535 PRINCELAND COURT, CORONA CA 92879 WWW.JSASSOCIATESINC.COM 951.340.2475

JSA LIGHTING DESIGN

JOB NAME: RESIDENCES ON LA CADENA
PART #: JS-NTP-120-WX-Y-12-940-HW
LOCATION: POOL AREA BENCH
QTY:
TYPE: OL4

120VAC Continuous IP65 Rated LED Tape Light
Source: 3.6W/ft. LED
330lm/ft.

PRODUCT DESCRIPTION
120VAC IP65 Rated LED Tape is the perfect solution for indoor or outdoor applications without the need for LED drivers. Producing up to 330 lumens per foot, tape light can be ordered with cord and plug, or hardwired for dimming. The low profile tape is the ideal for coves, architectural details, under and in cabinets, toe kicks, and back lighting.

FEATURES
- IP65 rated for wet locations
- 120VAC system - Integrated LED driver
- Hardwired or Cord & Plug
- 330 lumens / 3.6W per foot
- Available in a range of color temperatures (2700K, 3000K or 4000K)
- Available in 150' or custom shorter lengths
- Mounting clips included and aluminum channel available

SPECIFICATION
Construction: Continuous LED Tape is cut in the factory to specified lengths.(Note: tape can be cut in 4" increments). Power cords and IP65 rated end caps are installed in the factory prior to shipment. IP65 rating is resistant to dust and protected against water projected by a nozzle. *Note: Tape light is non-submersible and cutting tape in the field will void ETL and warranty*

Power Feed: Continuous LED Tape comes standard with a 8' cord and plug or 8' hardwire cable (2-wire). Power feed can support lengths up to 150'.

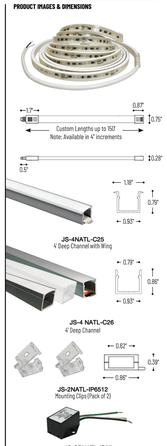
Mounting: Optional aluminum channels and mounting clips are available. Recommended mounting clip distance is 1 apart.
JS-4NATL-C25A: 4' Deep Channel with Wing, Aluminum
JS-4NATL-C25BA: 4' Deep Channel, Aluminum
JS-4NATL-C26B: 4' Deep Channel, Black
JS-4NATL-C26W: 4' Deep Channel, White
JS-2NATL-IP65/12: Mounting Clips (Pack of 2); Clear [Two included per foot]

ELECTRICAL
Input Voltage: 120VAC
Lumens / Wattage: 330lm / 3.6W per foot
Color Temperature: 2700K, 3000K or 4000K
CRI: 80+ CRI
Operating Temp.: -20°C to 45°C
Dimming: Triac
Maximum Run Length: 150' per power feed

Surge Protector: Tape light is recommended to be used with surge protector accessory when installed outdoors or longer run lengths, ordered separately. Compatible with hardwired tape light sections only.

LABELS AND LISTINGS
- ETLus Listed for Wet Location
- IP65 rated
- RoHS compliant
- 3-Year Limited Warranty for Outdoor Applications
- 5-Year Limited Warranty for Indoor Applications

PRODUCT IMAGES & DIMENSIONS



120VAC Continuous IP65 Rated LED Tape Light

Series	Tape Light Length	Wattage Per Foot	CCT	Power Cord
-JS-NTP-120 = 120VAC LED Tape	**-W150 =** 150' Roll **-W X-X =** X=ft. Custom Cut (specify length) [X = Feet (Y = Inches)] Note: Inches in 4" increments only	**-12 =** 3.6W per foot	**-927 =** 2700K **-930 =** 3000K **-940 =** 4000K	**/HW =** 8' Hardwired **/CP =** 8' Cord and Plug

Optional Mounting Accessories

Description
JS-4NATL-C25A = 4' Deep Channel with Wing, Aluminum
JS-4NATL-C26A = 4' Deep Channel, Aluminum
JS-4NATL-C26B = 4' Deep Channel, Black
JS-4NATL-C26W = 4' Deep Channel, White
JS-2NATL-IP65/12 = Mounting Clips (Pack of Two), Clear [2 included per ft.]
JS-SPNATL-IP65 = Surge Protector for Hardwire only

OL4

535 PRINCELAND COURT, CORONA CA 92879 WWW.JSASSOCIATESINC.COM 951.340.2475

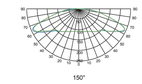
JSA LIGHTING DESIGN

JOB NAME: RESIDENCES ON LA CADENA
PART #: JBLD-A-25LED-40K-UNV-BZ
LOCATION: EXTERIOR PATHWAY BOLLARD
QTY:
TYPE: OL2

LED BOLLARD LIGHTING

APPLICATION
LED bollard light provide high light efficiency. Energy saving replacement of Metal Halide and High pressure sodium lamps with a driver inside. It is designed to work in building perimeter areas and public spaces completing a wide variety of architectural styles.

CONFIGURATIONS		
	INPUT WATTS	LUMEN OUTPUT
JBLD-A JBLD-C	25W	1325 lm
JBLD-B JBLD-D	25W 35W	1925 lm 3220 lm



FEATURES:
- Die-cast extruded aluminium housing.
- Superior performance extends to the detailed finish of the louvers.
- Anodized aluminum louvers with one-piece clear acrylic lens secured in gasketed housing.
- Fully sealed to prevent any leakage from the outside.
- Grating or sand blast reflector inside fixture can prevent light glare effectively.
- Without any hazardous material in fixture.
- 14.3lbs (6.5kg)

MOUNTING:
- Offers a impact resistant mounting and leveling design ensuring life long performance.
- Anchor bolts and base plate are provided as standard.

LED:
- CREE LED.
- Color Temperature: 3000/4000/5000 (K)
- CRI: >70
- 150° distribution.
- LED Module: High efficiency up to 92 lm/W.
- Service life: Greater than 50,000 hours(L_{70}) minimizing maintenance frequency.
- Proprietary binning for uniform color.

ELECTRICAL:
- Ambient Operating Temperature: -4°F (-20°C) ~ 113°F (45°C).
- Power Factor: >0.95
- Input Voltage: 120V-277V, 50/60Hz
- 347-480V is operated with 347-480V LED driver, not with 120-277V step-down transformer.

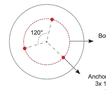
OPTIC:
- Aluminum louver installed as standard for superior performance.
- U.V stabilized polycarbonate cover.

LISTING:
- cETLus listed.
- LM79, LM80 available.
- 5 years warranty.
- Suitable for wet location.

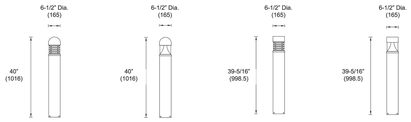
ORDERING INFORMATION

MODEL	LED		COLOR TEMP.		VOLTAGE		FINISH	
JBLD-A **JBLD-C**	**25LED** **35LED**	25W 35W	**30K** 3000K **40K** 4000K **50K** 5000K		**UNV** 120-277V (Std.) **HV** 347-480V		**BZ** Dark Bronze (RAL#8019) **BK** Light Black (Dark Grey) (RAL#7016)	
JBLD-B **JBLD-D**	**25LED** **35LED**	25W 35W					* Available custom color (RAL). Please provide us with the RAL number.	

CONTROL
(Blank) None
DM 1-10V / PWM



* All dimensions are in inches (millimeters).



OL2

535 PRINCELAND COURT, CORONA CA 92879 WWW.JSASSOCIATESINC.COM 951.340.2475

JSA LIGHTING DESIGN

JOB NAME: RESIDENCES ON LA CADENA
PART #: JS-FXVTL52/46CL/840
LOCATION: UNDERSIDE OF CARPORTS
QTY:28
TYPE: OL1

	Ordering Code	Watts (W)	Color Temp (K)	Lumens (lm)	Size	Wattage (W)	Beam Angle	Rated Hrs	IP65	DLC (S/P)
Parking (Wide)	JS-FXVTL25/48CL/PG/840	25	4000K	3,106	48"	2 x 32W T8	152°	50,000	•	P
	JS-FXVTL25/48CL/PG/850	25	5000K	3,146	48"	2 x 32W T8	152°	50,000	•	P
	JS-FXVTL52/48CL/PG/840	50	4000K	6,266	48"	4 x 32W T8	152°	50,000	•	P
	JS-FXVTL52/48CL/PG/850	50	5000K	6,335	48"	4 x 32W T8	152°	50,000	•	P
Linear (Standard)	JS-FXVTL25/24FR/840	24	4000K	3,387	24"	3 x 17W T8	110°	50,000	•	P
	JS-FXVTL25/24FR/850	24	5000K	3,431	24"	3 x 17W T8	110°	50,000	•	P
	JS-FXVTL25/48FR/840	25	4000K	3,562	48"	2 x 32W T8	110°	50,000	•	P
	JS-FXVTL25/48FR/850	25	5000K	3,595	48"	2 x 32W T8	110°	50,000	•	P
	JS-FXVTL40/48FR/840	38	4000K	5,378	48"	3 x 32W T8	110°	50,000	•	P
	JS-FXVTL40/48FR/850	38	5000K	5,444	48"	3 x 32W T8	110°	50,000	•	P
	JS-FXVTL52/48FR/840	50	4000K	6,992	48"	4 x 32W T8	110°	50,000	•	P
	JS-FXVTL52/48FR/850	51	5000K	7,092	48"	4 x 32W T8	110°	50,000	•	P
	JS-FXVTL65/48FR/840	65	4000K	9,097	48"	5 x 32W T8	110°	50,000	•	P
	JS-FXVTL65/48FR/850	65	5000K	9,159	48"	5 x 32W T8	110°	50,000	•	P
	JS-FXVTL90/96FR/840	90	4000K	12,411	96"	6 x 32W T8	110°	50,000	•	P
	JS-FXVTL90/96FR/850	90	5000K	12,509	96"	6 x 32W T8	110°	50,000	•	P
With Sensor	JS-FXVTL25/48FR/850-MS	25	5000K	3,595	48"	2 x 32W T8	110°	50,000	•	P
	JS-FXVTL40/48FR/850-MS	38	5000K	5,444	48"	3 x 32W T8	110°	50,000	•	P

MOUNTING / ACCESSORIES
SOLD SEPARATELY

- **Emergency Driver Kit**
  Kit for Emergency Driver with mounting plate

- **Motion Sensor**
  Kit for VTL Motion Sensor with mounting plate

OL1

535 PRINCELAND COURT, CORONA CA 92879 WWW.JSASSOCIATESINC.COM 951.340.2475

JSA LIGHTING DESIGN

JOB NAME: RESIDENCES ON LA CADENA
PART #: JS-FXVTL52/48CL/840
LOCATION: UNDERSIDE OF CARPORTS
QTY:28
TYPE: OL1

VAPOR TIGHT LINEAR

DESCRIPTION
Our linear vapor tight is housed in polycarbonate silicon perimeter gasket with brackets for mounting. Engineered for powerful lighting, the IP65-rated LED Vapor Tight Linear Fixtures are designed to replace fluorescent strip fixtures and can be used in parking garage, corporate campus, education facility, storage facility, car washes, tunnels and stairwell lighting. Using up to 65% less energy and operating for up to 50,000 average life hours.

5 YEAR WARRANTY
IP65
ETL Sanitation Listed

DLC PREMIUM · IP65 · Indoor/Outdoor · ETL Intertek · NEMA 4X · c UL us · FC · LM 79 80 · RoHS Compliant

Linear Standard: 110'
Parking Garage: 152'

FEATURES
- DLC Premium
- IP65 Rated
- Designed for maximum operation in commercial environments
- Uniform and consistent color
- Lighter weight housing for easy installation
- LED emergency drivers compatible
- Non corrosive PC lens
- Stainless steel hasps and clips
- Beam Angle: 152° (wide) and 110° (standard)
- Dimmable: 1-10V
- Input Current: 0.21A
- Power Factor: >0.9
- CRI: 80
- Input Voltage: 120-277V
- Operating temperature: -22°F - 122°F

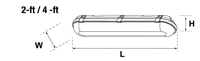
WARRANTY
•5 Year Warranty

ACCESSORIES
Emergency Driver
- Add "EM" to Part #

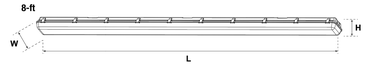
Motion/Daylight Sensor
- Add "MS" to Part #

APPLICATIONS
- Corporate Campus Lighting
- Education Facilities Lighting
- Healthcare Facilities Lighting
- Parking Structure
- Tunnels
- Car Wash
- Stairwell Lighting
- Meeting rooms
- Offices
- Schools
- Hospitals
- Hospitalities

SPECIFICATIONS



Size	Height (H)	Width (W)	Length (L)	Weight
2-ft	3.35" (85.1mm)	4.8" (120.9mm)	24" (609.6mm)	4.2 lbs
4-ft	3.35" (85.1mm)	4.8" (120.9mm)	48" (1219mm)	6.3 lbs
8-ft	4.00" (101mm)	6.3" (160mm)	96" (2438mm)	16.73 lbs



OL1

535 PRINCELAND COURT, CORONA CA 92879 WWW.JSASSOCIATESINC.COM 951.340.2475

JSA LIGHTING DESIGN

JOB NAME: RESIDENCES ON LA CADENA
PART #: JS-TR-364H-BRT
LOCATION: POOL AREA PALM TREES
QTY:
TYPE: OL3

GOGREEN
EXCEEDS 50w HALOGEN

12v Only
7w MR16 PLUG & PLAY LED FOR GU5.3 BI-PIN SOCKETS
COMPATIBLE WITH MOST 12v MR16 ENCLOSED FIXTURES

120v Only
7w GU10 BASE MR16 COMPATIBLE WITH MOST 120v MR16 ENCLOSED FIXTURES

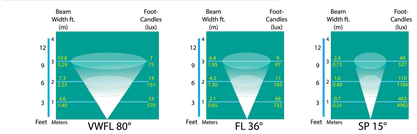
- Long Life - 40,000 Hours L7 Average Rating (rated life to 70% initial light output)
- High Power White LED Light Source
- 550 Lumens (exceeds 50w Halogen)
- CRI 83 (Color Rendering Index)
- 2700K - 3000K Warm White Color
- Cool Beam, No UV or IR
- Mercury Free
- Input Voltage Range
  12v: 9v - 15v
  120v: 110v - 130v
- Dimmable
- DOE LM79 Tested / LM80 Compliant
- Power Factor >90%
- 5 Year Limited Warranty
- RoHS Compliant - Energy Efficient - Environmentally Friendly
- ETL/cETL/CE & Energy Star Certified
- Available in 15° / 36° / 80°
- Must be installed in sealed fixture
- 12v LEDs must be powered by a magnetic transformer or 12v DC power source (ie: Battery)

ARROW SUPER SAVER LED · FOCUS

ORDERING INFORMATION

CATALOG NO.	WATTAGE	VOLTAGE	VOLTAGE RANGE	LUMEN OUTPUT	COLOR TEMP	BEAM ANGLE	BASE
FL-LED-MR16SS7W15	7w	12v	9v - 15v	550	2700K-3000K	SP 15°	GU5.3 Bi-Pin
FL-LED-MR16SS7W36	7w	12v	9v - 15v	550	2700K-3000K	FL 36°	GU5.3 Bi-Pin
FL-LED-MR16SS7W80	7w	12v	9v - 15v	550	2700K-3000K	VWFL 80°	GU5.3 Bi-Pin
FL-LED-MR16SS120 7W15	7w	120v	110v - 130v	550	2700K-3000K	SP 15°	GU10
FL-LED-MR16SS120 7W36	7w	120v	110v - 130v	550	2700K-3000K	FL 36°	GU10
FL-LED-MR16SS120 7W80	7w	120v	110v - 130v	550	2700K-3000K	VWFL 80°	GU10

LIGHT DISTRIBUTIONS AND PHOTOMETRICS



OL3

535 PRINCELAND COURT, CORONA CA 92879 WWW.JSASSOCIATESINC.COM 951.340.2475

JSA LIGHTING DESIGN

JOB NAME: RESIDENCES ON LA CADENA
PART #: JS-TR-364H-BRT
LOCATION: POOL AREA PALM TREES
QTY:
TYPE: OL3

SPECIFICATIONS
CONSTRUCTION: Cast brass bullet; matching cast brass adjustable swivel with 240° rotation
LENS: High impact clear tempered convex glass
O-RING: High temperature red silicone
LAMP SUPPLIED: 20w MR16 FL(BAB) 5000 hours average rating (50w max)
LAMP OPTIONS: We recommend 50,000 hour ARROW 4w LED (-LED) or 40,000 hour 5w (-LEDS) or 7w (-LED7) ARROW Super Saver LED
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)
MOUNTING: FA-03 black 9" ABS stake threaded 1/2" NPS
FINISH: Unfinished brass. Optional finishes available

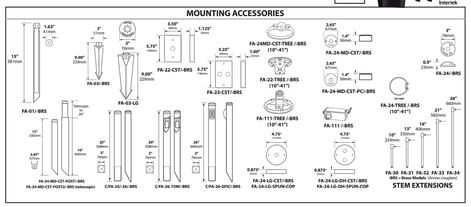
ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	LAMP	SHIP WEIGHT
RXD-01-BRS	Cast Brass Bullet	20w MR16 FL(BAB)	3.0 lbs.

LAMP AND STAKE ***INSTALLED*** TO SAVE YOU TIME AND MONEY

Arrow Lux LEDS by CREE

MOUNTING ACCESSORIES



OL3

535 PRINCELAND COURT, CORONA CA 92879 WWW.JSASSOCIATESINC.COM 951.340.2475

JSA LIGHTING DESIGN

JOB NAME: RESIDENCES ON LA CADENA
PART #: JS-TR-364H-BRT
LOCATION: POOL AREA PALM TREES
QTY:
TYPE: OL3

SPECIFICATIONS
CONSTRUCTION: Aluminum or brass tree ring, 20",24",30", 36" diameter. Adjustable fixture hubs allow precise placement of fixtures around tree ring
20" Model fits trunk diameter of 7"-11" and accommodates up to 4 fixtures
24" Model fits trunk diameter of 11"-15" and accommodates up to 6 fixtures
30" Model fits trunk diameter of 17"-21" and accommodates up to 6 fixtures
36" Model fits trunk diameter of 23"-27" and accommodates up to 6 fixtures

MOUNTING: 4x 3/8" x 6" SS Hex Bolts (to secure to tree trunk)
2x 3/8" x 1.5" SS Hex Bolts (closes ring)
4x or 6x 1/2" NPT fittings (secures up to four or six fixtures)

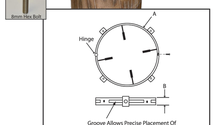
12V TREE RING: One junction box/fixture hub to make 12v wire connections inside for each fixture and 120v LED Driver/Transformer connections if input power to tree ring is 120v.
Additional 12v hubs on tree ring are machined aluminum or brass 1/2NPS female hubs.
All hubs are horizontally adjustable for precise placement of fixtures around tree ring.

120V TREE RING: All hubs are aluminum or brass 120v junction boxes with 1/2"NPS female for fixture mounting.
All hubs are horizontally adjustable for precise placement of fixtures around tree ring.

FINISH:
Aluminum - Black Texture (-BLT) or Bronze Texture (-BRT) powder coat
Brass - Unfinished (-BRS) or Acid Rust (-BAR)

Note: All fixtures, LED drivers and transformers sold separately

Tools Required: #8 (5/32) and #4 (3/32) Allen hex key wrench



	A	B
JS-TR-20	20" Dia.	2"
JS-TR-24	24" Dia.	2"
JS-TR-30	30" Dia.	2"
JS-TR-36	36" Dia.	2"

ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	SHIP WEIGHT
12v		
JS-TR-204H-BLT	20" 12v Aluminum Tree ring w/ 4 fixture hubs	5.0 lbs
JS-TR-244H-BLT	24" 12v Aluminum Tree ring w/ 4 fixture hubs	6.0 lbs
JS-TR-304H-BLT	30" 12v Aluminum Tree ring w/ 4 fixture hubs	7.0 lbs
JS-TR-364H-BLT	36" 12v Aluminum Tree ring w/ 4 fixture hubs	8.0 lbs
JS-TR-204H-BRS	20" 12v Brass Tree ring w/ 4 fixture hubs	7.0 lbs
JS-TR-244H-BRS	24" 12v Brass Tree ring w/ 4 fixture hubs	8.0 lbs
JS-TR-304H-BRS	30" 12v Brass Tree ring w/ 4 fixture hubs	9.0 lbs
JS-TR-364H-BRS	36" 12v Brass Tree ring w/ 4 fixture hubs	10.0 lbs
120v		
JS-TR-204H120-BLT	20" 120v Aluminum Tree ring w/ 4 fixture hubs	5.0 lbs
JS-TR-244H120-BLT	24" 120v Aluminum Tree ring w/ 4 fixture hubs	6.0 lbs
JS-TR-304H120-BLT	30" 120v Aluminum Tree ring w/ 4 fixture hubs	7.0 lbs
JS-TR-364H120-BLT	36" 120v Aluminum Tree ring w/ 4 fixture hubs	8.0 lbs
JS-TR-204H120-BRS	20" 120v Brass Tree ring w/ 4 fixture hubs	7.0 lbs
JS-TR-244H120-BRS	24" 120v Brass Tree ring w/ 4 fixture hubs	8.0 lbs
JS-TR-304H120-BRS	30" 120v Brass Tree ring w/ 4 fixture hubs	9.0 lbs
JS-TR-364H120-BRS	36" 120v Brass Tree ring w/ 4 fixture hubs	10.0 lbs
Individual hubs for adding 12v fixtures to a tree ring:		
JS-TR-HUB-BLT	12v Aluminum Tree Ring Hub, 1/2"NPS, BLACK TEX	
JS-TR-HUB-BRS	12v Brass Tree Ring Hub, 1/2"NPS	
Individual J-box for adding 120v fixtures to a tree ring:		
JS-TR-JBOX	120v/12v Composite Tree Ring J-Box, 1/2"NPS	

Note: All fixtures, drivers & transformers sold separately

Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brass	Stucco	Rubbed Verde	Chrome Powder		Acid Rust	Acid Verde	Black Acid Treatment
-BLT	**-ATV**	**-BRT**	**-CAM**	**-WTX**	**-HTX**	**-RST**	**-WIR**	**-WBR**	**-STU**	**-RBV**	**-CPR**		**-BAR/CAR**	**-BAV/CAV**	**-BAT**
													BRASS & COPPER ONLY		

OL3

LIGHTING CONSULTANT

JSA
JS & ASSOCIATES

535 PRINCELAND COURT
CORONA CA 92879
P: 951.340.2475
JSASSOCIATESINC.COM

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OWNER:
GREENS GIBSON, LLC
8815 RESEARCH DR
IRVINE, CA - 92618
PH: 949.322-1750
ATMAN KADAKIA

PROJECT:
RESIDENCES ON LA CADENA
1459 W. CADENA DR.
RIVERSIDE, CA - 92501

DATE	DESCRIPTION
2022.05.19	EXTERIOR LIGHTING REVISIONS

PRELIMINARY
NOT FOR CONSTRUCTION

DRAWN BY: I.V.
CHECKED BY: S.G.
SCALE: AS SHOWN
SHEET TITLE:
LIGHTING FIXTURE CUT SHEETS

SHEET NO.:
LTG-4.0

RESIDENCE_LA_CADENA- RIVERSIDE, CA 5/19/2022 5:24 PM