

JADIL-25 SERIES

DIRECT ONLY OR DIRECT/INDIRECT CCT, POWER & LIGHT DISTRIBUTION SELECTABLE

PRODUCT FEATURES

CONSTRUCTION

- Black, white, silver gray, and any other custom-specified RAL finish
- An independent LED uplighting module is available
- Custom patterns with optional L, X and T joiners
- Strong, durable formula for long-lasting color retention
- The diffuser and die-cast aluminum endcaps at the fixture ends overlap to eliminate gaps and visible LEDs

OPTICS

- 5 options of indirect and direct light distributions can be set by dip switch
- 4 Direct Optics Options: Diffuser, Louver, Hex Louver, and Anti Glare Micro Louver
- 3 Indirect Optics Options: Diffuser, Louver, Hex Louver

ELECTRICAL

- Power Selectable: 2Ft (20W/15W/10W); 4Ft (40W/30W/20W); 6Ft (60W/45W/30W); 8Ft (80W/60W/40W)
- Input Voltage: CC 120-277VAC Internal driver
- CCT Selectable: 2700K/3000K/3500K/4000K/5000K
- Efficacy: up to 135 lm/W
- Power Factor: >0.90
- CRI: 80 Standard / 90 Optional
- Operating Temp: -4°F to 104°F (-20°C to 40°C)
- Total Harmonic Distortion: <20%

DIMMING & CONTROLS

- 0-10V Dimming Standard
- PIR Sensor Optional
- Bluetooth Controller or Bluetooth Sensor Optional
- Emergency Battery Optional

MOUNTING

- Drywall-hard ceiling pendant mount
- Drop ceiling pendant mount
- Surface mount
- Wall mount
- Trimless Recessed mount kit - Hard ceiling: 2ft / 4ft / 8ft
- Recessed mount with flange kit - Hard ceiling: 2ft / 4ft / 8ft
- T-Grid recessed mount

RATINGS & CERTIFICATIONS

- UL
- Rohs
- Natatorium Rated
- CCEA (City of Chicago Environmental Air)

Lifetime Based on TM21: L70 179,000 L80 149,000 L90 132,000



SPECIFICATIONS

Input Power	2Ft (20W/15W/10W); 4Ft (40W/30W/20W); 6Ft (60W/45W/30W); 8Ft (80W/60W/40W)
Efficacy	up to 135 lm/W
CRI	80 Standard / 90 Optional
CCT	Selectable: 2700K/3000K/3500K/4000K/5000K
Input Voltage	CC 120-277VAC Internal driver
Dimming & Controls	0-10V Dimming Standard / PIR Sensor / Bluetooth Controller or Bluetooth Sensor Optional / EM Battery Optional
Ingress Protection	IP20 for Damp Locations
Mounting	Standard: Drywall-hard ceiling pendant mount Optional: Drop ceiling pendant mount Surface mount Wall mount Trimless Rec. mount kit - Hard ceiling: 2ft / 4ft / 8ft Rec. mount w/ flange kit - Hard ceiling: 2ft / 4ft / 8ft T-Grid recessed mount
Lifetime Based on TM21	L70 179,000 L80 149,000 L90 132,000
Limited Warranty	10 Years

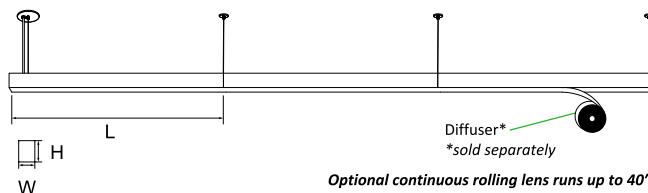
DIMENSIONS

Item	Length (L)		Width (W)		Height (H)	
	Inches (in)	Metric (mm)	Inches (in)	Metric (mm)	Inches (in)	Metric (mm)
JADIL-25-D-CP52-20W	23.62	600	2.48	63	3.15	80
JADIL-25-D-CP54-40W	47.24	1,200	2.48	63	3.15	80
JADIL-25-D-CP56-60W	70.87	1,800	2.48	63	3.15	80
JADIL-25-D-CP58-80W	94.49	2,400	2.48	63	3.15	80

Continuous Run

120VAC: Connections up to 40ft / 277VAC: Connections up to 100ft

Connectors' shapes available (for Diffuser only): L, T, X, V, Y



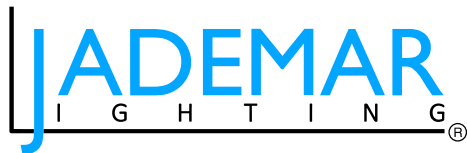
Optional continuous rolling lens runs up to 40'



Quotations: quotes@jademar.com
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SPECIFICATION SUBMITTAL DETAIL

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

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Ordering Information / Example: **JADIL-25-D-CPS6-L-1PD-DWP-2-WH-BPOS-EM-4W**

Product Series	Lighting Direction	CCT & Power, Length	Input Voltage	CRI	Lens/Diffuser	Dimming & Tuning	Mounting Options
JADIL-25	D Direct	CPS2 27/30/35/40/50K, 20W/15W/10W, 2' Linear CPS4 27/30/35/40/50K, 40W/30W/20W, 4' Linear CPS6 27/30/35/40/50K, 60W/45W/30W, 6' Linear CPS8 27/30/35/40/50K, 80W/60W/40W, 8' Linear CPS-XX-XXW-XXK XX: Length / XXW: Watts/Unit/ XXK: CCT Factory set	Blank 120-277VAC	Blank 80 CRI 90 90 CRI	DF Diffuser L Louver HL Hex Louver	D 0-10 down to 5% Dim 1PD 1% Dim DW Dim to warm TW 0-10V Tunable white 1% Linear DALI Dali2 Tunable white 0.1% Linear	DWP-XX Drywall-hard ceiling pendant mount, XX' cable 1PD Drop ceiling pendant mount, XX' cable DCP-XX Surface mount SM Wall mount WM Trimless Recessed mount kit TR Recessed mount with flange kit R-XX T-Grid recessed mount TGR
	DI Direct/Indirect				DF Diffuser LOU Louver HEX Hex Louver		DWP-XX Drywall-hard ceiling pendant mount, XX' cable DCP-XX Drop ceiling pendant mount, XX' cable WM Wall mount

Housing Color	Control Options	Emergency Battery Backup
WH White (Standard) BK Black S Silver CC Replace CC with RAL code	Blank No sensor/controls BPOS BI-level PIR 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	EM-4W 4W EM Pack EM-8W 8W EM Pack EM-15W 15W EM Pack *Only 4ft, 6ft & 8ft units come with integral EM battery packs.

PERFORMANCE AND ELECTRICAL DATA

Product Name	JADIL-25-CPS2			JADIL-25-CPS4			JADIL-25-CPS6			JADIL-25-CPS8		
Length	2 Feet			4 Feet			6 Feet			8 Feet		
Setting	Lv1	Lv2	Lv3	Lv1	Lv2	Lv3	Lv1	Lv2	Lv3	Lv1	Lv2	Lv3
Wattage	20W	15W	10W	40W	30W	20W	60W	45W	30W	80W	60W	40W
2700K (80CRI) Total Lumens / Lumens per Watt	2500 lm / 125 lm/W	1875 lm / 125 lm/W	1250 lm / 125 lm/W	5000 lm / 125 lm/W	3750 lm / 125 lm/W	2500 lm / 125 lm/W	7500 lm / 125 lm/W	5625 lm / 125 lm/W	3750 lm / 125 lm/W	10000 lm / 125 lm/W	7500 lm / 125 lm/W	5000 lm / 125 lm/W
3000K (80CRI) Total Lumens / Lumens per Watt	2500 lm / 125 lm/W	1875 lm / 125 lm/W	1250 lm / 125 lm/W	5000 lm / 125 lm/W	3750 lm / 125 lm/W	2500 lm / 125 lm/W	7500 lm / 125 lm/W	5625 lm / 125 lm/W	3750 lm / 125 lm/W	10000 lm / 125 lm/W	7500 lm / 125 lm/W	5000 lm / 125 lm/W
3500K (80CRI) Total Lumens / Lumens per Watt	2700 lm / 135 lm/W	2025 lm / 135 lm/W	1350 lm / 135 lm/W	5400 lm / 135 lm/W	4050 lm / 135 lm/W	2700 lm / 135 lm/W	8100 lm / 135 lm/W	6075 lm / 135 lm/W	4050 lm / 135 lm/W	10800 lm / 135 lm/W	8100 lm / 135 lm/W	5400 lm / 135 lm/W
4000K (80CRI) Total Lumens / Lumens per Watt	2700 lm / 135 lm/W	2025 lm / 135 lm/W	1350 lm / 135 lm/W	5400 lm / 135 lm/W	4050 lm / 135 lm/W	2700 lm / 135 lm/W	8100 lm / 135 lm/W	6075 lm / 135 lm/W	4050 lm / 135 lm/W	10800 lm / 135 lm/W	8100 lm / 135 lm/W	5400 lm / 135 lm/W
5000K (80CRI) Total Lumens / Lumens per Watt	2600 lm / 130 lm/W	1950 lm / 130 lm/W	1300 lm / 130 lm/W	5200 lm / 130 lm/W	3900 lm / 130 lm/W	2600 lm / 130 lm/W	7800 lm / 130 lm/W	5850 lm / 130 lm/W	3900 lm / 130 lm/W	10400 lm / 130 lm/W	7800 lm / 130 lm/W	5200 lm / 130 lm/W
Number of Drivers	1	1	1	1	1	1	1	1	1	1	1	1
Driver Current (mA)	430	430	430	850	850	850	1300	1300	1300	1700	1700	1700
Current (A) @ 120V	0.17	0.13	0.08	0.33	0.25	0.17	0.5	0.38	0.25	0.67	0.5	0.33
Current (A) @ 208V	0.1	0.07	0.05	0.19	0.14	0.1	0.29	0.22	0.14	0.38	0.29	0.19
Current (A) @ 240V	0.08	0.06	0.04	0.17	0.13	0.08	0.25	0.19	0.13	0.33	0.25	0.17
Current (A) @ 277V	0.07	0.05	0.04	0.14	0.11	0.07	0.22	0.16	0.11	0.29	0.22	0.14

Note: All parameters are based on the frosted diffuser

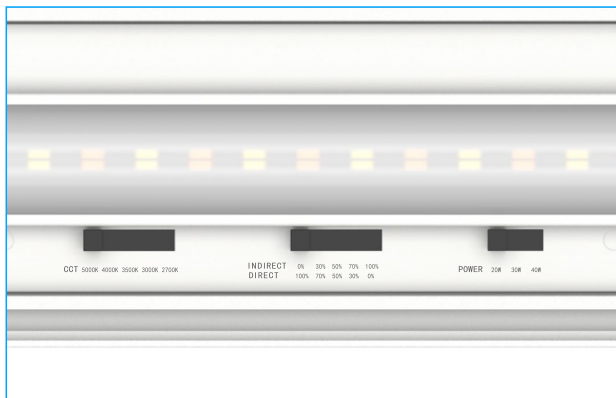


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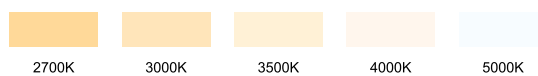
SELECTABLE WATTAGE, CCT AND LIGHT DISTRIBUTION



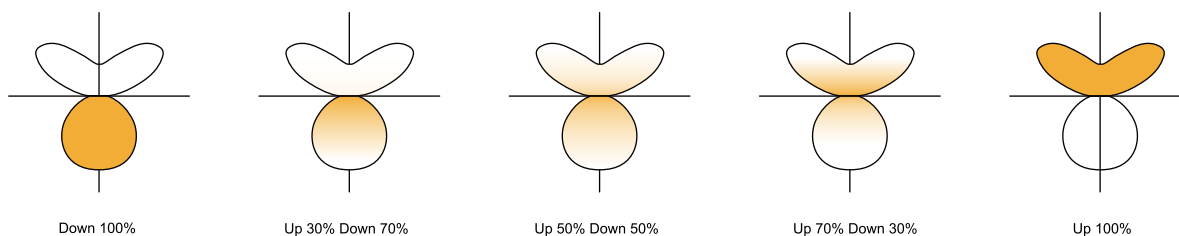
Field Adjustable Power Out-Put



Field Adjustable CCT

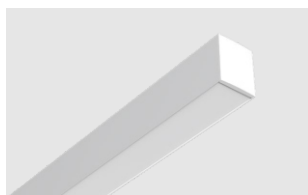


Field Adjustable Direct/Indirect Light Distribution

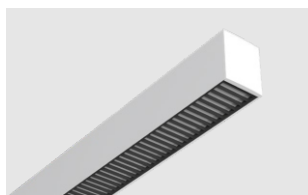


OPTICS

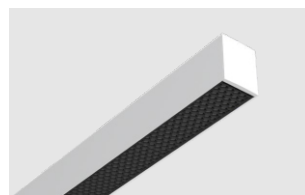
JADIL-25



Diffuser



Louver



Hex Louver



BLUETOOTH® FUNCTIONS

Driver and Control Solution

Tunable white W/ BLE mesh for linear fixture

Bluetooth Linear:

Bluetooth mesh driver, ready for commissioning immediately after installation.

Lumen and CCT Control:

CCT & lumen adjustable, up and down distribution adjustable. Wireless control via wall switch or App.

Motion Sensor

Bluetooth motion sensor for standard linears and an eco sensor for Bluetooth linears.

Control Mode

Bluetooth Wall Switch:

5-Key, battery operated wall switch. Battery life estimated 3+ years. Works with bluetooth motion sensor or bluetooth linears.

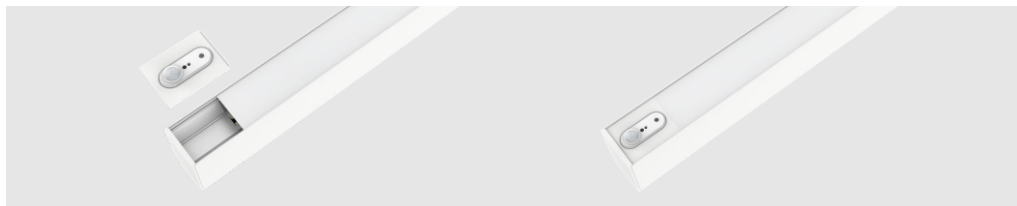
APP Bluetooth Linear:

A free commissioning/control app is incl



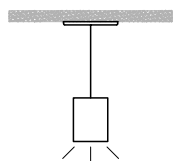
PLUG-IN PIR SENSOR

The optional receptacle for plug-and-play sensor eliminates the need for on-site modifications, making installation quick and hassle-free.

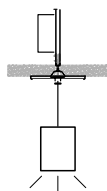


MOUNTING OPTIONS

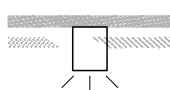
Drywall-hard ceiling
pendant mount



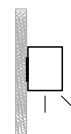
Drop Ceiling Pendant Mount



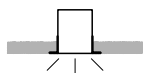
Surface Mount



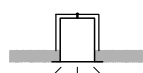
Wall Mount



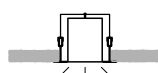
Trimless Recessed Mount



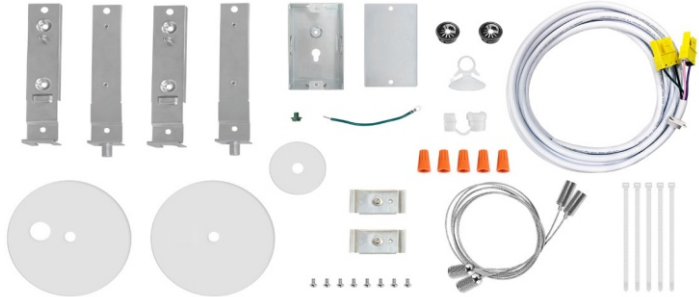
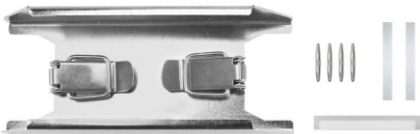
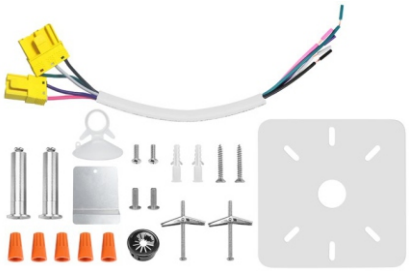
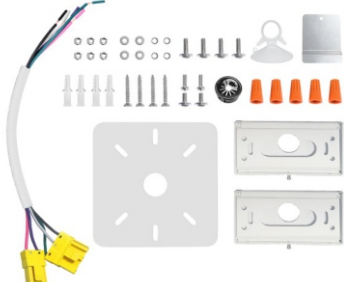
Recessed Mount



T-Grid Recessed Mount



MOUNTING ACCESSORIES

1 DROP CEILING PENDANT MOUNT KIT 	
2 DRY WALL PENDANT MOUNT KIT 	3 6C POWER CORD KIT 
4 STRAIGHT CONNECTOR KIT 	5 SURFACE MOUNT KIT 
6 WALL MOUNT KIT 	7 HARD/DRYWALL CEILING RECESSED MOUNT KIT 

(Cables/cords factory installed on each unit unless requested otherwise)



MOUNTING ACCESSORIES

8 TRIMLESS RECESSED MOUNT KIT 	9 T-GRID RECESSED MOUNT KIT 
10 40FT DIFFUSER 	11 L JOINER 
12 X JOINER 	13 T JOINER 

