

# PRODUCER

## LINEAR LED

### APPLICATIONS:

Ambient, aisle and display lighting

### CONSTRUCTION:

One piece extruded aluminum housing  
Die-formed cold rolled steel internal wiring chassis  
High reflectance white finish. For other finishes, consult factory

### OPTICS:

5w/ft or 10w/ft, 3500K LED's standard  
Other color temps available  
Extruded clear custom prismatic acrylic lens, snap-in, 8' maximum section  
Optional uplight component (12" every 4'-0"). Shares driver with downlight and creates an 80% dwn/20% up fixture. (Wattage remains constant)

### ELECTRICAL:

Electronic, multi-volt (120v-277v) constant current driver  
Dimmable, 0-10v


**This product complies with IEEE C62.41 for surge endurance up to 3KV. Amerlux recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.**

**Emergency circuit via remote inverter or auxiliary emergency power supply (by others)**  
Optional emergency wire way

### MOUNTING:

Choice of individual or continuously row-mounted  
Aircraft cable suspension

### LABELING:

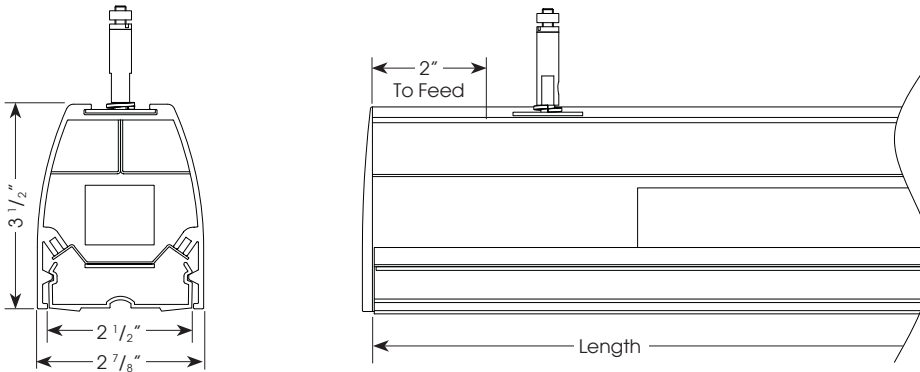
 pending

PROD  
LED



PROJECT:

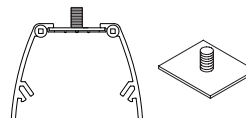
TYPE:



### ELECTRICAL

| Driver     | Wattage per foot | 4'           |      | 8'           |      |      |
|------------|------------------|--------------|------|--------------|------|------|
|            |                  | System watts | Amps | System watts | Amps |      |
| Electronic | 5                | 120v         | 22   | .18          | 44   | .37  |
|            |                  | 277v         | 20   | .07          | 40   | .14  |
|            | 10               | 120v         | 46   | 0.38         | 92   | 0.77 |
|            |                  | 277v         | 46   | 0.17         | 92   | 0.33 |

1420P Mounting Option:  
Mounting plate gripper with 1/4"-20 x 3/8" stud



Enlightened Sensor (optional)

**10** year limited warranty  
AMERLUX LED

(see website for details)

### ORDERING INFORMATION:

| Model | Distribution                               | Mounting  | Wattage Per Foot | Lamp Type | Finish   | Length  | Voltage | Configuration   | Color Temp                   | Options   |
|-------|--|---|------------------|-----------|--|---|---------|---|------------------------------|---|
| PROD  | BAT80 - batwing 80°<br>BAT60 - batwing 60° | ASW5 - aircraft cable with white straight feed (5 wire), 5ft<br>ASW10 - aircraft cable with white straight feed (5 wire), 10ft<br>1420P - mounting plate gripper with 1/4"-20 x 3/8" stud, power feed by others | 5<br>10          | LED       | HW - high reflectance white<br>— - other finish, consult factory | 4 - 4'<br>8 - 8'<br><br>(Runs in 4' increments) | 120/277 | IND - individual<br>BOR - beginning of run<br>MOR - middle of run<br>EOR - end of run | 2700<br>3000<br>3500<br>4000 | LVR - straight blade louver, specify color: HW, ST, BT<br>UL - uplight<br>EMW - emergency wire way<br>HILUME-DH - Lutron Hi-lume® 3 wire, 1% dim<br>HILUME-ECO - Lutron Hi-lume® EcoSystem, 1% dim<br>ENLS - Enlightened Sensor |

Example: PROD-BAT60-ASW5-10-LED-HW-4-120-IND-3500

Cat #:

Amerlux reserves the right to change details that do not affect overall function and performance.

# PRODUCER

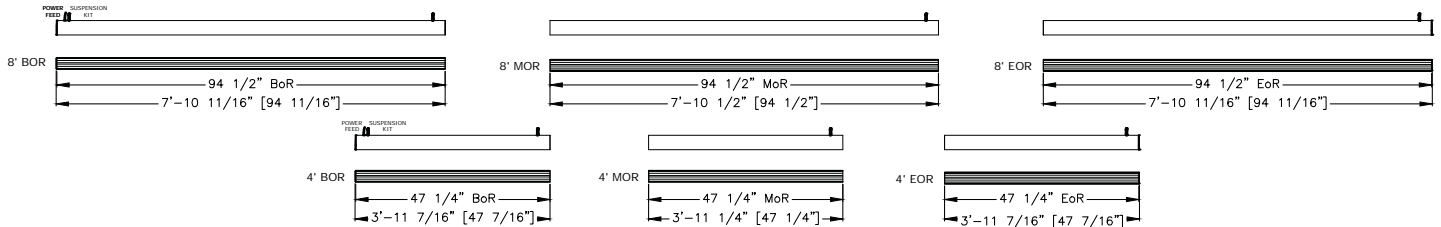
LINEAR LED



TYPE:



## CONTINUOUS RUN LENGTHS:



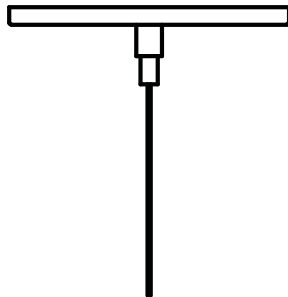
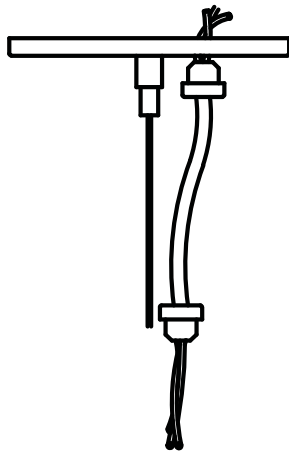
**For Continuous Rows specify BOR, MOR, & EOR quantities:**

| Fixture Type | BOR |   | MOR |   | EOR |   | NOMINAL ROW LENGTH, FT | ACTUAL ROW LENGTH, IN |
|--------------|-----|---|-----|---|-----|---|------------------------|-----------------------|
|              | 4   | 8 | 4   | 8 | 4   | 8 |                        |                       |
|              |     |   |     |   |     |   |                        |                       |
|              |     |   |     |   |     |   |                        |                       |
|              |     |   |     |   |     |   |                        |                       |
|              |     |   |     |   |     |   |                        |                       |

## SUSPENSION DETAIL:

Power Feed Canopy  
 Cable/White Cord (18/5)  
 5" White Canopy  
 Length: ASW5 (5')  
 ASW10 (10')

Suspension Canopy  
 Cable, 5" White Canopy



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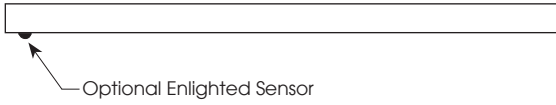


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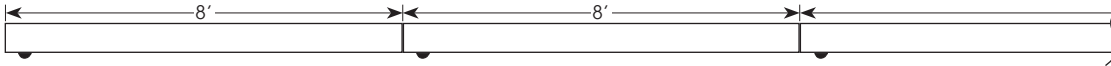


## STANDARD PLACEMENT(S) FOR (OPTIONAL) ENLIGHTENED SENSOR:

4 FT OR 8 FT DIRECT



RUNS



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LINEAR LED



TYPE:



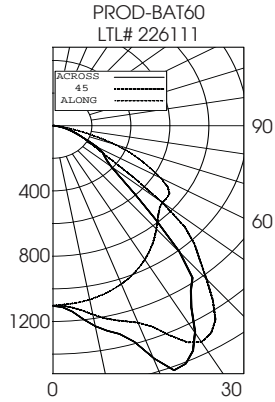
**FIXTURE DATA:**

Complete photometric data (ies format) available upon request.

PRODUCER, 4 FT , 3500K

Light Source: 120 white LEDS Lumens: 3408 (BAT60), 3336 (BAT80)

Pendant mounting



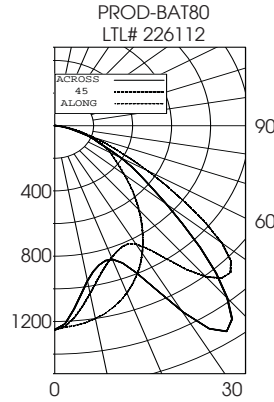
**ZONAL LUMEN SUMMARY**

| Zone   | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30   | 1081   | 31.73       |
| 0-40   | 1865   | 54.75       |
| 0-60   | 3034   | 89.05       |
| 0-90   | 3408   | 100.00      |
| 40-90  | 1542   | 45.25       |
| 60-90  | 373    | 10.95       |
| 90-180 | 0      | 0.00        |
| 0-180  | 3408   | 100.00      |

Efficacy (lumens/watt) = 77.3

**COEFFICIENTS OF UTILIZATION**

| RC  | 80   |      |      |      |
|-----|------|------|------|------|
| RW  | 70   | 50   | 30   | 10   |
| RCR |      |      |      |      |
| 0   | 1.19 | 1.19 | 1.19 | 1.19 |
| 1   | 1.11 | 1.07 | 1.04 | 1.01 |
| 2   | 1.03 | 0.97 | 0.92 | 0.87 |
| 3   | 0.96 | 0.87 | 0.80 | 0.75 |
| 4   | 0.89 | 0.79 | 0.71 | 0.66 |
| 5   | 0.82 | 0.71 | 0.63 | 0.58 |
| 6   | 0.76 | 0.64 | 0.56 | 0.51 |
| 7   | 0.70 | 0.58 | 0.50 | 0.44 |
| 8   | 0.65 | 0.52 | 0.44 | 0.39 |
| 9   | 0.60 | 0.47 | 0.39 | 0.34 |
| 10  | 0.55 | 0.43 | 0.35 | 0.30 |



**ZONAL LUMEN SUMMARY**

| Zone   | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30   | 810    | 24.29       |
| 0-40   | 1479   | 44.33       |
| 0-60   | 2805   | 84.07       |
| 0-90   | 3336   | 100.00      |
| 40-90  | 1857   | 55.67       |
| 60-90  | 532    | 15.93       |
| 90-180 | 0      | 0.00        |
| 0-180  | 3336   | 100.00      |

Efficacy (lumens/watt) = 75.8

**COEFFICIENTS OF UTILIZATION**

| RC  | 80   |      |      |      |
|-----|------|------|------|------|
| RW  | 70   | 50   | 30   | 10   |
| RCR |      |      |      |      |
| 0   | 1.19 | 1.19 | 1.19 | 1.19 |
| 1   | 1.10 | 1.06 | 1.02 | 0.99 |
| 2   | 1.01 | 0.94 | 0.88 | 0.83 |
| 3   | 0.93 | 0.83 | 0.76 | 0.70 |
| 4   | 0.86 | 0.75 | 0.67 | 0.60 |
| 5   | 0.79 | 0.67 | 0.58 | 0.52 |
| 6   | 0.72 | 0.59 | 0.51 | 0.44 |
| 7   | 0.66 | 0.52 | 0.44 | 0.38 |
| 8   | 0.61 | 0.47 | 0.39 | 0.33 |
| 9   | 0.56 | 0.42 | 0.34 | 0.28 |
| 10  | 0.51 | 0.38 | 0.30 | 0.25 |