PORTOR LIGHTING
a PORTOR INDUSTRY brand

Catalog Number:	Project Name:	Note:	Date:	Type:

The LS1 series is a slim, light weight and energy efficient luminaire that is equipped with 0-10V dimming capability and a field-adjustable CCT and wattage selector.

The fixture includes standard surface mounting kit excellent for utility applications such as parking garage, warehouse, hallway, storage facility, restrooms and stairwell.

Available in 2'/4'/8'

3CCT SELECTOR

WATTAGE SELECTOR

CONSTRUCTION
The luminaire features matte white finish and galvanized housing. T-bar mounting hole make it easy for installation, and multiple knock-outs provide options for occupancy sensor.

OPTICAL SYSTEM
Luminaire is built with the highest quality driver that is Universal Voltage (120V-277V), uses long lasting, high-efficient LED package.

LENS
Frosted lens diffuser reduces glare and improves overall light output.

SENSOR READY
Motion sensor and daylight harvesting sensor available, for factory installation.

ENERGY SAVINGS
Over 50% energy savings than traditionally fluorescent fixtures, low heat productions requires less maintenance and operation cost.

LISTING
UL Listed, DLC Premium Listed

LIFESPAN
L70 >100,000 hours

WARRANTY
5 year Limited Warranty

	WATTAGE	DELIVERED LUMENS	EFFICACY
2'	15W/20W/25W	3,561	150 lm/W
4'	25W/30W/40W	5,240	132 lm/W
8'	55W/60W/65W	8,515	132 lm/W

Based on the highest wattage @ 4000K default setting, 80 CRI. Actual lumens may vary.

TECHNICAL SPECIFICATION

CCT	3500K/4000K/5000K
CRI	80+
DIMMABLE	0-10V dimming
VOLTAGE	120V-277V
POWER FREQUENCY	50/60 Hz
POWER FACTOR	>0.9
THD	≤10%
WORKING TEMPERATURE	-40ºF ~ 122ºF
STORAGE TEMPERATURE	-40ºF ~ 158ºF
IP RATING	IP44, Suitable for damp locations
WARRANTY	5 year limited

c UL us LISTED   DLC LISTED PREMIUM   RoHS COMPLIANT   DIMMABLE   100,000 Life Hours

ORDERING SAMPLE: ___ - ___ - ___ - ___ - ___ - ___

Series	Size	CCT/Wattage
PT-LS1 LED Linear Strip Luminaire	**2FT** (2-footer)	**3CP** (3500K/4000K/5000K) (15W/20W/25W)
	4FT (4-footer)	**3CP** (3500K/4000K/5000K) (25W/30W/40W)
	8FT (8-footer)	**3CP** (3500K/4000K/5000K) (55W/60W/65W)

Accessories/Options		
EM Battery	Sensor	Mounting
___ Blank	___ Blank	___ Blank (Standard surface mount)
PT-EMN-08W-050	PT-UNI2-SP-PR	A-CBL
PT-EMN-15W-050	ELB-UNI (Required)	WG-LS1-4F
	MSH-RC2	CON-LS1
	PT-UNI-35-NDP	
	ELB-UNI-35 (Required)	
	MSS-RC-100	

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DIMENSION

B

C
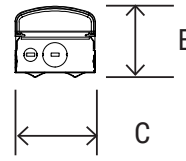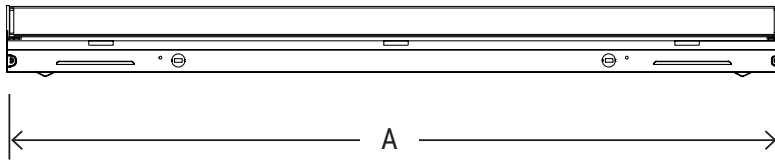
QTY/BOX

6

DIMENSION	PT-LS1-8FT	PT-LS1-4FT	PT-LS1-2FT
A	**94.2"**	**47.3"**	**22.2"**
B	**2.52"**	**2.52"**	**2.52"**
C	**2.83"**	**2.83"**	**2.83"**

CCT AND WATTAGE SELECTOR

Tunable 3CCT SELECTABLE

WATTAGE 3W SELECTOR
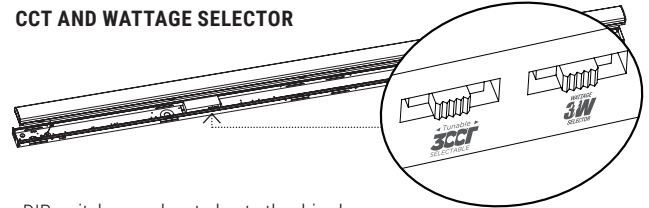
• DIP switches are located onto the drive box.
• Select a wattage and color temperature by sliding switch left or right respectively to the desired value.
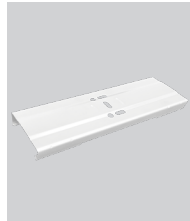
MOUNTING OPTION

SM
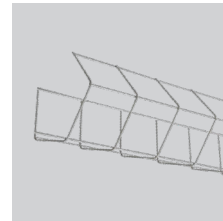Surface mount (Standard)
Comes with junction cover

A-CBL
Hanging wire for
strip light

CON-LS1
Connector

WIRE GUARD OPTION

WG-LS1-4F
Wire guard for 4-ft LS1

*(For 8-ft fixtures,
two WG-LS1-4F are needed)*

EM BATTERY OPTION

PT-EMN-08W-050 (4FT)
PT-EMN-15W-050 (8FT)
LED Emergency Driver

SENSOR OPTION

PT-UNI2-SP-PR
Dimmable PIR
Motion Sensor
with Daylight
Harvesting

ELB-UNI
Elbow for
UNI2-SP-PR
(Required)

MSH-RC2
Intelligent
Control Unit

PT-UNI-35-NDP
Dimmable PIR
Motion Sensor

ELB-UNI-35
Elbow for
UNI-35-NDP
(Required)

MSS-RC-100
Intelligent
Control Unit