

UNDERScore INOUT

Side Bend 10 - Remote - Static White

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

| CCT (K) | Lumens (lm/ft) | Efficacy (lm/W) | Max Candela (cd/ft) |
|---------|----------------|-----------------|---------------------|
| 2600 | 135 | 67 | 32 |
| 2900 | 131 | 65 | 31 |
| 3700 | 148 | 74 | 35 |
| 4600 | 141 | 70 | 33 |

Consult [page 7](#) for full photometric data.

FINISH OPTIONS

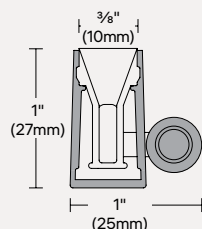
01

Consult factory for custom finishes

OPTIC OPTIONS



LOW CLEARANCE AVAILABLE ONLY



FEATURES

- 0-10V (120-277V) down to 10%.
Lutron Hi Lume® 0.1% EcoSystem™ (120-277V) down to 0.1%. [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-826-0.8-AL-A-01

| MODEL | BEND | LED | LENGTH | MOUNTING | FEED | FINISH |
|-------------------------------------|----------------|--------------------------------|--|--|---|--------------------|
| IU10 Underscore InOut 10mm | S Side Bend | 826 2600K, 80CRI | Refer to configurations table on page 4 . Select matching length from the dropdown menu. Use scroll bar for more options. | LOW CLEARANCE AL Aluminum Low Support Clips CL Stainless Steel Low Support Clips LP Aluminum Low Profile | A Left Feed (115mm) B Left Feed (1500mm) C Left Feed (3000mm) F Left Feed (5000mm) D Right Feed (115mm) E Right Feed (1500mm) N No Feed (For In-Line Modules) | 01 White |
| | | 829 2900K, 80CRI | | | | |
| | | 837 3700K, 80 CRI | | | | |
| | | 846 4600K, 80 CRI | | | | |

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 EXAMPLE: 4447-0024-096-UNV-D2

DRIVER

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

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REMOTE LED DRIVER OPTIONS

DRIVER CODE

EXAMPLE: 4447-0024-096-UNV-D2

| INDOOR RATED DRIVER BOX MODELS | WATTAGE REQUIREMENT PER FEET |
|-----------------------------------|------------------------------|
| | SIDE BEND (10mm) |
| 4447-0024-096-UNV-D2 | 2W/ft |
| 4449-0024-060-UNV-D10 | |
| 4449-0024-075-UNV-D10 | |

| OUTDOOR RATED DRIVER BOX MODELS | WATTAGE REQUIREMENT PER FEET |
|------------------------------------|------------------------------|
| | SIDE BEND (10mm) |
| 4546-0024-200-2C-UNV-ND | 2W/ft |
| 4549-0024-075-UNV-D10 | |

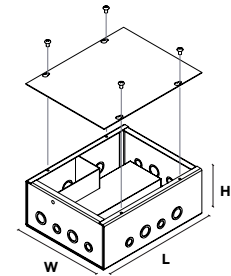
See [page 3](#) for suggested wiring diagram. For longer remote distance, contact customer service.

DRIVER BOX MODEL DESCRIPTION

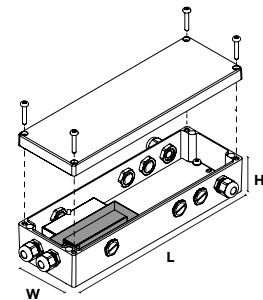
| MODEL (L × W × H) | OUTPUT VOLTAGE | OUTPUT POWER | INPUT VOLTAGE | DIMMING PROTOCOL |
|--|----------------------|----------------------------------|------------------------|--|
| 4447 10 1/2" × 5 1/2" × 2" (266 × 139 × 50mm) | 0024 24Vdc | 060 to 200 60W to 200W | UNV 120-277V | ND No dimming Max Distance 28ft (8.5m) ¹ |
| 4449 12" × 8" × 4" (305 × 203 × 102mm) | | | | D2 Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black) Dimming Range Down to ±0.1% Max Distance 28ft (8.5m) ¹ |
| 4546 12 1/4" × 4 1/2" × 2 3/8" (312 × 113.5 × 60.5mm) | | | | D10 0-10V Dimming Range Down to ±10% Max Distance 30ft (9m) ¹ |
| 4549 14.5" × 5" × 3" (368 × 127 × 76mm) | | | | |

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

DRIVER BOX DIMENSIONS

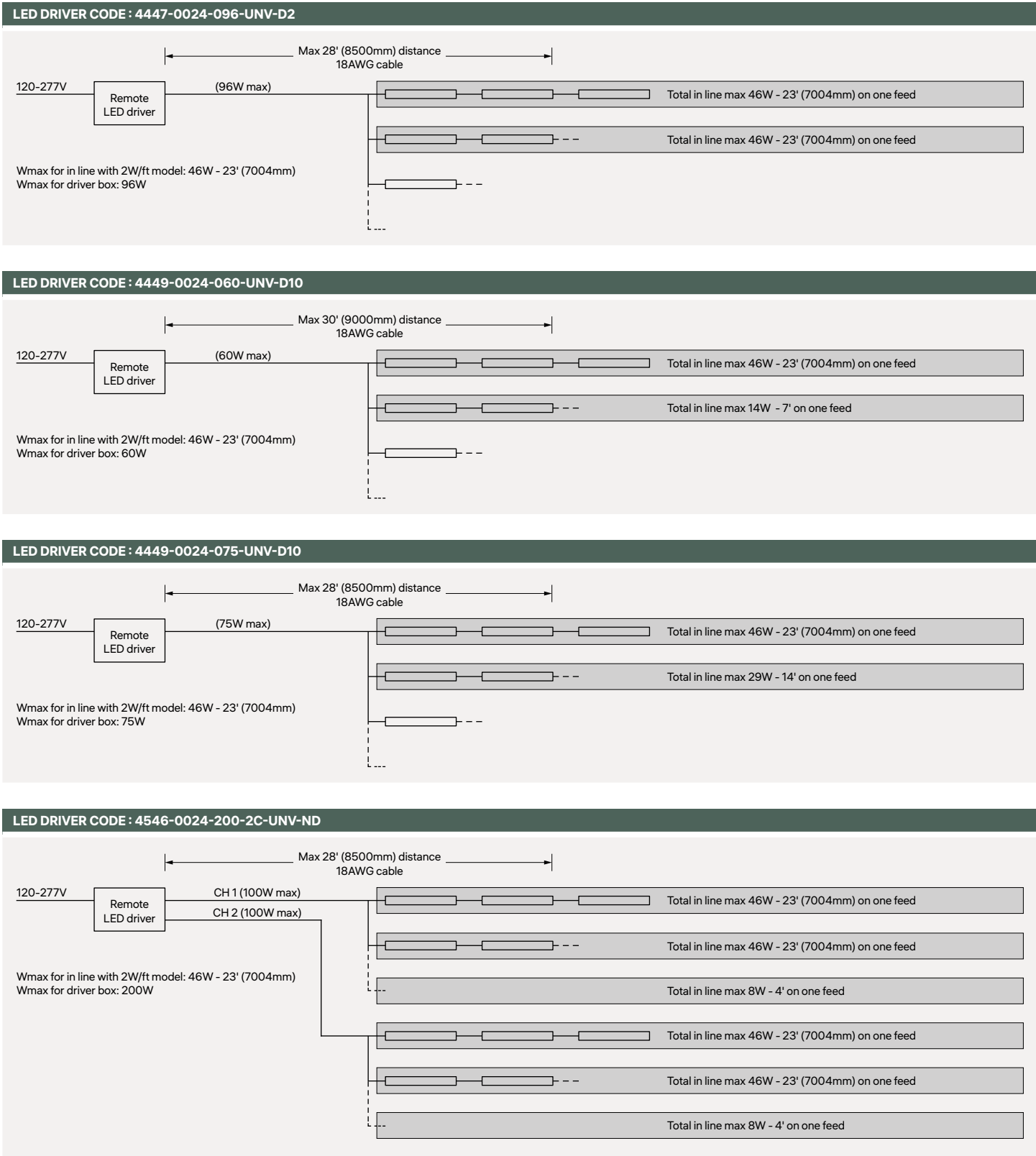


INDOOR RATED



OUTDOOR RATED

SUGGESTED WIRING DIAGRAM
























UNDERScore INOUT**Side Bend 10 - Remote - Static White**

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Type: _____

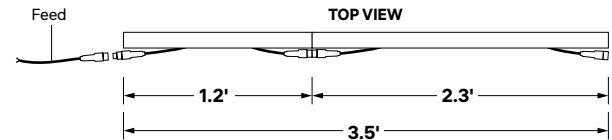
LENGTHS

| | |
|--------------|---|
| 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 $\frac{5}{8}$ " (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) |

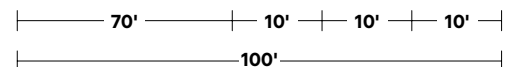
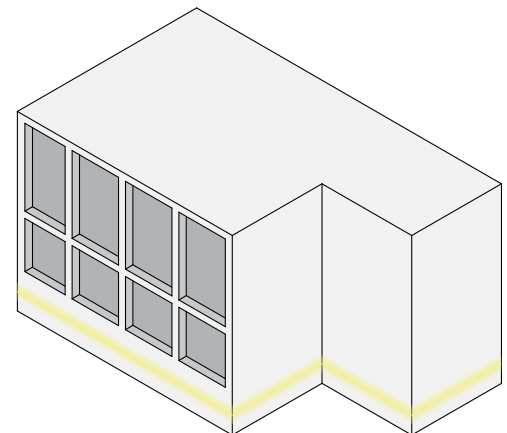
COMBINED MODULES

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 10 - Remote - Static White**

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Type: _____



FEED OPTIONS (INCLUDED)

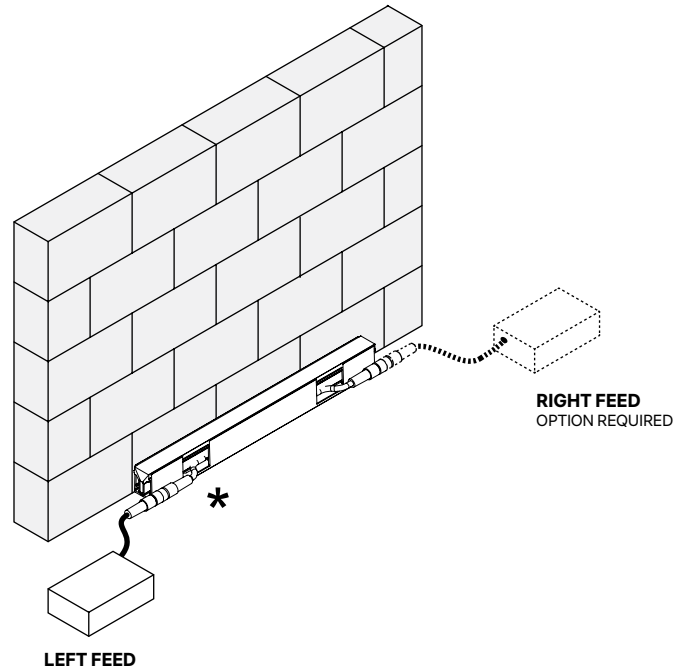
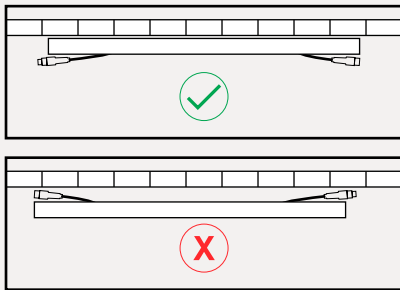
Please refer to instruction sheet for more options.

| 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 7/8" (5000mm) | |

¹ Low profile side bend is only available in 115mm or 1500mm

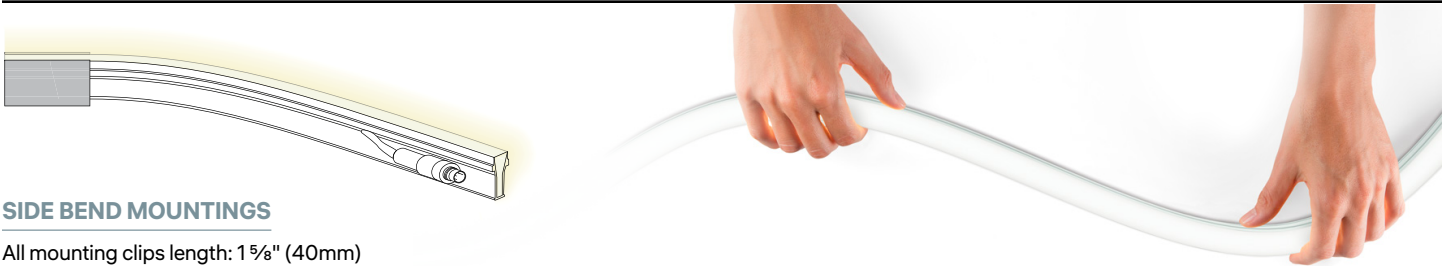
RIGHT FEED - * AS REQUIRED DEPENDING ON THE INSTALLATION, SEE IMAGE BELOW

| | |
|---|---|
|  |  |
| 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.

UNDERSCORE INOUT Side Bend 10 - Remote - Static White

Project: _____
Type: _____

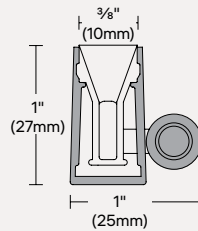


SIDE BEND MOUNTINGS

All mounting clips length: 1 5/8" (40mm)
All profile length follows model length. See [page 4](#) for all available lengths.

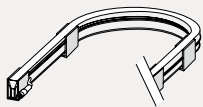
LOW CLEARANCE MOUNTING - 1" HEIGHT

With exposed connectors

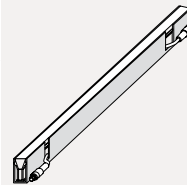


CURVED INSTALLATION

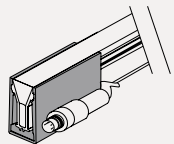
Minimum Curvature Radius: 5 7/8" (150mm)



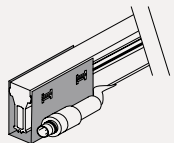
STRAIGHT INSTALLATION



CLIP OPTIONS

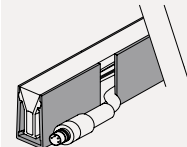


AL
Anodized Aluminum Clips



CL
Stainless Steel Clips

PROFILE OPTION



LP
Anodized Aluminum Profile

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SPECIFICATIONS**SOURCE**

White LED
 2600K: 80CRI,
 2900K: 80CRI,
 3700K: 80CRI,
 4600K: 80CRI.

LUMEN MAINTENANCE

70% of initial lumens at 69 000 hours (L70 B10) T77°F (25°C)
 70% of initial lumens at 69 000 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 6](#). Supplied with 3" (80mm) long cable with patented IP68 connection system.

ELECTRICAL

24V remote LED driver to be ordered separately.
 Control PWM. 120V/277V.
 See remote LED driver options on [page 2](#).

DIMMING

0-10V (120-277V) down to 10%
 Lutron Hi Lume® 0.1% EcoSystem™ (120-277V) down to 0.1%.
 See remote dimming options on [page 2](#).

OPERATING TEMPERATURE

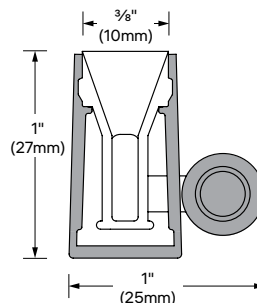
-30°C to +45°C (-22°F to +113°F)

FINISH

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

WEIGHT

0.2lb/ft (0.1kg/ft)

DIMENSIONS**LOW CLEARANCE****PHOTOMETRIC DATA**

| CCT (K) | CRI | OUTPUT | POWER (W/ft) | OPTIC | LUMENS (lm/ft) | EFFICACY (lm/W) | MAX CANDELA (cd/ft) | MODELS |
|------------|-----|--------|-----------------|--------------------|-------------------|--------------------|------------------------|------------|
| 2600 | 80 | - | 2 | Side Bend 10 mm | 135 | 67 | 32 | IU10-S-826 |
| 2900 | | | | | 131 | 65 | 31 | IU10-S-829 |
| 3700 | | | | | 148 | 74 | 35 | IU10-S-837 |
| 4600 | | | | | 141 | 70 | 33 | IU10-S-846 |

*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.