

UNDERScore INOUT

Side Bend 10 - Remote - RGB

Project: _____
 Type: _____



Underscore InOut is a flexible continuous linear system for exterior applications, engineered for extreme conditions. This flexible system allows freedom of design on surface of any shape and size. Underscore InOut is the right solution where direct diffuse distribution is desired.

PHOTOMETRIC SUMMARY

LED	Lumens (lm/ft)	Efficacy (lm/W)	Max Candela (cd/ft)
RGB	20	7	4

Consult [page 6](#) for full photometric data.

FINISH OPTIONS

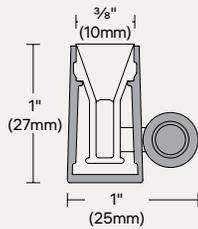


Consult factory for custom finishes

OPTIC OPTIONS



LOW CLEARANCE AVAILABLE ONLY



FEATURES

- DALI/DMX (120-277V) [page 2](#)
- Additional sizing for top bend: *16mm, 16mm (HO)*
 Additional sizing available for side bend: *16mm*
- Consult factory for further customization
- Full specification available [page 7](#)



ORDERING INFO

PRODUCT CODE

EXAMPLE: IU10-S-RGB-0.8-AL-A-01

MODEL	BEND	LED	LENGTH	MOUNTING	FEED	FINISH
IU10 Underscore InOut 10mm	S Side Bend	RGB RGB Led	Refer to configurations table on page 3 . Select matching length from the dropdown menu. Use scroll bar for more options.	LOW CLEARANCE		
				AL Aluminum Low Support Clips	A Left Feed (115mm)	01 White
				CL Stainless Steel Low Support Clips	B Left Feed (1500mm)	
				LP Aluminum Low Profile	C Left Feed (3000mm)	
					F Left Feed (5000mm)	
					D Right Feed (115mm)	
					E Right Feed (1500mm)	
					N No Feed (For In-Line Modules)	

CONNECTION ACCESSORY CODE EXAMPLE: 4543

CONNECTION ACCESSORIES

4543
 Wet location connection box
 For cable Ø 3/16" to 7/16" (4mm to 11mm)

DRIVER CODE EX.: 4549-0024-100-UNV-LDMX/DA

DRIVER

Driver options are available on [page 2](#).

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REMOTE LED DRIVER OPTIONS

DRIVER CODE EXAMPLE: 4549-0024-100-UNV-LDMX/DA

INDOOR RATED DRIVER BOX MODELS	WATTAGE REQUIREMENT PER FEET
	RGB
4449-0024-100-UNV-LDMX/DA	2.6W/ft

OUTDOOR RATED DRIVER BOX MODELS	WATTAGE REQUIREMENT PER FEET
	RGB
4549-0024-100-UNV-LDMX/DA	2.6W/ft

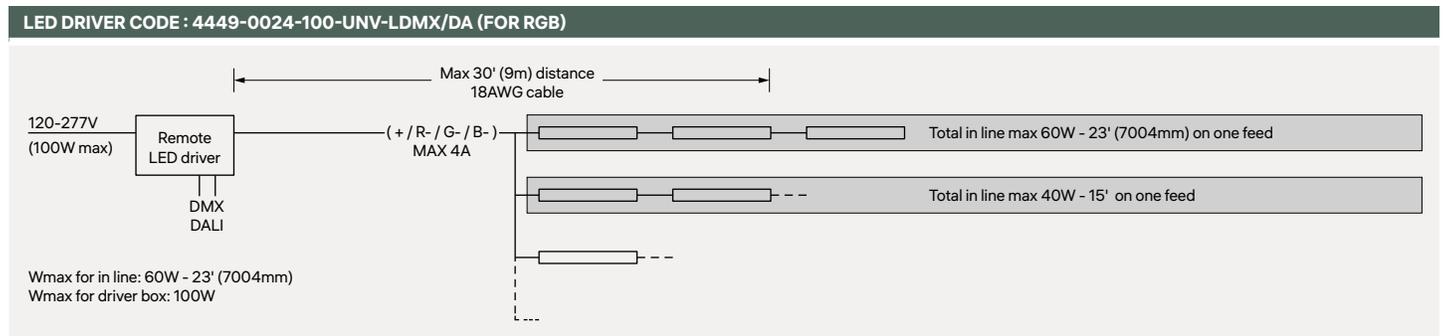
See below for suggested wiring diagram. For longer remote distance, contact customer service.

DRIVER BOX MODEL DESCRIPTION

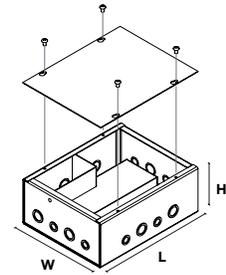
MODEL (L x W x H)	OUTPUT VOLTAGE	OUTPUT POWER	INPUT VOLTAGE	DIMMING PROTOCOL
4449 12" x 8" x 4" (305 x 203 x 102mm)	0024 24Vdc	100 100W	UNV 120-277V	LDMX/DA DALI / DMX Max Distance 30ft (9m)¹
4549 14.5" x 5" x 3" (368 x 127 x 76mm)				

¹ Max distance cable calculated for 18AWG cable. Contact customer service for longer remote distance.

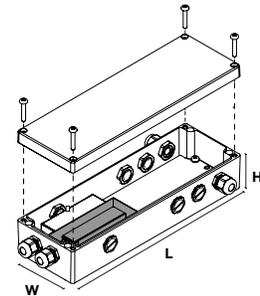
SUGGESTED WIRING DIAGRAM



DRIVER BOX DIMENSIONS



INDOOR RATED



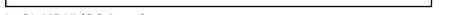
OUTDOOR RATED

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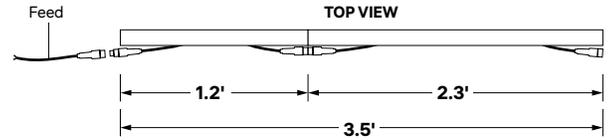
LENGTHS

0.8'	
	L: 10" (254mm)
1.0'	
	L: 1' (304mm)
1.2'	
	L: 1'-1 7/8" (354mm)
1.3'	
	L: 1'-3 3/8" (404mm)
1.5'	
	L: 1'-5 3/8" (454mm)
1.7'	
	L: 1'-7 7/8" (504mm)
1.8'	
	L: 1'-9 3/4" (554mm)
2.0'	
	L: 1'-11 1/4" (604mm)
2.1'	
	L: 2'-1 1/4" (654mm)
2.3'	
	L: 2'-3 3/4" (704mm)
2.5'	
	L: 2'-5 5/8" (754mm)
2.6'	
	L: 2'-7 3/8" (804mm)
2.8'	
	L: 2'-9 3/8" (854mm)
3.0'	
	L: 2'-11 1/8" (904mm)
3.1'	
	L: 3'-1 1/2" (954mm)
3.3'	
	L: 3'-3 1/2" (1004mm)
6.6'	
	L: 6'-6 3/8" (2004mm)
9.9'	
	L: 9'-10 1/4" (3004mm)
13.1'	
	L: 13'-1 3/8" (4004mm)
16.4'	
	L: 16'-5" (5004mm)
23.0'	
	L: 22'-11 1/4" (7004mm)

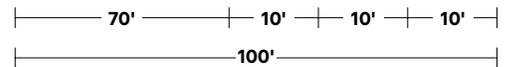
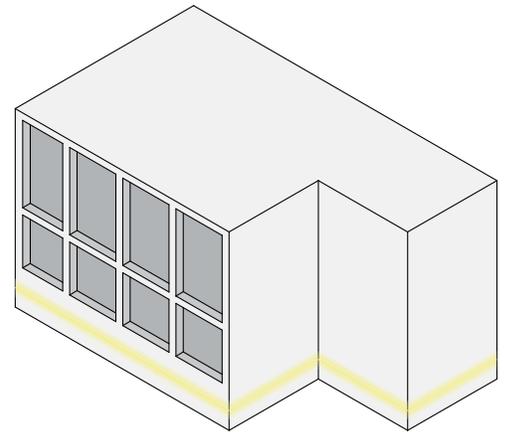
COMBINED MODULES

Standard modules can be combined in continuous rows, to create other length options. Thanks to the side positioning of the connectors, it avoids dark areas.

Each module is supplied with 3" (80mm) long cable with connector, to interconnect the modules, up to 23' (7004mm) long.



To get the desired length, simply choose standard modules to combine (example : A+B). For in-line modules (B), no feed is required.



ATTENTION: When ordering, each part of the design must be calculated separately.

 70' + (3 x 10')

 1 x 100'

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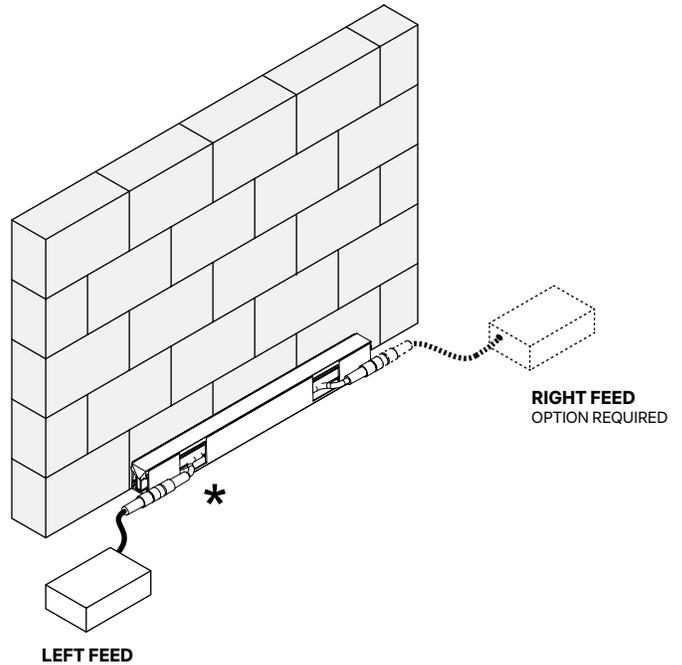
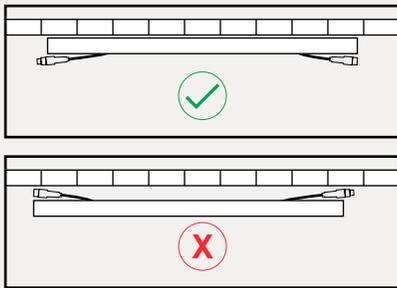
Project: _____
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FEED OPTIONS (INCLUDED)

Please refer to instruction sheet for more options.

LEFT FEED - STANDARD				NO FEED
				N No feed (for in-line modules)
A Cable with female connector	B Cable with female connector	C¹ Cable with female connector	F¹ Cable with female connector	
Length 4 ½" (115mm)	Length 59" (1500mm)	Length 118" (3000mm)	Length 193 ⅞" (5000mm)	
1 Low profile side bend is only available in 115mm or 1500mm				
RIGHT FEED - * AS REQUIRED DEPENDING ON THE INSTALLATION, SEE IMAGE BELOW				
				
D Cable with male connector	E Cable with male connector			
Length 4 ½" (115mm)	Length 59" (1500mm)			

ATTENTION: For side bend low clearance mounting, connectors must be positioned opposite of the wall.



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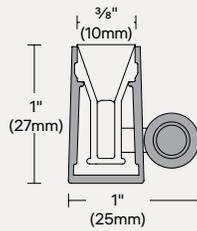


SIDE BEND MOUNTINGS

All mounting clips length: 1 5/8" (40mm)
 All profile length follows model length. See [page 3](#) for all available lengths.

LOW CLEARANCE MOUNTING - 1" HEIGHT

With exposed connectors

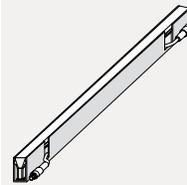


CURVED INSTALLATION

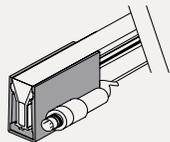
Minimum Curvature Radius: 5 7/8" (150mm)



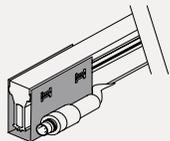
STRAIGHT INSTALLATION



CLIP OPTIONS

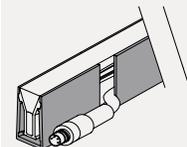


AL
Anodized Aluminum Clips



CL
Stainless Steel Clips

PROFILE OPTION



LP
Anodized Aluminum Profile

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SPECIFICATIONS

SOURCE

Red, Green, Blue LED

LUMEN MAINTENANCE

70% of initial lumens at 65 000 hours (L70 B20) T77°F (25°C)
 70% of initial lumens at 35 000 hours (L70 B20) T104°F (40°C)

OPTICS

General Light. Underscore InOut can be used to create straight or curved lines on flat surfaces. Darkspot free lighting is guaranteed along the entire strip profile up to the end parts.

MATERIAL

Coextruded high performance polymer extrusion IP68 factory sealed assembly. Designed for extreme temperatures: -22°F to +113°F (-30°C to +45°C). The high performance polymer has been tested at 1760°F (960°C) with glow wire without igniting of smoke. Integral stainless steel splint system reducing mechanical stress and increase reliability.

MOUNTING

Universal surface mounted, using mounting accessories (included), see [page 5](#). Supplied with 3" (80mm) long cable with patented IP68 connection system.

ELECTRICAL

24V remote LED driver to be ordered separately.
 See remote LED driver options on [page 2](#).

DIMMING

See remote dimming options on [page 2](#).

OPERATING TEMPERATURE

-30°C to +45°C (-22°F to +113°F)

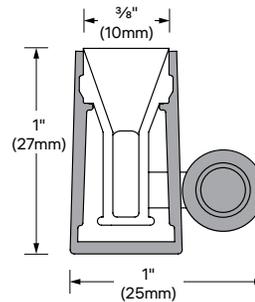
FINISH

White polymer extrusion with milky finish. Extruded anodized aluminum or stainless steel mounting clips.

WEIGHT

2lb/ft (0.9kg/ft)

DIMENSIONS



LOW CLEARANCE

PHOTOMETRIC DATA

POWER (W/ft)	OPTIC	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd/ft)	MODELS
2.6	Side Bend 10 mm	20	7	4	IU10-S-RGB

*For products that use a remote LED driver, total system wattage will vary according to the efficacy of the remote LED driver selected. For this reason, the load and efficacy values given in the table above refer to the LED source only and do not include the LED driver consumption.

Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.