.13"**	**5.40"**
IP20	**12.67"**	**8.90"**	**5.15"**

2



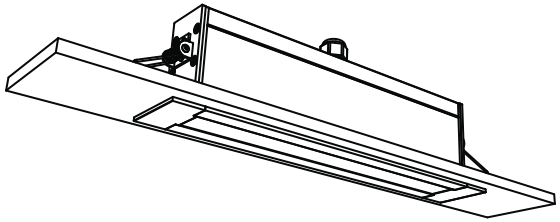
Place plug, driver and flex through cut out. Then place one of the springs into the rectangle cutout.

3



Fold back the other spring to its maximum retraction and place it into the rectangular cut out.

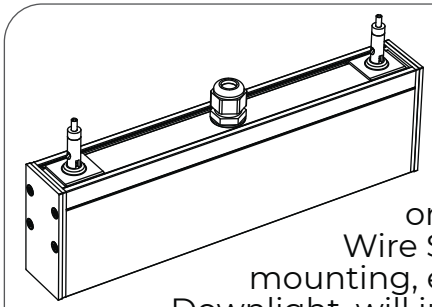
4



Spring will snap back to hold the luminaire in place. Centre luminaire in rectangle cut out to ensure seamless look.

5

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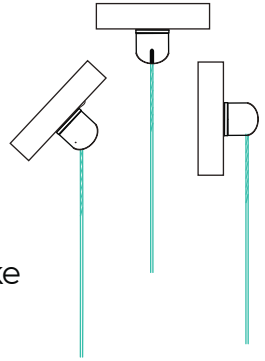


When ordered with Wire Suspension mounting, each OPTIK Downlight, will include pre-assmebled wire suspension components.

1

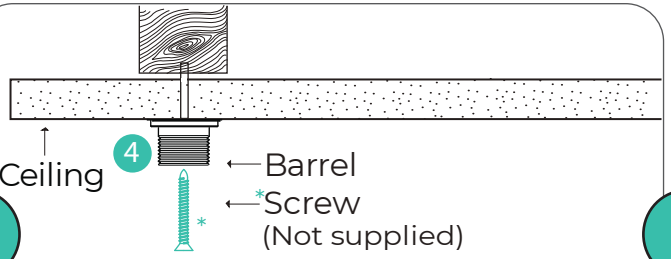
Determine Mounting Location

2



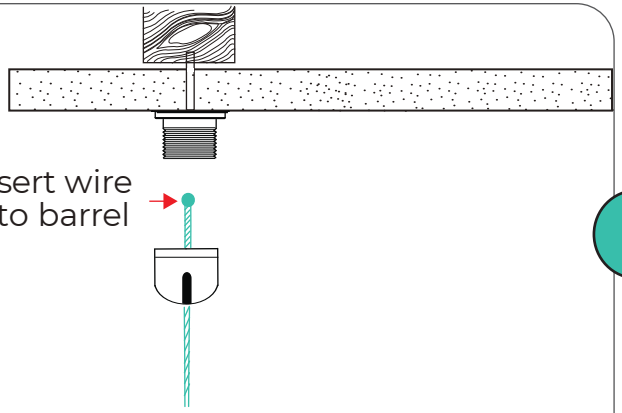
Can be mounted on flat ceiling, rake ceiling and wall.

3

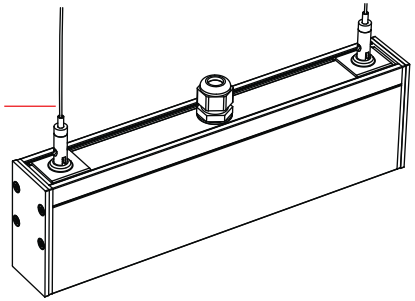


Screw Rollerball to mounting surface.

4



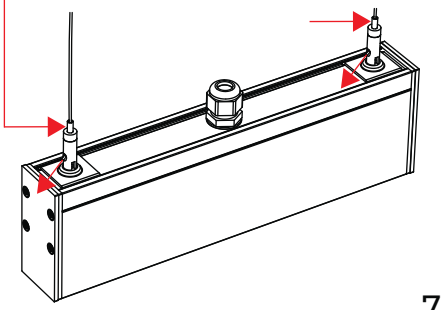
5



6

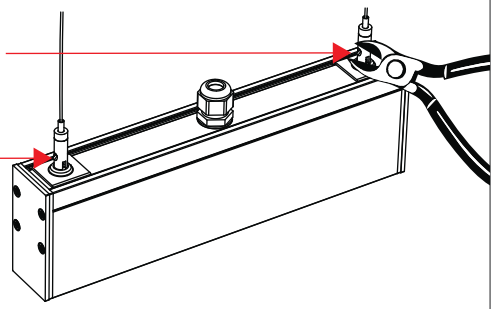
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adjust height with clutch.



7

Trim of excess once level.



8

Connect luminaire to mains power.

9

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