# **12V** Beacon Seat Light



| CAT:  |          | FEET: |  |
|-------|----------|-------|--|
| TYPF: | PROJECT: |       |  |



Non-intrusive, glare-free illumination with improved LED guide lighting of aisles and steps.

#### **Features**

- This compact, spherical, polycarbonate fixture with an ergonomically friendly design eliminates knee hazards.
- Beacon fixture mounts to seats and other surfaces with 3 screw assembly.
- Optional row indicator features wide viewing window with edge lit illumination and etched alphanumeric display.
- LEDs 3 LEDs for illumination, 2 LEDs for row indicator

### Mounting

Beacon mounts to wall, seat standard, pole and other surfaces. Bracket for pole mounting available for  $1\frac{1}{2}$ " diameter pole, consult factory. Suitable for new construction and renovation.

#### **Applications**

Ideal for illumination of indoor aisles and steps with seat, wall or pole mounting applications.

#### Warranty

5 years

# **Technical Information**







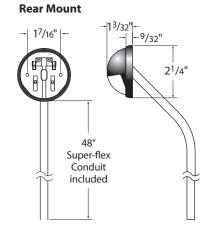


| Based on 3000K                        |   |
|---------------------------------------|---|
| *Lumens/module                        | 44.52   |
| *Watt/module With Row Indicator       | 0.72  |
| *Watt/module Without Row Indicator    | 0.48  |
| *Lumens/watt                          | 60  |
| CRI                                   | >80/TYP83   |
| Kelvin Temp                           | 1900K, 2700K, 3000K, 3500K, 4000K (+/- 80K) 3SDCM, Red, Blue, Amber |
| Rated Life                            | 75,000 hrs.   |
| Max Module/Feed With Row Indicator    | 78/60W  |
| Max Module/Feed Without Row Indicator | 100/60W   |
| Operating Voltage                     | 12V DC  |
| Power Supply                          | Class 2   |
| Dimmable                              | 0-10V, ELV, MLV, DMX  |

#### **Profile Dimensions**

### **Mounting Options**





**Pole Mount** 



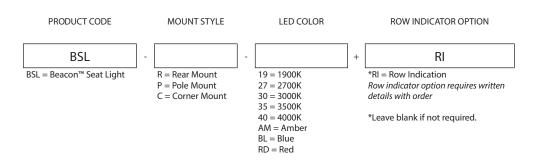
Bracket for Pole Mounting 1.5" Dia.

# Corner Mount





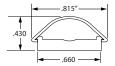
# **Ordering Information**



# Mounting Accessories



**JBOX-LP**Junction box, low profile



**BS-CC-8**Wall wireway, 8' Black Base & Conduit Cover



BSL-PC-1/4 ¼" Flex Conduit, Black

BS-CLAMP

Flex Conduit clamp. Fits 1/4" Flex Conduit.

# **Replacement Parts**



5-8.1.3 Life Safety Code: Exception: In assembly occupancies, the illumination of the floors of exit access shall not be less than 1/5 (.20) footcandle during periods of performances or projections involving directed light.

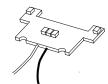
8-2-5.9.8 Life Safety Code: Aisle Marking. A contrasting marking stripe shall be provided on each tread at the nosing or leading edge such that the location of such tread is readily apparent, particularly when viewed in descent. Such stripes shall be at least 1 in. (2.5 cm) wide and shall not exceed 2 in. (5 cm) in width.

Exception: The marking stripe shall not be required where tread surfaces and environmental conditions under all conditions of use are such that the location of each tread is readily apparent, particularly when viewed in descent.



Replacement Board With LEDs BL-PCB-3-19 1900K BL-PCB-3-27 2700K BL-PCB-3-30 3000K BL-PCB-3-35 3500K BL-PCB-3-40 4000K BL-PCB-3-RD

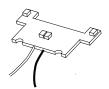
Red



Replacement Board With Row Inidicator LEDs BL-PCB-3-19-RI 1900K BL-PCB-3-27-RI 2700K BL-PCB-3-30-RI 3000K BL-PCB-3-35-RI 3500K BL-PCB-3-40-RI 4000K BL-PCB-3-RD-RI Red



Replacement Board With LEDs BL-PCB-2-AM Amber BL-PCB-2-BL Blue



Replacement Board With Row Inidicator LEDs BL-PCB-2-AM-RI Amber BL-PCB-2-BL-RI Blue



Replacement Dome BSL-DOME-NW Dome - No indicator window BSL-DOME-RI Dome - With indicator window

Available with blue handicap indicator



# **Recommended Power Supplies**

### **ADNM - NON DIMMING**

| DESCRIPTION                        | CAT NO            | APPLICATION         | PRIMARY<br>VOLTAGE      | SECONDARY<br>VOLTAGE | CIRCUIT<br>BREAKERS | MAX LOAD | CIRCUIT<br>CAPACITY |
|------------------------------------|-------------------|---------------------|-------------------------|----------------------|---------------------|----------|---------------------|
|                                    | ADNM-60-1-5-12-D  | Indoor /<br>Outdoor | 100-277V AC<br>50/60 HZ | 12V DC               | 1                   | 60W      | 5A                  |
|                                    | ADNM-80-1-5-12-D  |                     |                         |                      | 1                   | 60W      | 5A                  |
| ADNM Series<br>Class 2 Transformer | ADNM-150-2-5-12-D |                     |                         |                      | 2                   | 2x60W    | 2x5A                |
|                                    | ADNM-240-3-5-12-D |                     |                         |                      | 3                   | 3x60W    | 3x5A                |
|                                    | ADNM-320-4-5-12-D |                     |                         |                      | 4                   | 4x60W    | 4x5A                |

### **ADNM - 0-10V DIMMING**

| DESCRIPTION                        | CAT NO              | APPLICATION         | PRIMARY<br>VOLTAGE      | SECONDARY<br>VOLTAGE | CIRCUIT<br>BREAKERS | MAX LOAD | CIRCUIT<br>CAPACITY |
|------------------------------------|---------------------|---------------------|-------------------------|----------------------|---------------------|----------|---------------------|
|                                    | ADNM-60-1-5-12-DOT  | Indoor /<br>Outdoor | 100-277V AC<br>50/60 HZ | 12V DC               | 1                   | 60W      | 5A                  |
|                                    | ADNM-80-1-5-12-DOT  |                     |                         |                      | 1                   | 60W      | 5A                  |
| ADNM Series<br>Class 2 Transformer | ADNM-150-2-5-12-DOT |                     |                         |                      | 2                   | 2x60W    | 2x5A                |
|                                    | ADNM-240-3-5-12-DOT |                     |                         |                      | 3                   | 3x60W    | 3x5A                |
|                                    | ADNM-320-4-5-12-DOT |                     |                         |                      | 4                   | 4x60W    | 4x5A                |

# **ADNM - DMX SINGLE ADDRESS**

| DESCRIPTION                        | CAT NO              | APPLICATION         | PRIMARY<br>VOLTAGE      | SECONDARY<br>VOLTAGE | CIRCUIT<br>BREAKERS | MAX LOAD | CIRCUIT<br>CAPACITY |
|------------------------------------|---------------------|---------------------|-------------------------|----------------------|---------------------|----------|---------------------|
| ADNM Series<br>Class 2 Transformer | ADNM-60-1-5-12-DIN  | Indoor /<br>Outdoor | 100-277V AC<br>50/60 HZ | 12V DC               | 1                   | 60W      | 5A                  |
|                                    | ADNM-80-1-5-12-DIN  |                     |                         |                      | 1                   | 60W      | 5A                  |
|                                    | ADNM-150-2-5-12-DIN |                     |                         |                      | 2                   | 2x60W    | 2x5A                |
|                                    | ADNM-240-3-5-12-DIN |                     |                         |                      | 3                   | 3x60W    | 3x5A                |
|                                    | ADNM-320-4-5-12-DIN |                     |                         |                      | 4                   | 4x60W    | 4x5A                |

### **ADNM - DMX MULTI ADDRESS**

| DESCRIPTION                        | CAT NO                | APPLICATION      | PRIMARY<br>VOLTAGE       | SECONDARY<br>VOLTAGE | CIRCUIT<br>BREAKERS | MAX LOAD | CIRCUIT<br>CAPACITY |
|------------------------------------|-----------------------|------------------|--------------------------|----------------------|---------------------|----------|---------------------|
| ADNM Series<br>Class 2 Transformer | ADNM-150-2-5-12-DIN-2 | Indoor /<br>Damp | 100-277V AC<br>5o//60 Hz | 12V DC               | 2                   | 2x60W    | 5A                  |
|                                    | ADNM-240-3-5-12-din-3 |                  |                          |                      | 3                   | 3x60W    | 3x5A                |

# INFINITY - MLV / ELV / 0-10V / PWM / TRIAC

| DESCRIPTION                            | CAT NO            | APPLICATION         | PRIMARY<br>VOLTAGE | SECONDARY<br>VOLTAGE | CIRCUIT<br>BREAKERS | MAX LOAD | MIN LOAD | CIRCUIT<br>CAPACITY |
|--|-------------------|---------------------|--------------------|----------------------|---------------------|----------|----------|---------------------|
|  | INF-J-30-1-2.5-12 |                     |                    | C 12V DC -           | 1                   | 30W      | 3W       | 2.5A                |
| Infinity Series<br>Class 2 Transformer | INF-J-60-1-5-12   | Indoor /<br>Outdoor | 100 - 277V AC      |                      | 1                   | 60W      | 6W       | 5A                  |
|  | INF-J-180-3-5-12  |                     |                    |                      | 3                   | 3x60W    | 3x6W     | 3x5A                |
|  | INF-J-300-5-5-12  |                     |                    |                      | 5                   | 5x60W    | 5x6W     | 5x5A                |



# **Recommended Dimmers**

### **DIMMING - 0-10V**

| DESCRIPTION  | CAT NO     | APPLICATION | INPUT VOLTAGE | OUTPUT VOLTAGE | MAX LOAD                         |
|--------------|------------|-------------|---------------|----------------|----------------------------------|
| 0-10V Dimmer | DIM-LD-010 | Indoor      | 12V/24V DC    | 12V/24V DC     | 30 mA max. output<br>(sink only) |

# **DIMMING - MLV**

| DESCRIPTION  | CAT NO | APPLICATION | INPUT VOLTAGE | OUTPUT VOLTAGE | MAX LOAD |
|--------------|--------|-------------|---------------|----------------|----------|
|              | N-600  | Indoor      | 120V AC       | 120V AC        | 450W     |
|              | N-1000 |             |               |                | 800W     |
| MIV Discours | N-1500 |             |               |                | 1200W    |
| MLV Dimmer   | D-600  |             |               |                | 450W     |
|              | M-600  |             |               |                | 450W     |
|              | M-1000 |             |               |                | 800W     |

### **DIMMING - ELV**

| DESCRIPTION | CAT NO | APPLICATION | INPUT VOLTAGE | OUTPUT VOLTAGE | MAX LOAD |
|-------------|--------|-------------|---------------|----------------|----------|
| FIV Dimmer  | ME-600 | Indoor      | 120V AC       | 120V AC        | 450W     |
| ELV Dimmer  | DE-300 | Indoor      |               |                | 300W     |

# In-Wall DMX Controls





TVOQ-1-WH WH (White only)



TVOQ-10-XX-7 XX = BK (black), WH (white) 1024 DMX channel, 500 scene, 10 zone, glass touch screen

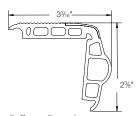




TVOQ-2-BK 512 DMX channel, 99 scene, 1 zone, Black glass touch screen



# TwoTone Bullnose & Accessories



#### Bullnose Extrusion BNS-TT-GY-12

TwoTone Bullnose, 12' length, Black/Gray Strip

#### BNS-TT2-GY-12

TwoTone Bullnose, 12' length, Black/2" Gray Strip

#### BNS-SC-GY-12

Bullnose, Solid Gray, 12' Length



#### Bullnose End Caps BNS-TT-EC-L

End Cap, Left Side Overlap Design,

#### BNS-TT-EC-R

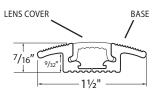
End Cap, Right Side Overlap Design, Black



# CC Bullnose End Caps (Carpet-To-Carpet) BNS-CC-TT-EC-L

End Cap, Carpet-To-Carpet, Left Side, Black
BNS-CC-TT-EC-R

End Cap, Carpet-To-Carpet, Right, Black



# CC & CW Wire Way Combo - Base & Lens WW-CC-BK-8

Carpet to Carpet Base and Cover 8' - Black **WW-CC-GY-8** 

Carpet to Carpet Base and Cover 8' - Gray WW-CW-BK-8

Carpet to Wall Base and Cover 8' - Black **WW-CW-GY-8** 

Carpet to Wall Base and Cover 8' - Gray

# CC & CW Wire Way Base ONLY WW-CW-BS-8

Base Only, Carpet to Wall, Black, 8' **WW-CC-BS-8** 

Base Only, Carpet to Carpet, Black, 8'

# CC & CW Wire Way Lens ONLY WW-TC-CL-8

Lens Cover Only, Clear, 8' WW-TC-BK-8

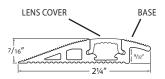
WW-TC-BK-8 Lens Cover Only, Black, 8'

WW-TC-BZ-8

Lens Cover Only, Bronze, 8'

WW-TC-GY-8

Lens Cover Only, Gray, 8'



# CE Wire Way Combo - Base & Lens WW-CE-BK-8

Carpet to Edge Base and Cover 8' - Black WW-CE-GY-8

Carpet to Edge Base and Cover 8' - Gray

# CE Wire Way Base ONLY WW-CE-BS-8

Base Only, Carpet To Edge, Black, 8'

#### CE Wire Way Lens ONLY

WW-TC-CL-8 Lens Cover Only, Clear, 8'

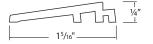
WW-TC-BK-8

Lens Cover Only, Black, 8'

WW-TC-BZ-8

Lens Cover Only, Bronze, 8'

WW-TC-GY-8 Lens Cover Only, Gray, 8'



### BNS-TT-R-12

Step Reducer, 12' Section



### STP-EXTNDR-12

Bullnose Step Landing Tread Extender, 12'



### ADH-MB-75AM-10

Extrusion adhesive, 10.1 oz tubes, sold individually. 30 per case.

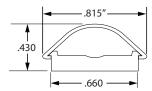
### ADH-MB-75AM-29

Extrusion adhesive, 29 oz tubes, sold individually. 12 per case.



### ADH-IA-10.2-CA

End Cap Adhesive, Clear liquid adhesive for end caps. 10.2 oz tubes sold individually. 12 per case.



# BS-CC-8

Wall wireway, 8' Black Base & Conduit Cover



#### TM-3/16

Concrete Screw 3/16" x 13/4"



#### RONDB-5/32

Concrete Drill Bit 5/32"