

JRDL-ES-CPS SERIES

NSF RATED ECONOMY SERIES RECESSED DOWNLIGHT

STANDARD FEATURES

Construction

- Alluminum housing, Integrated trim with snap clips
- Trim Options Available: 4", 6", 8", 10"
- Provides comfortable diffused light with no dark spots
- Pre-wired with poke-in connectors for easy installation
- Safety chain for secure installation onto existing ceilings

Optics

- High transmission PC lens, 100° beam angle

Electrical Parameters

- Input Voltage: CC 120-277VAC Internal driver
- Wattage Selectable: 4" (12W, 9W, 6W)
6" (22W, 17W, 12W)
8" (30W, 24W, 17W)
10" (38W, 30W, 22W)
- CCT Selectable: 2700K, 3000K, 3500K, 4000K, 5000K
- Working Temperature: -4°F to 113°F (-20°C to 45°C)
- Power Factor: ≥0.9
- CRI: >90 CRI
- LED: Life Minimum 50,000 Hrs in compliance with IES LM-80 testing measurements

Dimming Controls

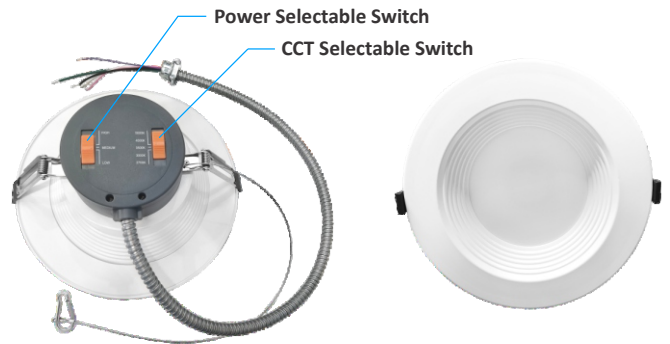
- 0-10V Dimming

Mounting

- Recessed Mount

Certifications & Compliance

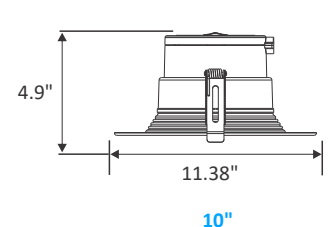
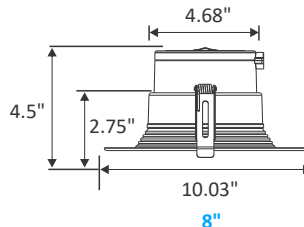
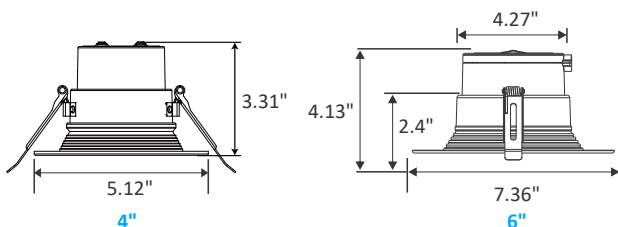
- Energy Star & FCC Listed
- Wet Location
- IC Rated
- NSF Rated
- Pending: cETL & DLC Premium



SPECIFICATIONS

Trim Sizes:	4", 6", 8", and 10" Trim Options
Power Selectable:	12W, 9W, 6W 22W, 17W, 12W 30W, 24W, 17W 38W, 30W, 22W
Efficacy:	80lm/W to 100lm/W
CCT Selectable:	2700K, 3000K, 3500K, 4000K, 5000K
CRI:	>90 CRI
Input Voltage:	CC 120-277VAC Internal driver
Dimming:	0-10V Dimming
Lifetime Based on TM21:	L80 ≥50,000 Hrs.
Certifications & Compliance:	Energy Star Listed, Wet Location, IC Rated, FCC Listed, cETL (Pending) & DLC Premium (Pending)
Warranty:	5 Years

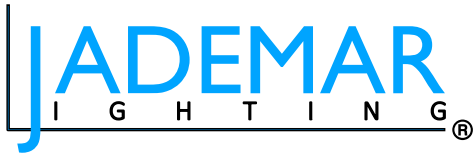
PRODUCT DIMENSIONS



Quotations: quotes@jademar.com
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SPECIFICATION SUBMITTAL DETAIL

PROJECT NAME:

MODEL NUMBER:

DATE:

JRDL-ES-CPS SERIES NSF RATED ECONOMY SERIES RECESSED DOWNLIGHT

ORDERING INFORMATION / EXAMPLE: JRDL-ES-CPS-4-90-BN-NLC-FC-D-W-SG

JRDL-ES-CPS	Trim Size	Power Selectable	CCT Selectable	CRI	Control Options	Dimming
Product Series						
JRDL-ES-CPS	4 4" Trim	Blank 6W, 9W, 12W	Blank 2700K, 3000K, 3500K, 4000K, 5000K	90 90 CRI (Standard)	BN-NLC-FC Bubblynet fixture controller CB-NLC-FC Casambi fixture controller SR-NLC-FC Silvair fixture controller	D 0-10V Dimming
	6 6" Trim	Blank 12W, 17W, 22W				
	8 8" Trim	Blank 17W, 24W, 30W				
	10 10" Trim	Blank 22W, 30W, 38W				

Finish Color	Other Options
W-SG White semi-gloss baffle, white semi-gloss flange	Blank No Anti-Microbial coating
BBWF-SG Black Semi-gloss baffle, white semi gloss flange	AMBC Anti-Microbial Coating
BZBWF-SG Bronze Semi-gloss baffle, white semi-gloss flange	
SBWF-SG Silver Semi-gloss baffle, white semi-gloss flange	
CC Custom Color*	

* Replace CC with desired RAL color

FIELD INSTALLED OPTIONS

EM8	8W Emergency Battery Pack External
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LUMEN PERFORMANCE AND ELECTRICAL DATA

Model Number	JRDL-ES-CPS-4			JRDL-ES-CPS-6			JRDL-ES-CPS-8			JRDL-ES-CPS-10		
Selectable Wattage	12W	9W	6W	22W	17W	12W	30W	24W	17W	38W	30W	22W
Lumen Output (lm)	1,200	900	600	1,760	1,360	960	2,400	1,920	1,360	3,040	2,400	1,760
Efficacy (lm/W)	100lm/W			80lm/W								
CCT Selectable	2700K, 3000K, 3500K, 4000K, 5000K											
Light Distribution	100° Beam Angle											
Input Voltage	CC 120-277VAC Internal driver											
Dimming	0-10V Dimming											
CRI	>90 CRI											
Power Factor	>0.9											
Lifetime Based on TM21	L80 ≥ 50, 000 hrs											
Certifications & Compliance	NSF Rated, Energy Star Listed, Wet Location, IC Rated, FCC Listed, cETL (Pending) & DLC Premium (Pending)											
Limited Warranty	5 Years											



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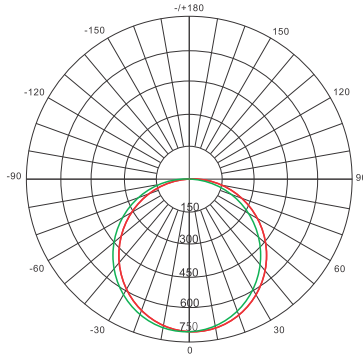


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PHOTOMETRY

JRDL-ES-12W-4



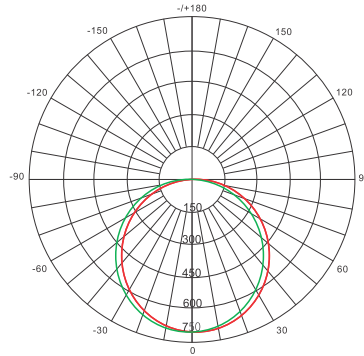
AVERAGE BEAM ANGLE(50%): 120°

UNIT:CD

Test Number: JRDL-ES-12W-4
Lumens:600LM900LM/1200LM
Test Number:6W/9W/12W
Test Number:5000K

— C0/180,110.9
— C30/210,110.5
— C60/240,109.3
— C90/270,109.1

JRDL-ES-22W-6



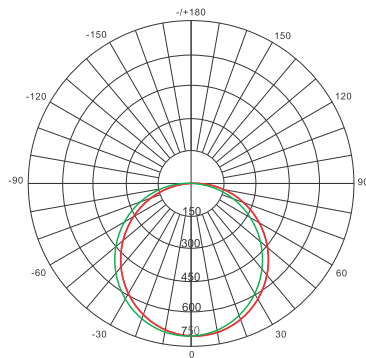
AVERAGE BEAM ANGLE(50%): 120°

UNIT:CD

Test Number: JRDL-ES-22W-6
Lumens:960LM1360LM/1760LM
Test Number:12W/17W/22W
Test Number:5000K

— C0/180,110.9
— C30/210,110.5
— C60/240,109.3
— C90/270,109.1

JRDL-ES-30W-8



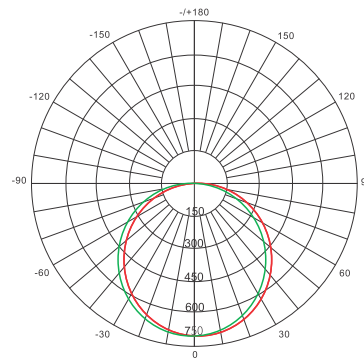
AVERAGE BEAM ANGLE(50%): 120°

UNIT:CD

Test Number: JRDL-ES-30W-8
Lumens:1360LM/1920LM/2400LM
Test Number:17W/24W/30W
Test Number:5000K

— C0/180,110.9
— C30/210,110.5
— C60/240,109.3
— C90/270,109.1

JRDL-ES-38W-10



AVERAGE BEAM ANGLE(50%): 120°

UNIT:CD

Test Number: JRDL-ES-38W-10
Lumens:1760LM/2400LM/3040LM
Test Number:22W/30W/38W
Test Number:5000K

— C0/180,110.9
— C30/210,110.5
— C60/240,109.3
— C90/270,109.1

