

# PRODUCER

## SYMMETRICAL 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 white acrylic lens, snap-in, 8' maximum section  
Amerlux exclusive white acrylic lens provides excellent transmission while effectively concealing lamp image  
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:

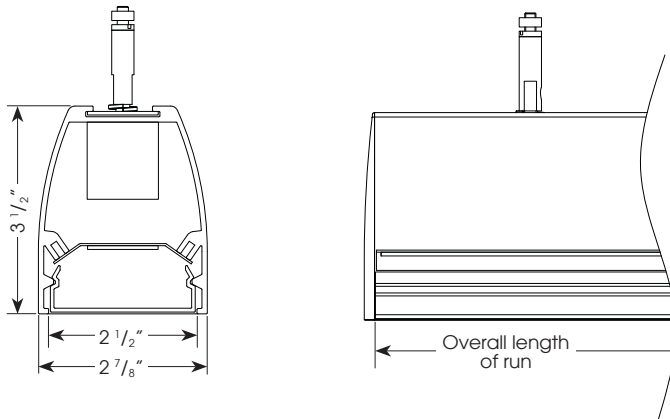
 pending

PROD-SYM  
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



Enlighted Sensor (optional)

**10** year limited warranty  
AMERLUX LED

(see website for details)

### ORDERING INFORMATION:

Model	Mounting	Wattage Per Foot	Lamp Type	Finish	Length	Voltage	Configuration	Color Temp	Options
PROD-SYM - symmetrical, diffuse lens	ASW5 - aircraft cable with white straight feed (5 wire), 5ft ASW10 - aircraft cable with white straight feed (5 wire), 10ft	5 10	LED	HW - high reflectance white ___ - other finish, consult factory	4 - 4' 8 - 8' _____ (Runs in 4' increments)	120/277	IND - individual BOR - beginning of run MOR - middle of run EOR - end of run	2700 3000 3500 4000	LVR - straight blade louver UL - uplight EMW - emergency wire way ENLS - Enlighted Sensor

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

Cat #:

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

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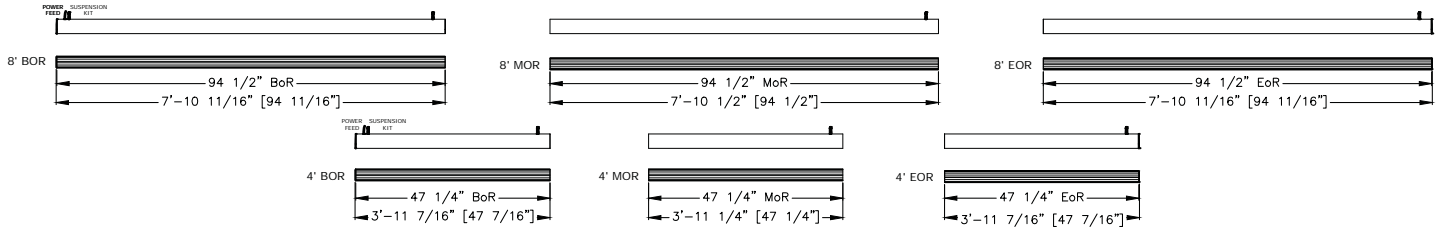
PROD-SYM  
LED



TYPE:



**CONTINUOUS RUN LENGTHS:**



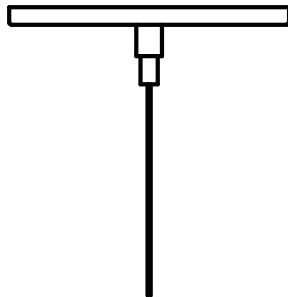
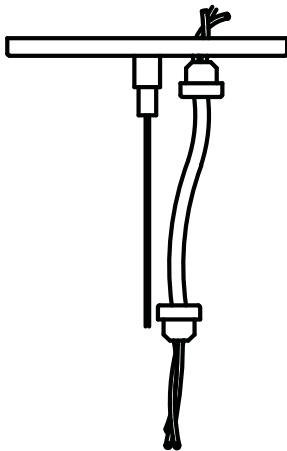
For Continuous Rows specify BOR, MOR, & EOR quantities:

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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PROD-SYM  
LED

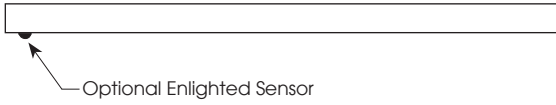


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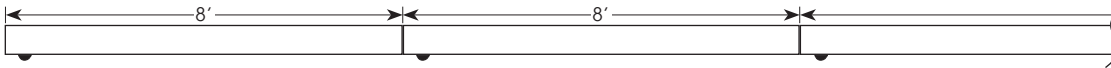


## STANDARD PLACEMENT(S) FOR (OPTIONAL) ENLIGHTENED SENSOR:

4 FT OR 8 FT DIRECT



RUNS



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PROD-SYM  
LED



TYPE:

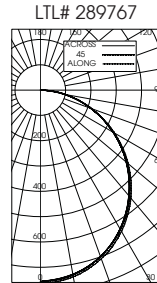
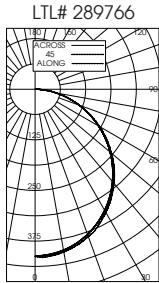


**FIXTURE DATA:**

Complete photometric data (ies format) available upon request.

PRODUCER SYMMETRICAL 5W LED 4FT 3500K  
SOURCE: 120 WHITE LEDS LUMENS: 1187  
RECESSED

PRODUCER SYMMETRICAL 10W LED 4FT 3500K  
SOURCE: 120 WHITE LEDS LUMENS: 2181  
RECESSED



**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	319	N/A	26.91
0-40	522	N/A	43.95
0-60	921	N/A	77.59
0-90	1187	N/A	100.00
90-180	0	N/A	0.0
0-180	1187	N/A	100.0

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	586	N/A	26.86
0-40	957	N/A	43.87
0-60	1690	N/A	77.48
0-90	2181	N/A	100.00
90-180	0	N/A	0.0
0-180	2181	N/A	100.0

Total Luminaire Efficiency = 55.5 Lm/Watt

Total Luminaire Efficiency = 50.4 Lm/Watt

**COEFFICIENTS OF UTILIZATION**

Effective Floor Cavity Reflectance 20%

RC	80			
	70	50	30	10
RW				
RCR				
0	1.19	1.19	1.19	1.19
1	1.09	1.04	1.00	0.97
2	1.00	0.92	0.86	0.80
3	0.91	0.81	0.73	0.67
4	0.84	0.73	0.64	0.58
5	0.77	0.65	0.56	0.50
6	0.71	0.58	0.50	0.43
7	0.65	0.52	0.44	0.38
8	0.61	0.47	0.39	0.33
9	0.56	0.43	0.35	0.29
10	0.52	0.39	0.31	0.26

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0	1.19	1.19	1.19	1.19
1	1.09	1.05	1.00	0.97
2	1.00	0.92	0.86	0.80
3	0.91	0.81	0.73	0.67
4	0.84	0.73	0.64	0.58
5	0.77	0.65	0.56	0.50
6	0.71	0.58	0.50	0.43
7	0.65	0.52	0.44	0.38
8	0.61	0.47	0.39	0.33
9	0.56	0.43	0.35	0.29
10	0.52	0.39	0.31	0.26