

# Lumination® LED Luminaires

## Suspended Luminaire - LSS Series



CUSTOMER NAME \_\_\_\_\_

Project Name \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Current's LSS suspended linear fixture is designed to deliver direct and indirect lighting to commercial spaces. The direct lighting component is through slots perforated in the fixture. The fixtures offer a long life and high efficacy, allowing for lower maintenance and operating cost. Also available with TriGain® technology.

### CONSTRUCTION

<b>Housing:</b>	Bezel construction. Steel, Cold-rolled, Commercial quality
<b>Paint:</b>	Textured powder coat finish
<b>Weight:</b>	13.2-22lb (6-10kg)
<b>Optical Assembly:</b>	Precision formed optical assembly comprised of high efficiency reflectors and an optical grade lens.

### PERFORMANCE

<b>Lumens:</b>	3000 lm - 11,500 lm
<b>Distribution:</b>	Uplight/Downlight ratio: 75% / 25%
<b>Wattage:</b>	26-89 Watts
<b>Efficacy:</b>	95 LPW - 135 LPW
<b>CCT:</b>	3000K, 3500K, 4000K
<b>CRI:</b>	83, 90+ TriGain

### ELECTRICAL

<b>Input Voltage:</b>	120V/26W-217 mA, 230V/26W-113mA, 277V/26W-94mA
<b>Input Frequency:</b>	60 Hz
<b>Power Factor (PF)*:</b>	>0.9
<b>Total Harmonic Distortion (THD)*:</b>	<20%
<b>Transient Protection:</b>	100 kHz ring wave, 2 kV level
<b>Environmental Testing:</b>	High Temperature High Humidity: 60°C /90% (non-condensing)

\* PF and THD may vary with options

### CONTROLS

**Dimming:** 0-10V,10%

### LUMEN AMBIENT TEMPERATURE

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	-10°C to +35°C (14°F to +95°F)

### LUMEN MAINTENANCE

LXX(10K) @ HOURS 50,000 HR
L85

### MOUNTING

- Suitable for dry locations
- Suspended by aircraft cable kits, ordered as accessories for proper length/configuration selection.
- Feed locations provided with a 14/4 power and an 18/2 dimming control cords and mounts to a standard ceiling junction box.
- Aircraft cables include yoke mounting for in-field fixture leveling.

### DESIGN LIFE & WARRANTY

- Current's Limited 5-year Warranty:  
Please refer to document **IND599** for more information.

### ADDITIONAL NOTES

- Class 2, replaceable, high efficiency LED driver rated for 50,000 hours rated life when used within operating conditions.
- No visible LEDs.

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### Ordering Information

#### CUSTOMER NAME

Project Name \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

### Ordering Information :

#### LSS

#### WHT

SERIES	FIXTURE TYPE (NOMINAL)	LENGTH	VOLTAGE	LUMEN CODE	LUMEN	CONTROLLER	FINISH	END CAP	OPTIONS
LSS = Lumination® Slotted Suspended	I = Independent C = Continuous S = Starter F = Finisher	04 = 4ft 08 = 8ft	0 = 120-277V D = 347V	L = Low Lumen H = High Lumen	1 = 3000K 2 = 3500K 3 = 4000K 6 = 3500K (TriGain) 7 = 4000K (TriGain)	V = 0-10V	WHT = White	B = Bull nose P = Spade N <sup>1</sup> = No End Cap	EL <sup>2</sup> = EMBB A <sup>3</sup> = Additional brand circuit Blank = No options

#### ORDERING NOTES:

1. Continuous fixture only available with No End Cap option.
2. EL option only available with 0-10V controller option and 120V/277V input voltage
3. Additional branch circuit is not available for Independent fixture type



LENGTH	LUMEN CODE	LUMEN	POWER
4 ft	L	3600	29
4 ft	H	5500	41
8 ft	L	7000	51
8 ft	H	11500	85

**Note:** Table Lumens at CCT = 4000K  
Lumen multiplier = 0.98 for CCT = 3500K  
Lumen multiplier = 0.82 for CCT = 3000K  
5W increment for 347V and EMBB Option

POWERFEED & MOUNTING ACCESSORY KITS	PRODUCT CODE	USED WITH FIXTURE TYPE			
		I=INDEPENDENT	S=STARTER	C=CONTINUOUS	F=FINISHER
Powerfeed Kit - Dual Cord (up to 102" drop) - includes 2nd Cord for Dimming	213134	Required	Required	Not Required	Not Required
Non Power Lower Fixture Mounting Kit (cable supports up to 102" drop)	213136	Required	Required	Required	Required
Non Power Upper Ceiling Mounting Kit (includes Ceiling Mounting Hardware*)	93115708	Required	Required	Required	Required

\* 10ft length and White mounting hardware

# Lumination® LED Luminaires

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### Dimensions

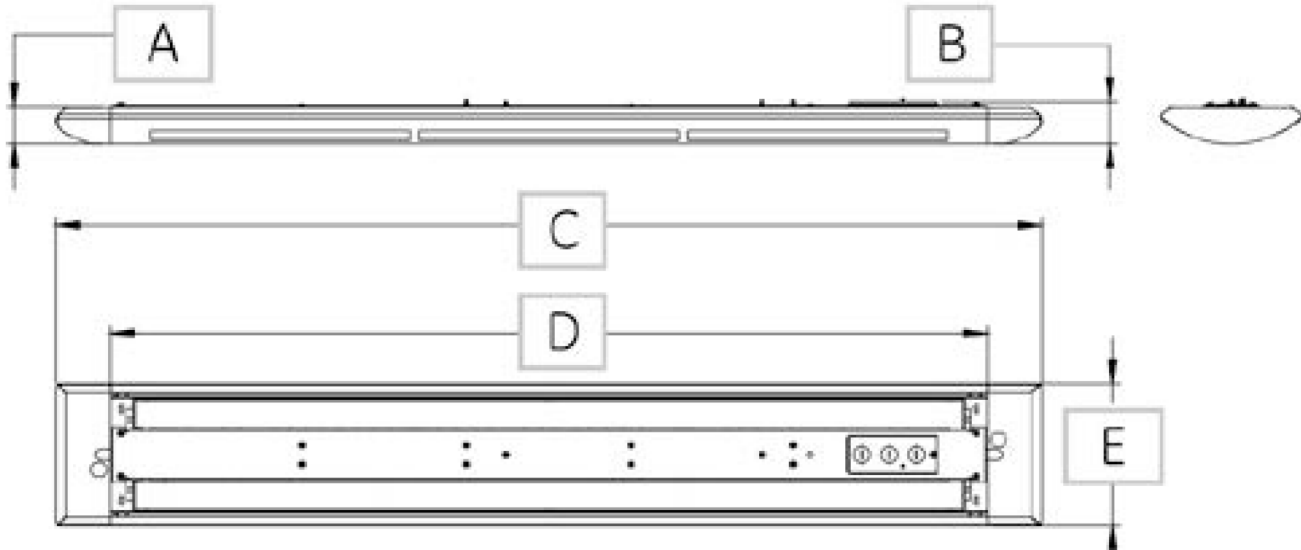
#### CUSTOMER NAME

Project Name \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

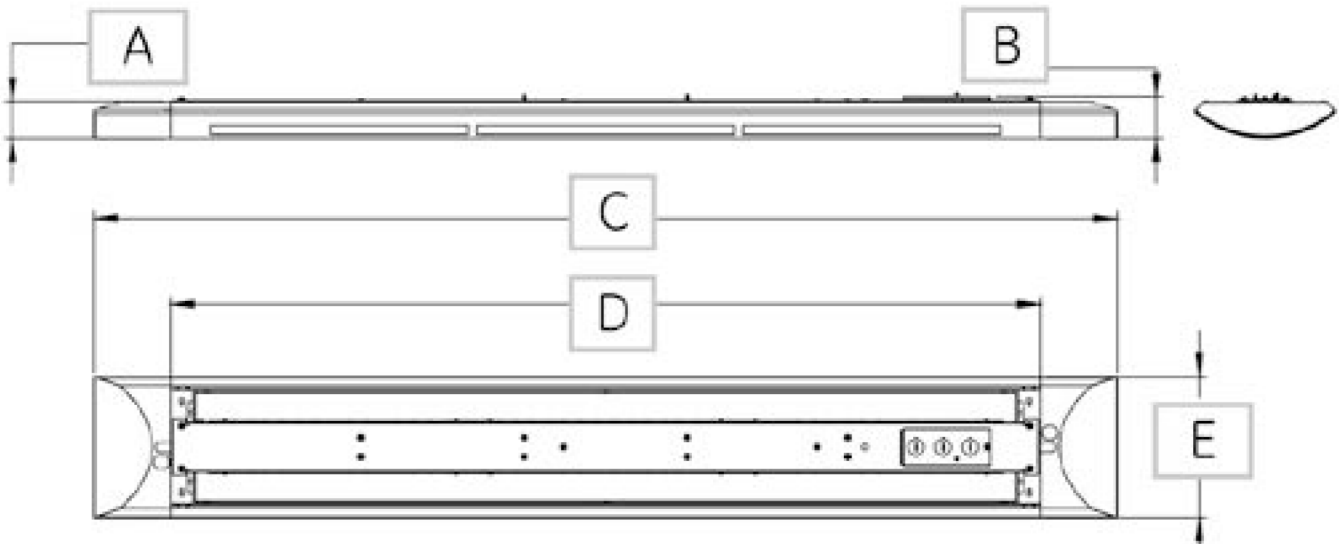
Catalog Number \_\_\_\_\_

#### FIXTURE WITH BULLNOSE END CAPS



FIXTURE	A	B	C	D	E
4'	2.0" (52mm)	2.3" (58mm)	53.9" (1370mm)	48" (1219mm)	7.8" (197mm)
8'	2.0" (51.6mm)	2.3" (58mm)	101.9" (2589mm)	96" (2438mm)	7.8" (197mm)

#### FIXTURE WITH SPADE END CAPS



FIXTURE	A	B	C	D	E
4'	2.0" (52mm)	2.3" (58mm)	53.9" (1370mm)	48" (1219mm)	7.8" (197mm)
8'	2.0" (51.6mm)	2.3" (58mm)	104.5" (2654mm)	96" (2438mm)	7.8" (197mm)

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## Photometric Data

### CUSTOMER NAME

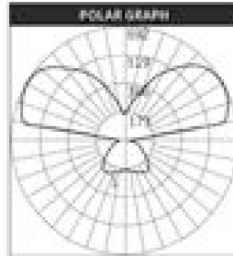
Project Name \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

## PHOTOMETRIC DATA: SS SERIES

### SSS-X-04-0-L3-x-WHT-X

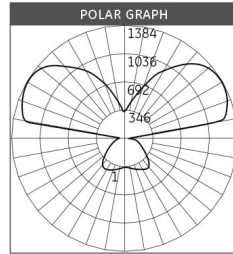


ZONAL LUMEN SUMMARY	
ZONE	LUMENS
0-10	16.62
10-20	51.20
20-30	86.37
30-40	115.79
40-50	128.72
50-60	119.46
60-70	93.69
70-80	64.90
80-90	44.51
90-100	170.60
100-110	451.02
110-120	454.75
120-130	411.16
130-140	330.65
140-150	234.07
150-160	141.58
160-170	67.17
170-180	17.47

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF FIXTURE
0-20	67.82	2.30
0-30	154.18	5.10
0-40	269.97	9.00
0-60	518.16	17.30
0-80	676.74	22.60
0-90	721.25	24.00

Total Luminaire Efficiency = N.A.%

### SS-X-08-0-L3-X-WHT-W



ZONAL LUMEN SUMMARY	
ZONE	LUMENS
0-10	33.25
10-20	102.41
20-30	172.76
30-40	231.62
40-50	257.49
50-60	238.97
60-70	187.40
70-80	129.81
80-90	89.04
90-100	341.25
100-110	902.18
110-120	909.66
120-130	822.45
130-140	661.41
140-150	468.22
150-160	283.21
160-170	134.37
170-180	34.94

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF FIXTURE
0-20	136	2.30
0-30	308	5.10
0-40	540	9.00
0-60	1036	17.30
0-80	1354	22.60
0-90	1443	24.00

Total Luminaire Efficiency = N.A.%

For Additional Information or Product Technical Questions:  
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