

JSTRE SERIES

CCT AND POWER SELECTABLE CONTROLS

READY DIRECT LINEAR AND LOW-BAY

STRIP LUMINAIRE

PRODUCT DESCRIPTION

The **Jademar JSTRE-CPS Linear Strip Light** is a versatile and energy-efficient lighting solution ideal for a wide range of indoor applications, including hospitals, schools, shops, restaurants, storage rooms, and supermarkets. Its sleek design and durable construction ensure excellent performance in damp locations.

The fixture is also compatible with advanced lighting controls that meet Design Lights Consortium (DLC) networked lighting control system technical requirements. It supports energy monitoring, high-end trim functions, and is compatible with LLLC systems, providing enhanced control and energy savings.

STANDARD FEATURES

Construction and Materials

- Aluminum Alloy with White Powder Coat Finish and Frosted Acrylic Lens

Optical System

- 112° PC Optics Standard

Electrical System

- Power Selectable: **2'-25W** (25W, 20W, 15W) / **4'-40W** (40W, 30W, 25W) / **4'-80W** (80W, 60W, 50W) / **8'-65W** (65W, 60W, 55W) / **8'-180W** (180W, 120W, 110W)
- Input Voltage: CC 120-277VAC Internal driver
- Selectable CCT: 3500K, 4000K, 5000K
- Efficacy: 149 lm/W to 156 lm/W
- Power Factor: >0.90
- CRI: >80
- Operating Temperature Range: -40°C to 50°C (-40°F to 122°F)
Note: Operating with emergency battery temperature range: -5°C to 50°C (23°F to 122°F)
- Total Harmonic Distortion: >15% on average
- Integral Surge Protection: L/N-PE: 2kV, L-N: 2kV

Dimming and Controls

- Dimming Capability and Range: Continuous Dimming to 10% or below
- Integral Control Capability: Energy Monitoring, High End Trim, LLLC
- Sensor Types: Occupancy Sensing
- SSL V5 Wired Communication Protocol: 0-10V Analog

Mounting Options

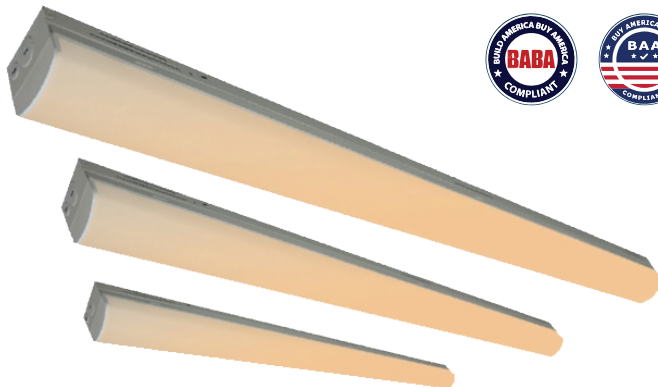
- Pendant mount with aircraft cable standard
- Surface/Ceiling/Wall mount standard
- Suspension Mounting Kit

Certifications and Compliance

- UL, DLC Premium, FCC Listed
- Meets FCC Part 15, Subpart B, Class A limits for conducted & radiated Emissions

OPTIONAL FEATURES

- Bi-Level Microwave Occupancy/Motion Sensor with Daylight Harvesting
- Bi-level microwave Stand-Alone Sensor with free Bluetooth smart device App with programmable remote
- Emergency Battery Backup 8W or 15W option
- 3-Wire or 5-Wire Metal/Flex Conduit and Linkable Cable for Quick Connect
- Additional Power Cord Length
- NEMA Plug Options
- Strip Light Connector 2FT / 4FT / 8FT
- Wire Guard options for 2FT / 4FT / 8FT



SPECIFICATIONS

Max Dimensions	2' / 4' / 8'
Input Power	Selectable: 2'-25W (25W, 20W, 15W) 4'-40W (40W, 30W, 25W) 4'-80W (80W, 60W, 50W) 8'-65W (65W, 60W, 55W) 8'-180W (180W, 120W, 110W)
Input Voltage	CC 120-277VAC Internal driver
Efficacy	149 lm/W to 156 lm/W
CRI	>80
THD @ 120V AC	>15
CCT	Selectable: 3500K, 4000K, 5000K
Power Factor	>0.90
Ambient Working Temp	-40°C to 50°C (-40°F to 122°F) Ambient
Beam Angle / Field Angle	112°
Lifetime based on TM21	L70 @ ≥ 181,000 hrs L80 @ ≥ 132,000 hrs L90 @ ≥ 101,000hrs
Certification & Compliance	UL & DLC Premium / FCC
Limited Warranty:	10 Years

PRODUCT DIMENSIONS



Product Series	L	W	H1	H2
2FT	22.2" (564mm)	2.8" (72mm)	2.3" (60mm)	2.5" (64mm)
4FT	47.3" (1,202mm)	2.8" (72mm)	2.3" (60mm)	2.5" (64mm)
8FT	94.2" (2,392mm)	2.8" (72mm)	2.3" (60mm)	2.5" (64mm)



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WWW.JADEMAR.COM



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SPECIFICATION SUBMITTAL DETAIL

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

JSTRE-CPS SERIES CCT AND POWER SELECTABLE CONTROLS READY DIRECT LINEAR AND LOW-BAY STRIP LUMINAIRE

ORDERING INFORMATION / EXAMPLE: **JSTRE-CPS-4-40W-D-BMWO-EM15-MC6-3W-PWC12-WH**

Product Series	Size-Wattage	CCT	Input Voltage	Dimming	Control Options	Mounting Options
JSTRE-CPS	2-25W 2FT (25W, 20W, 15W) 4-40W 4FT (40W, 30W, 25W) 4-80W 4FT (80W, 60W, 50W)* 8-65W 8FT (65W, 60W, 55W) 8-180W 8FT (180W, 120W, 110W)*	Blank Selectable: 3500K, 4000K, 5000K	Blank 120-277VAC (Standard)	D 0-10V Dimming (Standard) 1PD 1% Dimming Driver Option	Blank No sensor/controls Factory setting for this sensor options is: 50% dim, 20 minutes delay then off. For different factory settings, description must be noted on the order BMWO-STR Factory setting for this sensor options is: 50% dim, 20 minutes delay - never turn off. For different factory settings, description must be noted on the order BMWO-DH Factory setting for this sensor options is: 50% dim, 20 minutes delay then off. For different factory settings, description must be noted on the order (Daylight harvesting) 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	Blank Suspension Kit - V Hanger kit with 4FT Aircraft Cable, Surface & Wall mount (Standard)

*Special Order (may cost more and may come extend lead times).
 *Higher output custom-lumens are available upon request (for 8-180W only). Please send an RFQ.

Emergency Backup	Cable Connectors	Other Options
EM8 8W Emergency Battery Pack Internal EM15 15W Emergency Battery Pack Internal	MC6-3W 6ft - 3/8" cable, 1/2 quick connectors 3 - Wire MC6-5W 6ft - 3/8" cable, 1/2 quick connectors 5 - Wire LINK6-ST/EN 6FT Linkable Cable For Quick Connect Fixture to Fixture Run - Starter Unit LINK6-MD 6FT Linkable Cable For Quick Connect Fixture to Fixture Run - Middle Unit	Blank Not BAA/BABA AMBC Anti-Microbial Coating PWCx-yy Additional Power Cord Length, 120-480V* *x" for the desired length and "yy" for cord color NPx-yyA Twist Lock Nema Plug* *x" for voltage and "y" for Amperage



MC6-W & MC65W



LINK6-ST/EN & LINK6-MD

FIELD INSTALLED OPTIONS

JSTRE-CPS-SUM	Surface Mount Kit for 2FT, 4FT, & 8FT Models	JSTRE-WG-2FT	Wire Guard for 2FT Models
JSTRE-CPS-SLC	Strip Light Connector for 2FT, 4FT, & 8FT Models	JSTRE-WG-4FT	Wire Guard for 4FT Models
JSTRE-CPS-4-LENS	Replacement lens for 4FT	JSTRE-WG-8FT	Wire Guard for 8FT Models
JSTRE-CPS-8-LENS	Replacement lens for 8FT	BMW-RC	Remote control

*See price book for ordering details
 BAA Buy American Act
 BABA Build America, Buy America Act



JSTRE-CPS-SUM

JSTRE-CPS-SLC

JSTRE-CPS-WG-2FT
JSTRE-CPS-WG-4FT
JSTRE-CPS-WG-8FT

PERFORMANCE AND ELECTRICAL DATA TABLE

Model Number	JSTRE-CP5-2-25W			JSTRE-CP5-4-40W			JSTRE-CP5-4-80W			JSTRE-CP5-8-65W			JSTRE-CP5-8-180W		
Input Power	25W	20W	15W	40W	30W	25W	80W	60W	50W	65W	60W	55W	180W	120W	110W
Efficacy (lm/W)	149	154	152	153.0	155.0	152.0	152.5	155.1	152.2	149.0	153.0	156.0	148.8	152.0	156.3
Initial Lumens	3,719	3,077	2,285	6,100	4,653	3,806	12,200	9,306	7,612	9,677	9,190	8,595	26,784	18,240	17,190
DLC QPL ID (Linear Ambient)	S-LCW0DX			S-MK93LN						S-BV9W3X					
DLC QPL ID (Low-Bay)				S-G638ZS						S-VSSPNL					
Max Dimensions (L x W x H1 x H2)	22.2" x 2.8" x 2.3" x 2.5"			47.3" x 2.8" x 2.3" x 2.5"						94.2" x 2.8" x 2.3" x 2.5"					
CCT	Selectable: 3500K, 4000K, 5000K														
Input Voltage	CC 120-277VAC Internal driver														
CRI	>80														
THD @120VAC	>15%														
Power Factor	≥0.90														
Light Distribution	112° PC Optics Standard														
Certifications & Compliance	FCC, UL and DLC Listed														
Standard Controls Specification	0-10V Dimming Standard / 1% Dimming / Options: Bi-level Microwave Occupancy Sensor w/ Hand-held Remote Control or Network Lighting Indoor Controls System														
Construction	Aluminum Alloy with White Powder Coat Finish, and Frosted Acrylic Lens														
Ambient Working Temp	-40°C to 50°C (-40°F to 122°F) Ambient														
Lifetime Based on TM21	L70 @ 181,000Hrs. / L80 @ 132,000Hrs. / L90 @ 101,000Hrs.														
Limited Warranty	10 Yrs														

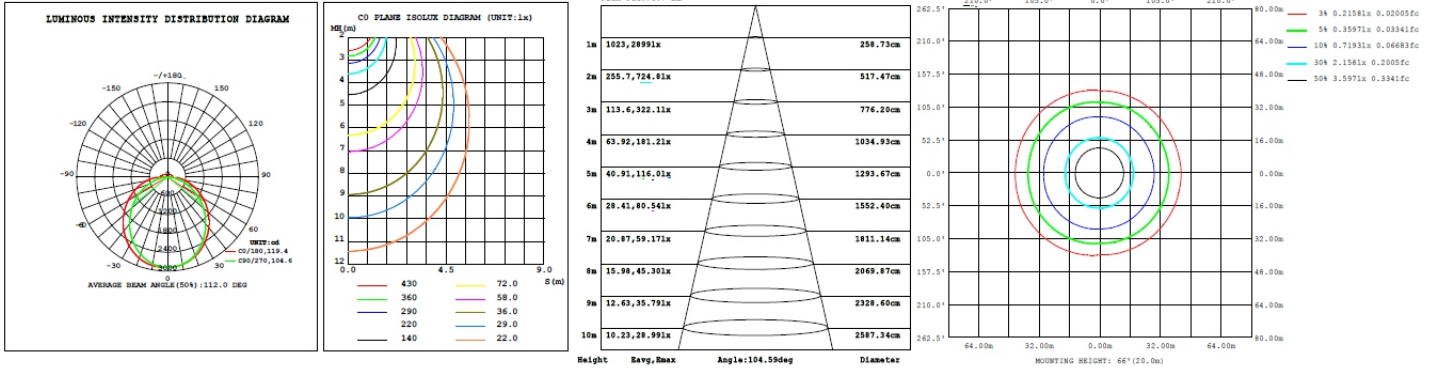


JSTRE-CPS-4 (40W & 3500K)

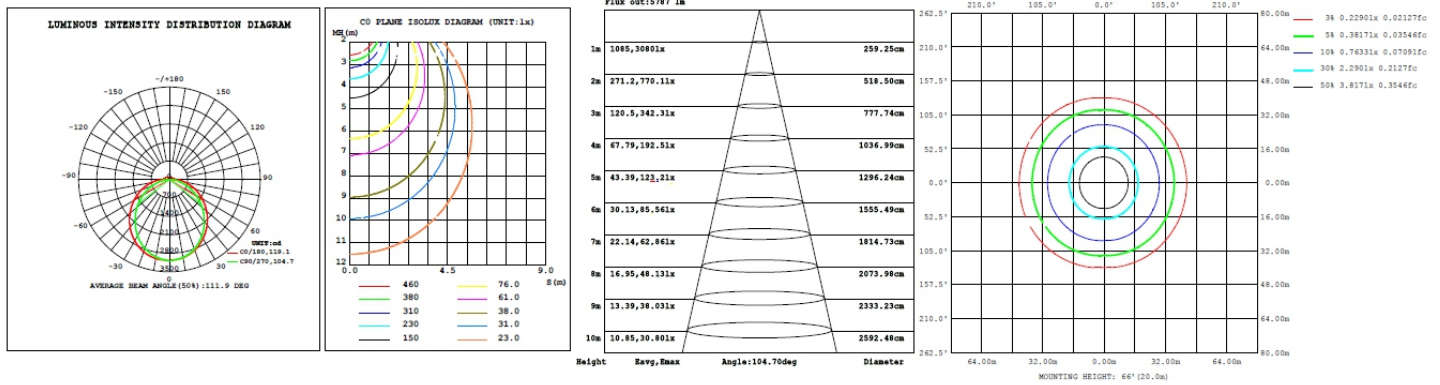


PHOTOMETRY

JSTRE-CPS-8 (65W & 3500K)



JSTRE-CPS-8 (65W & 4000K)



JSTRE-CPS-8 (65W & 5000K)

