CANDELA LIGHTING

5-YEAR WARRANTY · **0-10V** DIMMING · **TRIAC** DIMMING · **DAMP** LOCATION · UL · c UL us LISTED · DLC LISTED PREMIUM

DISCONTINUED - SOME REMAINING STOCK

LSS LENSED STRIP SQUARE LED

The LSS series offers a DLC Premium high-efficiency light output with field selectable color temperature control.

- Storage Facilities
- Hallways & Stairwells
- Low-Bay Warehouse

PHYSICAL

Material	Steel
Mounting	Surface and Suspended
Lens	Polycarbonate
Finish	White Powder Coat

PERFORMANCE

Warranty	5 years
Certifications	Damp Location, UL, cULus, DLC Premium
IP Rating	IP20
Rated Life	50,000+ hours
Operating Temperature	-30°C to 40°C (-22°F to 104°F)
CCT	3500K, Field Selectable: (3000K/4000K/5000K) 4000K STANDARD FACTORY SETTING
CRI	80+

ENERGY CHART

SIZE	LENGTH feet	LUMENS	WATTAGE	EFFICACY lm/w
2	2	2500	20	125
4	4	3750	30	125
8	8	6250	50	125

ELECTRICAL

Wattage	20W, 30W, 60W
Voltage	120V, 120-277V, 347-480V
Power Factor	>0.98
Dimmable	0-10V (120-277V, 347-480V) or Triac (120V)

ORDERING LOGIC

EX: LSS-2-12-FS1-010-CL

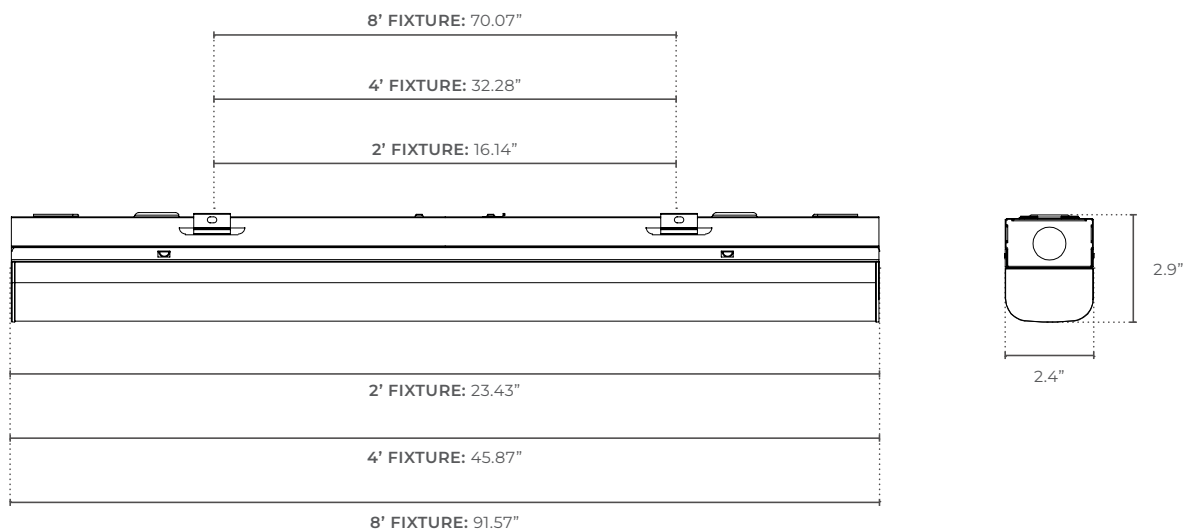| FAMILY	REMAINING STOCK
LSS	
2-12-FS1-010-CL	2' Length, 20W, 120-277V, Field Selectable CCT (3000K/4000K/5000K), 0-10V Dimming, Clear Lens
4-12-35-010-MW	4' Length, 30W, 120-277V, 3500K CCT, 0-10V Dimming, Milky White Lens
4-12-FS1-010-CL	4' Length, 30W, 120-277V, Field Selectable CCT (3000K/4000K/5000K), 0-10V Dimming, Clear Lens
4-12-FS1-010-MW	4' Length, 30W, 120-277V, Field Selectable CCT (3000K/4000K/5000K), 0-10V Dimming, Milky White Lens
8-12-35-010-MW	8' Length, 50W, 120-277V, 3500K CCT, 0-10V Dimming, Milky White Lens

SEE NEXT PAGE FOR ACCESSORIES

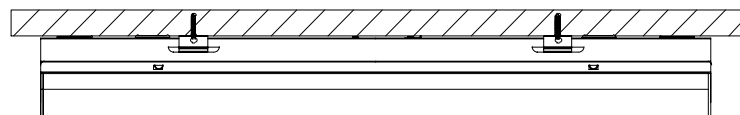## ACCESSORIES ORDERING LOGIC (ORDER SEPARATELY)

EX: LSS-OS/RC

FAMILY	ACCESSORIES	
LSS		

4WG 4' Wire Guard

DIMENSIONS

8' FIXTURE: 70.07"

4' FIXTURE: 32.28"

2' FIXTURE: 16.14"
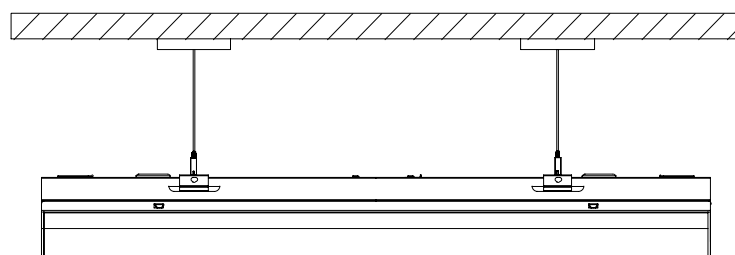
2' FIXTURE: 23.43"

4' FIXTURE: 45.87"

8' FIXTURE: 91.57"

2.9"

2.4"

MOUNTING

Surface Mount

Suspended Mount

REV 2025 0128

SPECIFICATIONS AND DETAILS ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION. CONTACT SAGE BRANDS FOR UP TO DATE DETAILS.
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BI-LEVEL SENSOR
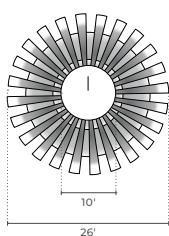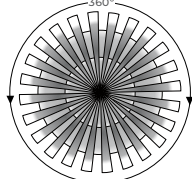
SPECIFICATIONS

Operating Temperature	-40°C - 70°C (-40°F - 158°F)
Power Supply	120/277VAC - 50/60Hz
Maximum Load	Resistive/Tungsten - 600W at 120V Ballast Electronic (LED) - 800VA at 120V/1200VA at 277V
HF System	5.8GHz CW
Dim Control Output	0-10V, Maximum 25mA Sinking Current
Detection Radius/Angle	Maximum 26ft
Mounting Height	Maximum 20ft
Humidity	Maximum 95% RH

SETTINGS

Sensitivity	20%, 50%, 75%, or 100%

Controls the sensitivity of the sensor. 100% is maximum sensitivity.

Hold Time	10sec, 1min, 5min, 15min

Sets the amount of time that the luminaire remains at 100% full brightness after motion is no longer detected.

Daylight Sensor	Disabled, 1fc, 3fc, 5fc

Controls the daylight sensor and ambient brightness threshold. If ambient brightness is lower than set threshold, the motion sensor is enabled and will turn the luminaire on when motion is detected. If ambient brightness exceeds the set threshold, the motion sensor is diabled and the luminaire will not turn on when motion is detected. If daylight sensor is disabled, then the sensor will control the luminaire output according to motion that is sensed in the detection area.

Stand-By Light Level	0%, 10%, 30%, 50%

Sets the low level or bi-level output of the luminaire when motion is no longer present in the detection area. 50% is default for OSBL specifications.

Stand-By Time	1min, 30min, 60min, Infinite

Sets the amount of time that the luminaire remains at Standy-By Light Level before it's switched off. Infinite means the luminaire doesn't turn off and will always remain at the Stand-By Light Level if no motion is sensed in the detection area.
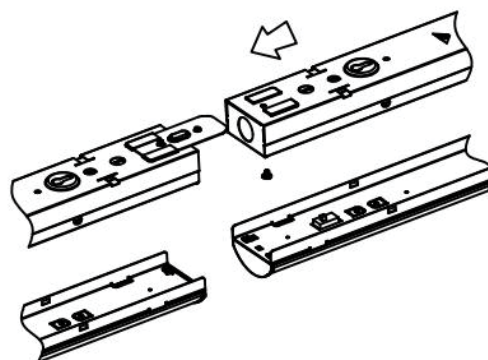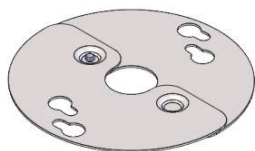
Installation Height | Detection Range | Detection Angle

EMERGENCY BACKUP

SPECIFICATIONS

Universal Input Voltage	100-277VAC - 50-60Hz
AC Input Current	100mA Maximum
Output Power	10W
Emergency Time	≥1.5H
AC Input Power Rating	7.0W Maximum
Output Current & Voltage	200-400mA 25-48Vdc
Battery	Li-Ion - 11.1V/2000mAH

CONNECTION PLATE

JUNCTION BOX COVER

REFLECTOR