

JSTR-ES-CPS SERIES

ECONOMY CCT & WATTS SELECTABLE

STRIP LUMINAIRE

PRODUCT DESCRIPTION

The **JSTR-ES-CPS Series** includes, 4ft and 8ft designed to replace fluorescent strip lighting with its slim & high quality design, integrated controls options and innovative mounting accessories.

STANDARD FEATURES

Lens

- Polycarbonate lens

Electrical System

- Power Selectable: **4'-40W** (40W, 32W, 24W)
4'-50W (50W, 40W, 30W)
4'-60W (60W, 50W, 40W, 30W, 25W)
8'-80W (80W, 70W, 60W)
8'-100W (100W, 90W, 80W, 60W, 40W)
- Input Voltage: CC 120-277VAC / 347VAC Internal driver
- Selectable CCT: 3500K, 4000K, 5000K and 3500K, 4000K, 5000K, 5700K, 6500K
- Efficacy: 130 lm/W
- Power Factor: 0.90
- CRI: 80
- Operating Temperature Range: -40°C to 45°C (-40°F to 113°F)
- Storage Temperature Range: -40°C to 80°C (-40°F to 176°F)
- Integral Surge Protection: L/N-PE: 2kV, L-N: 2kV

Dimming and Controls

- 0-10V Dimming

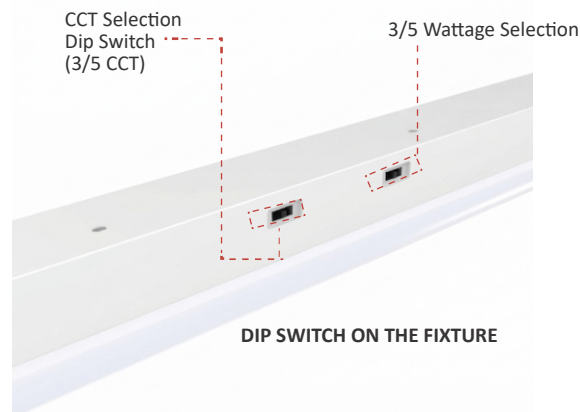
Mounting Options

- Surface mount standard
- Suspension Mounting Kit

OPTIONAL FEATURES

- Bi-Level Microwave Occupancy/Motion Sensor
- Bi-Level PIR Sensor
- 8W and 15W Emergency Battery Pack

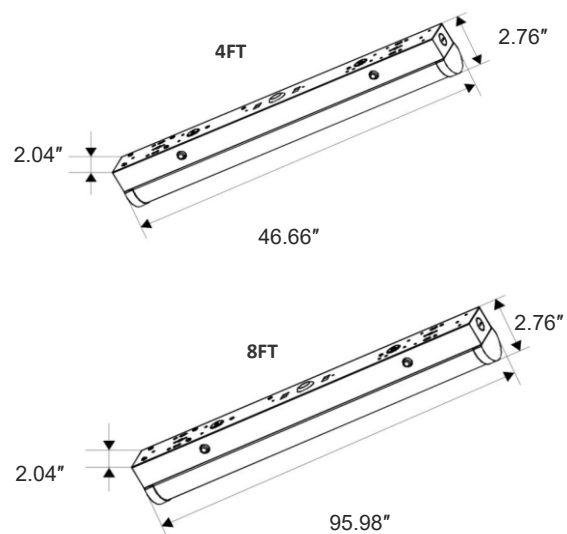
POWER AND CCT SWITCHABLE



SPECIFICATIONS

Max Dimensions	4' / 8'
Power Selectable	4'-40W (40W, 32W, 24W) 4'-50W (50W, 40W, 30W) 4'-60W (60W, 50W, 40W, 30W, 25W) 8'-80W (80W, 70W, 60W) 8'-100W (100W, 90W, 80W, 60W, 40W)
Input Voltage	CC 120-277VAC / 347VAC Internal driver
Efficacy	130 lm/W
CRI	80
CCT Selectable	3500K, 4000K, 5000K and 3500K, 4000K, 5000K, 5700K, 6500K
Power Factor	0.90
Lifetime based on TM21	50,000 Hrs
Limited Warranty:	5 Years

PRODUCT DIMENSIONS



Quotations: quotes@jademar.com
To place an order: orders@jademar.com
Tel: (305) 640.0465 | Fax: (305) 640.0468
WWW.JADEMAR.COM



Jademar Lighting has prepared the information contained in this document with due care. However, Jademar Lighting does not warrant or represent that the information is free from errors or omission. While the information is considered to be true and correct at the date of publication, changes in circumstances after that date may impact on its accuracy. The information may change without notice and Jademar Lighting is not liable for the accuracy of any information printed and stored or interpreted or used. Revised 08/2026

Project Name/Type:		Date:
Catalog/Part #:		

JSTR-ES-CPS SERIES ECONOMY CCT & WATTS SELECTABLE STRIP LUMINAIRE

ORDERING INFORMATION / EXAMPLE: **JSTR-ES-CPS-4-40W-CS3-D-BMWO-SM-EM8**

JSTR-ES-CPS				D	
Product Series	Size-Wattage	CCT Selectable	Input Voltage	Dimming	Control Options
JSTR-ES-CPS	4-40W 4'-40W (40W, 32W, 24W) 4-50W 4'-50W (50W, 40W, 30W) 8-80W 8'-80W (80W, 70W, 60W) 4-60W 4'-60W (60W, 50W, 40W, 30W, 25W) 8-100W 8'-100W (100W, 90W, 80W, 60W, 40W)	CS3 3500K, 4000K, 5000K CS5 3500K, 4000K, 5000K, 5700K, 6500K	Blank 120-277VAC (Standard) H 120-347VAC	D 0-10V Dimming (Standard)	Blank No sensor/controls BMWO Plug & play Bi-Level MW motion/occ sensor BPIR Plug & play Bi-Level PIR motion/occ sensor SR-NLC-MWS Silvair Microwave Sensor Integral Magnet Mount CB-NLC-MWS Casambi Microwave Sensor Integral Magnet Mount BN-NLC-MWS Bubblynet Microwave Sensor Integral Magnet Mount SR-NLC-FC Silvair Fixture Controller, 12-24VDC, 0-10 Volt Dimming with sensor input CB-NLC-FC Casambi Fixture Controller, 12-24VDC, 0-10 Volt Dimming with sensor input BN-NLC-FC Bubblynet Fixture Controller, 12-24VDC, 0-10 Volt Dimming with sensor input
Mounting Options	Emergency Battery Pack				
SM Surface mount kit SUK5 Suspended mount kit 5ft	EM8 8W Emergency Battery Pack Internal EM15 15W Emergency Battery Pack Internal				

FIELD INSTALLED OPTIONS

BMWO-RC	BMWO Handheld remote controller
FCN4	Fixture connector for fixture to fixture continuous run includes connecting plate and wire for 4ft
FCN8	Fixture connector for fixture to fixture continuous run includes connecting plate and wire for 8ft
LWH	Linkable wire harness for fixture-to-fixture continuous run



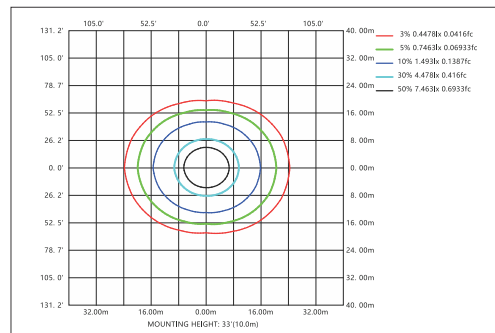
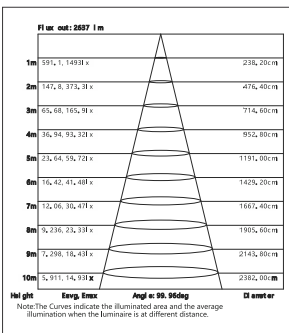
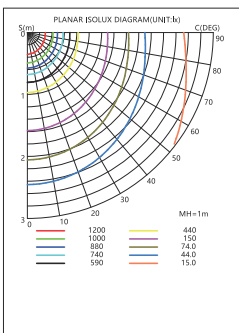
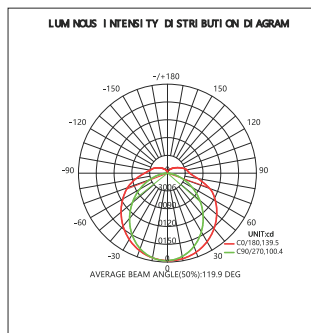
PERFORMANCE AND ELECTRICAL DATA TABLE

Model Number	JSTR-ES-CPS-4-40W	JSTR-ES-CPS-4-50W	JSTR-ES-CPS-8-80W	JSTR-ES-CPS-4-60W	JSTR-ES-CPS-8-100W
Input Power	40W / 32W / 24W	50W / 40W / 30W	80W / 70W / 60W	60W / 50W / 40W / 30W / 25W	100W / 90W / 80W / 60W / 40W
Lumens	5200 lm	6500 lm	10400 lm	7800 lm	13000 lm
CCT	Selectable: 3500K, 4000K, 5000K			Selectable: 3500K, 4000K, 5000K, 5700K, 6500K	
Input Voltage	CC 120-277VAC / 347VAC Internal driver				
CRI	80				
Power Factor	0.9				
Dimming & Controls	0-10V Dimming Standard / Bi-level Microwave Occupancy Sensor / Bi-level PIR Sensor				
Lifetime Based on TM21	50,000 Hrs				
Limited Warranty	5 Years				



PHOTOMETRY

JSTR-ES-CPS-4-40W (5000K CCT)



JSTR-ES-CPS-4-50W (5000K CCT)

