

XERO  
TECHNOLOGY  
INFRASTRUCTURE



# XTI | 1.5 OPTIK Slot IK11 | IP66

Metric | 42 x 87mm  
Imperial | 1.65" x 3.42"

## THIS IS A PROJECT PRODUCT

Thank you for considering this project product. Please note that this product may require a longer lead time and a minimum order quantity. For more detailed information on this profile, we recommend speaking with your local Xero Specification Consultant. Visit [xerolighting.com/contact](http://xerolighting.com/contact) for further assistance.

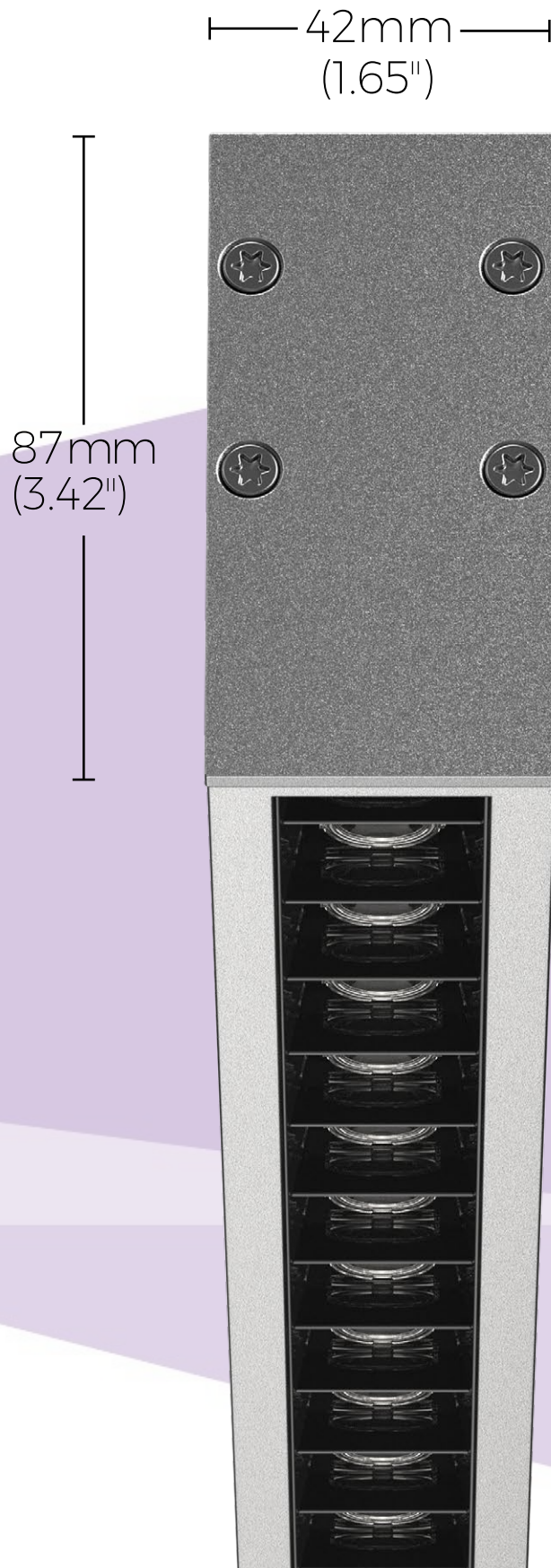


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# XTI | 1.5 OPTIK Slot

IP66 | IK11



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## IP66 | IK11

DATA TABLE

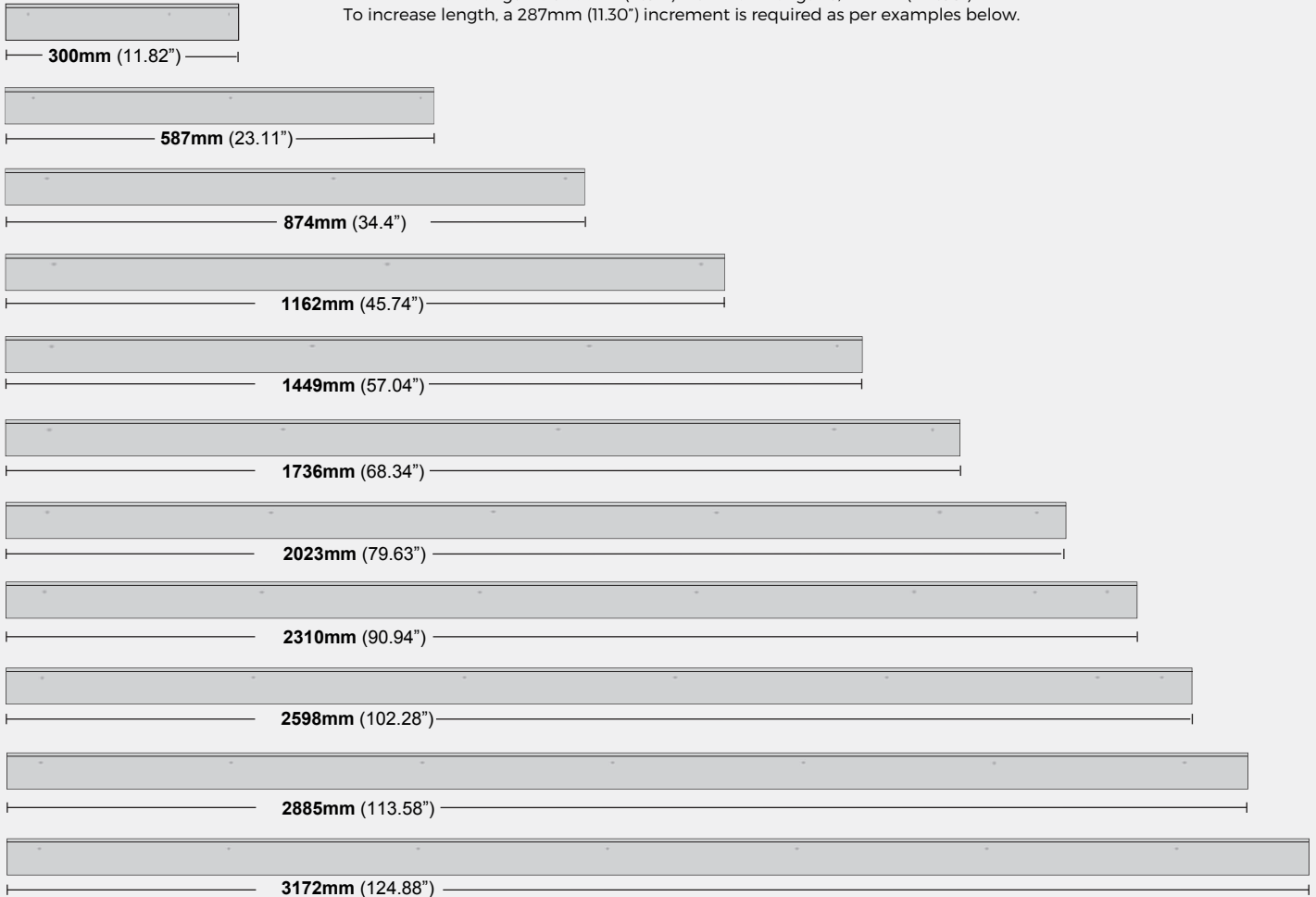
| Output     | 4 Ft Length<br>1120mm         | Luminous Flux<br>(Delivered Lumens) | LO<br>1900                                                                                                                                                 | HO<br>3500 |  |
|------------|-------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--|
|            | Xeramix                       | CRI:<br>Lumen Maintenance:          | 80+<br>114,000 Hours ( L90 B10 @ 50° ) 1M hours (L70 B10 @50°C)                                                                                            |            |  |
| Warranty   | Xeramix                       |                                     | Xeramix I = 10 years                                                                                                                                       |            |  |
| Electrical | Power Consumption             |                                     | Between 20 and 45w/m                                                                                                                                       |            |  |
|            | Voltage input range           |                                     | 120 - 277V                                                                                                                                                 |            |  |
|            | Control methods               |                                     | Dimming options for white light: 0-10V DALI,                                                                                                               |            |  |
|            | Total harmonic distortion THD |                                     | 9.8% max                                                                                                                                                   |            |  |
|            | Approvals                     |                                     | UL / CE / CCC / AS:NZS / EMC                                                                                                                               |            |  |
| Physical   | Dimensions                    |                                     | 42mm (1.65") Wide x 87mm (3.42") High                                                                                                                      |            |  |
|            | Weight per metre              |                                     | 3.50Kg (7.7lbs) average weight                                                                                                                             |            |  |
|            | Housing                       |                                     | Aluminium Extrusion with silver powder-coat or selected powder-coated finish                                                                               |            |  |
|            | Diffuser                      |                                     | Polycarbonate Diffuser/ Clear Polycarbonate Diffuser / Internal anti-glare baffle                                                                          |            |  |
|            | Connections                   |                                     | Optional polarised electrical connection between sections                                                                                                  |            |  |
|            | Compatible ceiling type       |                                     | Suitable for drywall ceilings, metal pan, concrete, timber and T bar grid ceilings                                                                         |            |  |
|            | Mounting                      |                                     | Field adjustable Rollerball Wire Suspensions / Surface Mounting / Custom Mounting / Rod Suspension / Wall Mounting                                         |            |  |
|            | Joiner options                |                                     | 90° / Straight / Custom                                                                                                                                    |            |  |
|            | Operating temperatures        |                                     | Xeramix -25°C to 50°C (-13°F to 140°F)                                                                                                                     |            |  |
|            | Environment                   |                                     | Luminaire IP66 (Not in direct sunlight, diffuser must not face upwards)                                                                                    |            |  |
|            | IK rating                     |                                     | IK11                                                                                                                                                       |            |  |
|            | Minimum length adjustment     |                                     | Xeramix = 1mm (with cover plates) / (using OPTIK only = 287mm)                                                                                             |            |  |
|            | LED Board types               |                                     | Xeramix I boards 287mm Zhaga compatible                                                                                                                    |            |  |
|            | Vandal Proof                  |                                     | Available with Anti-Vandal Fasteners                                                                                                                       |            |  |
|            | Optional Extras               |                                     | Lanyards / Emergency packs / Environmental Plugs / Thermal throttle / IOT connectivity,                                                                    |            |  |
|            | Optic Beam Angles             |                                     | Optic distributions are available in Oval Beam Wall Washer, 18° Spot Beam, 28° Medium Beam, 52° Asymmetric Wide Beam, 64° Wide Beam, and 60° Batwing Beam. |            |  |

# XTI | 1.5 OPTIK Slot

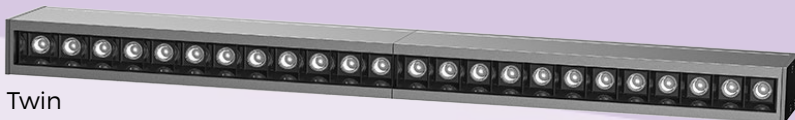
## IP66 | IK11

### XTI AVAILABLE LENGTHS

Minimum length is 300mm (11.82") Maximum length 3,172mm (124.88")  
To increase length, a 287mm (11.30") increment is required as per examples below.



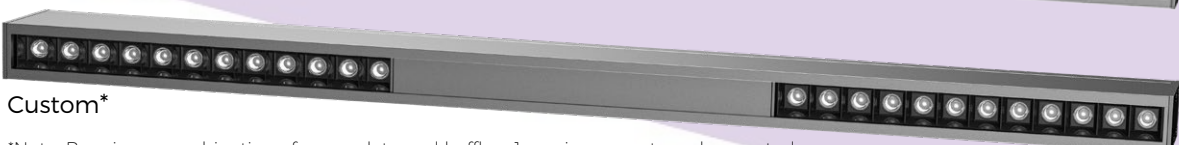
Single



Twin



Triple



Custom\*

\*Note: By using a combination of cover plate and baffle a 1mm increment can be created.  
Talk with you local Xero Specification Consultant for your custom design options.

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XTI | 1.5 OPTIK WF Recessed  
(Wide Flange)  
IP66 | IK11

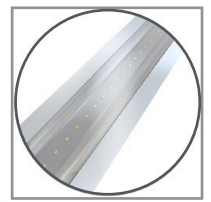
## Optical control

### Optic lens beam options



Optic Beam Wall Washer  
60° Batwing Beam  
64° Wide Beam  
52° Asymmetric Wide Beam  
28° Medium Beam  
18° Spot Beam

### diffuser option



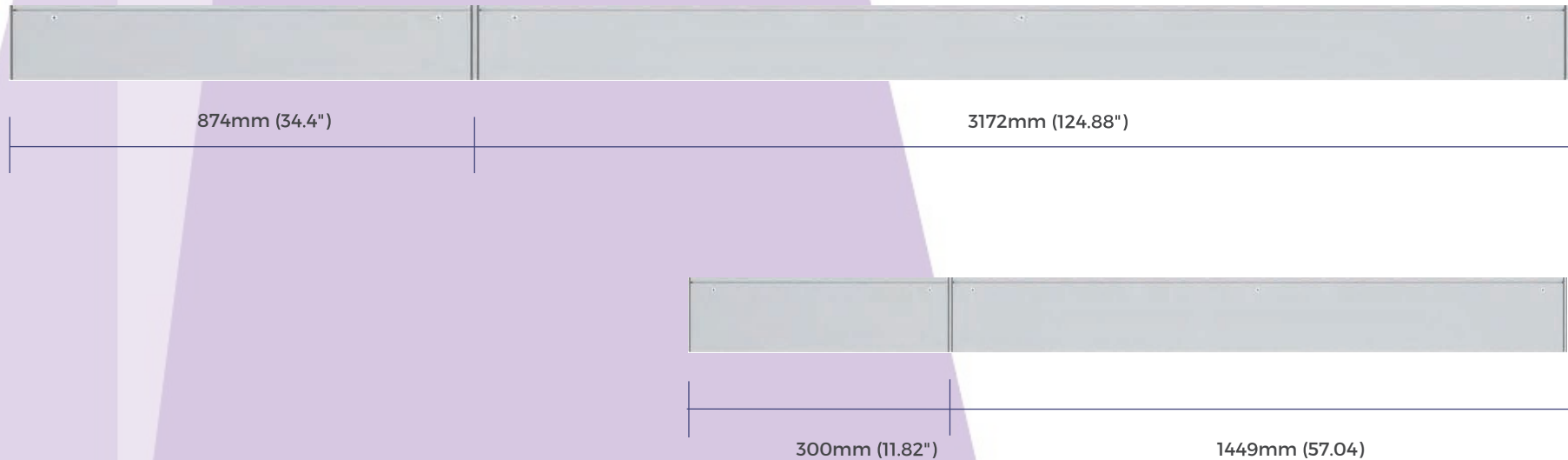
Clear  
Polycarbonate

## Accessories



Vandal proof  
option

### SOME EXAMPLES OF STANDARD LENGTH COMBINATION



## CREATING LENGTHS WITH XTI | 1.5 Slot IP66 IK11

The XTI | 1.5 IP66 IK11 set lengths can be coupled together in any combination to achieve the desired length.

Note: custom lengths are also available – please consult your local Xero office for information

The XTI | 4.0 IP66 IK11 set lengths can be coupled together in any combination to achieve the desired length.

### CUSTOM LENGTHS

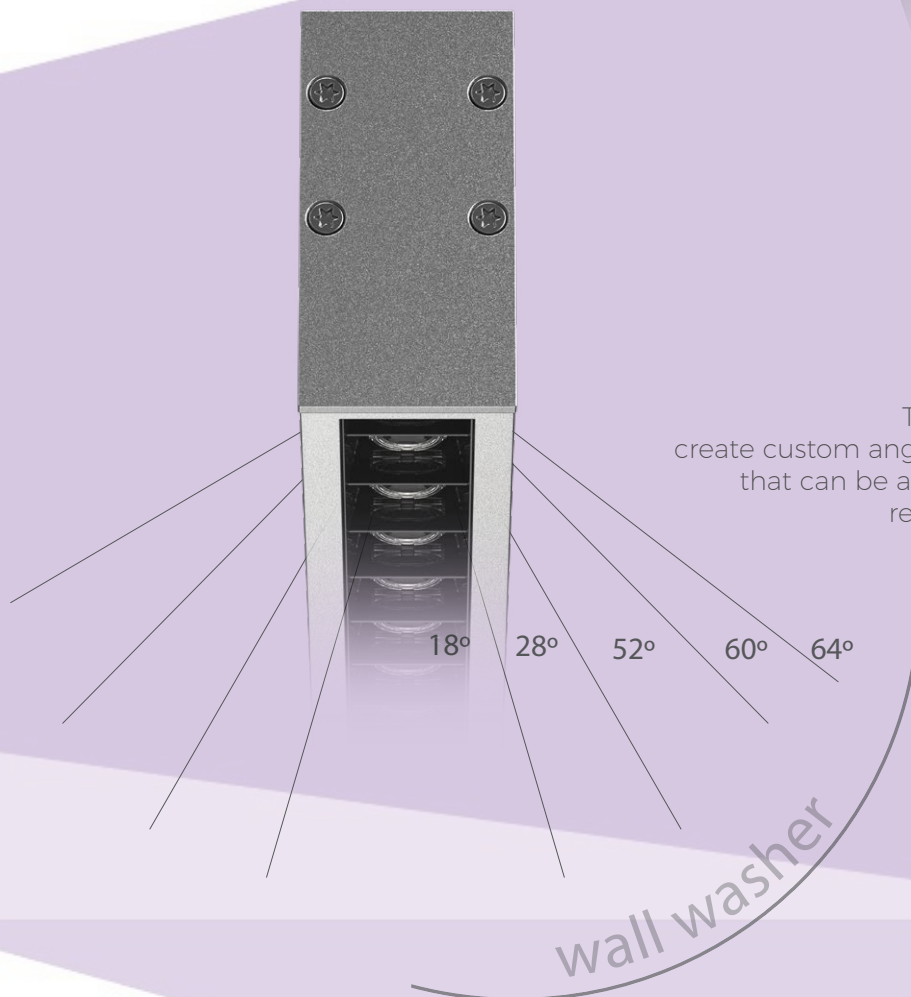
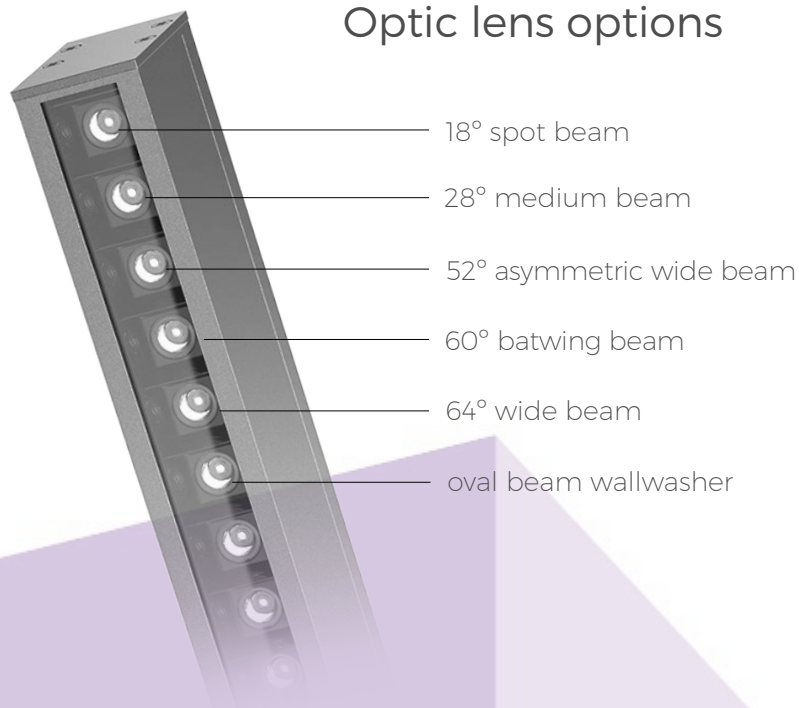
Custom lengths are available in 0.984" (25mm) increments

XTI | 1.5 Slot  
IP66 | IK11

## Individually selectable optics

The OPTIK module lenses come as standard with one variant lens per each module of 12. Although each lens can be individually configured and customised to suit your desired light configuration.

## Optic lens options



## Beam angles

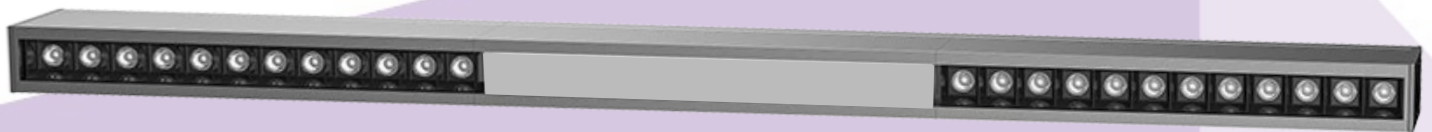
The OPTIK profile gives you the ability to create custom angles to suit specific design requirements that can be applied to various applications including retail, office and residential environments

XTI | 1.5 Slot  
IP66 | IK11

## OPTIK profile configurations

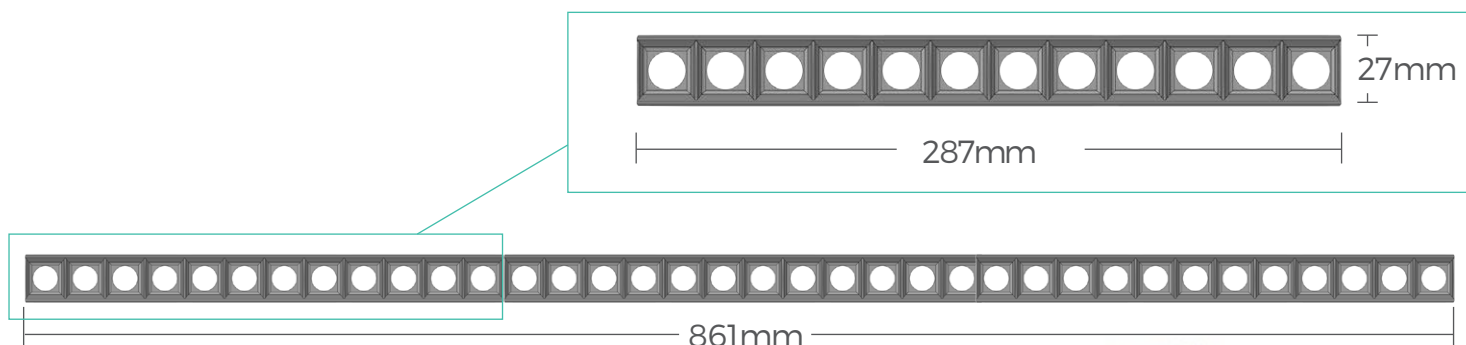


Continuous Optic Modules



Optic modules with 'blank cover' in between.

## Dimensions of baffle



The OPTIK baffle can be arranged in a maximum of three modules

## bend options



135°



cross 90°



tee 90°



custom



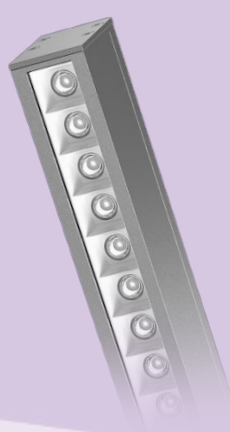
corner 90°



ceiling to wall

## optics

The XTI 1.5 profile come with many diffuser options for glare control in any application



White baffle



Black baffle