

UNDERScore INOUT

Side Bend 16 - Remote - RGB & TW

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	24	8	6
Tunable White	98	37	28

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

FINISH OPTIONS

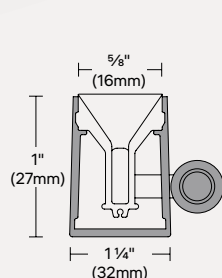
01

Consult factory for custom finishes

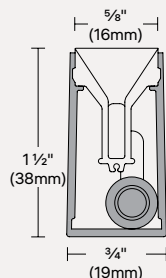
OPTIC OPTIONS



LOW CLEARANCE



HIGH PROFILE



FEATURES

- DALI/DMX (120-277V) [page 2](#)
- Additional sizing for top bend:
[16mm, 16mm \(HO\)](#)
Additional sizing available for side bend:
[10mm](#)
- Consult factory for further customization
- Full specification available [page 6](#)



ORDERING INFO

PRODUCT CODE

EXAMPLE: IU16-S-RGB-0.8-AL-A-01

MODEL	BEND	LED	LENGTH	MOUNTING	FEED	FINISH
IU16 Underscore InOut 16mm	S Side Bend	RGB RGB Led TWL Tunable White Led	Refer to configurations table on page 3 . Select matching length from the dropdown menu. Use scroll bar for more options.	LOW CLEARANCE	A Left Feed (115mm)	01 White
				AL Aluminum Low Support Clips	B Left Feed (1500mm)	
				CL Stainless Steel Low Support Clips	C Left Feed (3000mm)	
				LP Aluminum Low Profile	F Left Feed (5000mm)	
				HIGH PROFILE	D Right Feed (115mm)	
				AH Aluminum High Support Clips	E Right Feed (1500mm)	
				CH Stainless Steel High Support Clips	N No Feed (For In-Line Modules)	
				HP Aluminum High Profile		

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](#).

UNDERScore INOUT**Side Bend 16 - Remote - RGB & TW**

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REMOTE LED DRIVER OPTIONS**DRIVER CODE**

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

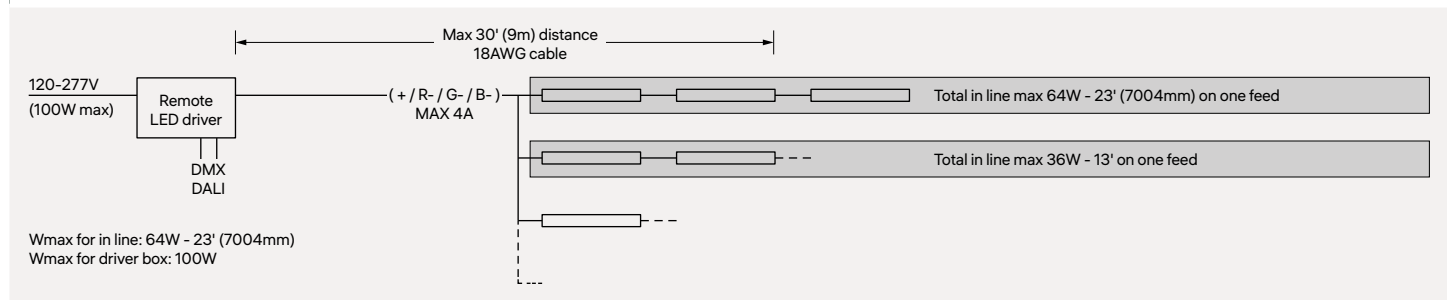
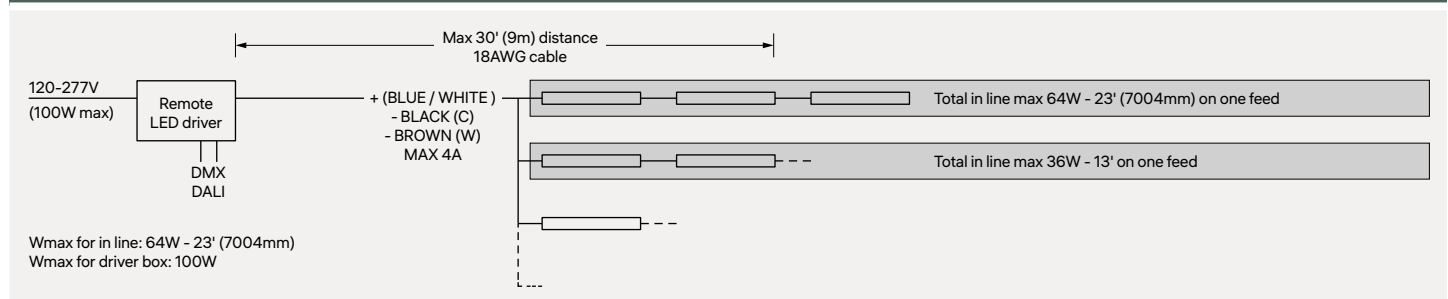
INDOOR RATED DRIVER BOX MODELS	WATTAGE REQUIREMENT PER FEET	
	RGB	TUNABLE WHITE
4449-0024-100-UNV-LDMX/DA	2.7W/ft	2.7W/ft

OUTDOOR RATED DRIVER BOX MODELS	WATTAGE REQUIREMENT PER FEET	
	RGB	TUNABLE WHITE
4549-0024-100-UNV-LDMX/DA	2.7W/ft	2.7W/ft

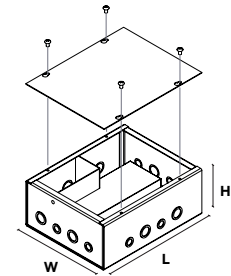
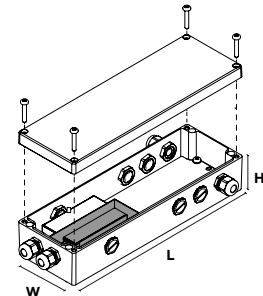
See below for suggested wiring diagram. For longer remote distance, contact customer service.

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 DMX / DALI 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****LED DRIVER CODE : 4449-0024-100-UNV-LDMX/DA (FOR RGB)****LED DRIVER CODE : 4449-0024-100-UNV-LDMX/DA (FOR TUNABLE WHITE)**

DM-RO | Last Update : November 3, 2025






















DRIVER BOX DIMENSIONS**INDOOR RATED****OUTDOOR RATED**

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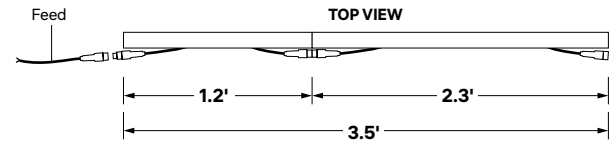
LENGTHS

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

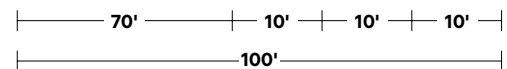
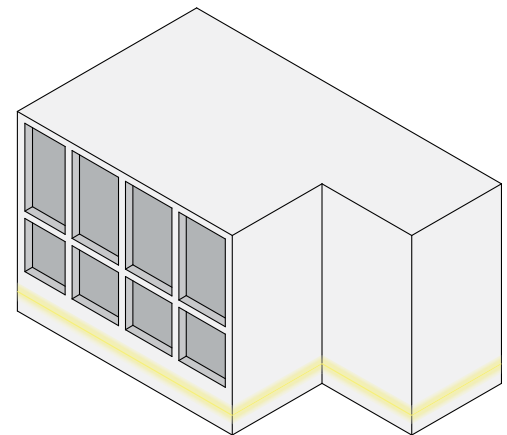
COMBINED MODULES

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'







UNDERSCORE INOUT**Side Bend 16 - Remote - RGB & TW**

Project: _____

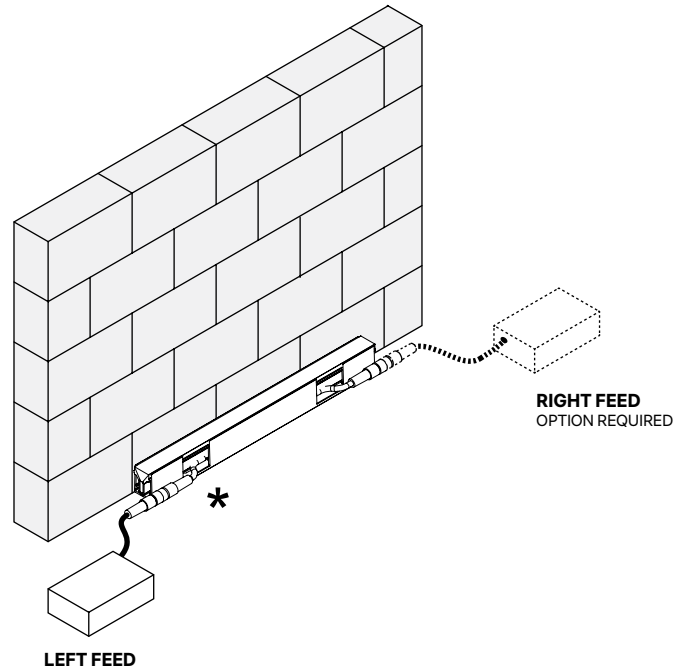
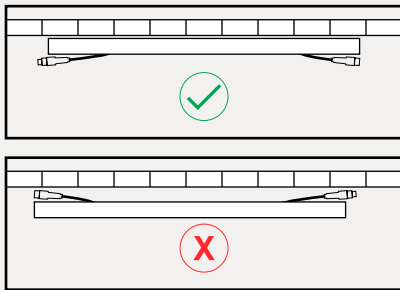
Type: _____

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 Length 4 ½" (115mm)	B Cable with female connector Length 59" (1500mm)	C¹ Cable with female connector Length 118" (3000mm)	F¹ Cable with female connector 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 Length 4 ½" (115mm)	E Cable with male connector Length 59" (1500mm)			

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

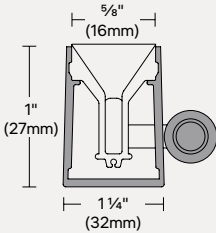
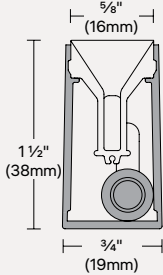
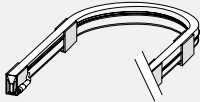
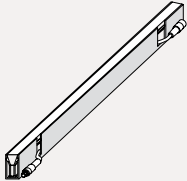
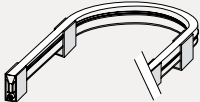
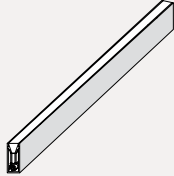
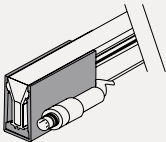
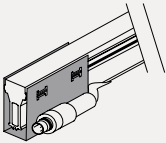
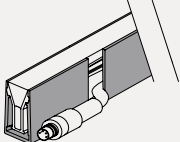
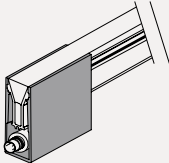
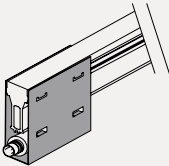
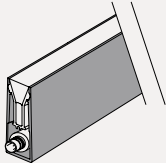


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SIDE BEND MOUNTINGS

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		HIGH PROFILE MOUNTING - 1 1⁄4" HEIGHT	
With exposed connectors 		With hidden Connectors 	
CURVED INSTALLATION	STRAIGHT INSTALLATION	CURVED INSTALLATION	STRAIGHT INSTALLATION
Minimum Curvature Radius: 5 7⁄8" (150mm) 		Minimum Curvature Radius: 5 7⁄8" (150mm) 	
CLIP OPTIONS	PROFILE OPTION	CLIP OPTIONS	PROFILE OPTION
 <p>AL Anodized Aluminum Clips</p>  <p>CL Stainless Steel Clips</p>	 <p>LP Anodized Aluminum Profile</p>	 <p>AH Anodized Aluminum Clips</p>  <p>CH Stainless Steel Clips</p>	 <p>HP Anodized Aluminum Profile</p>

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SPECIFICATIONS

SOURCE

RGB

Red, Green, Blue LED

TW

2700K, 80CRI

5000K, 80CRI

LUMEN MAINTENANCE

RGB

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)

TW

70% of initial lumens at 70 000 hours (L70 B10) T77°F (25°C)

70% of initial lumens at 70 000 hours (L70 B10) 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)

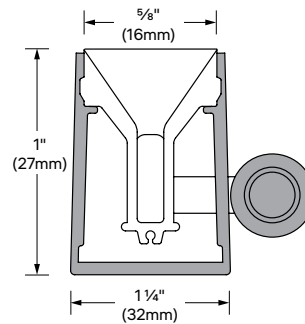
FINISH

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

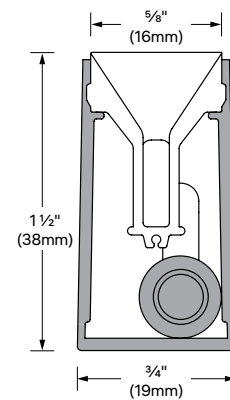
WEIGHT

0.33lb/ft (0.15kg/ft)

DIMENSIONS



LOW CLEARANCE



HIGH PROFILE

PHOTOMETRIC DATA

POWER (W/ft)	OPTIC	LUMENS (lm/ft)	EFFICACY (lm/W)	MAX CANDELA (cd/ft)	MODELS
2.7	Side Bend RGB 16 mm	24	8	6	IU16-S-RGB
	Side Bend Tunable White 16 mm	98	37	28	IU16-S-TWL

*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.