

535 PRINCELAND COURT, CORONA CA 92879

WWW.JSASSOCIATESINC.COM

951.340.2475

JS

LIGHTING DESIGN

JOB NAME: RESIDENCES ON LA CADENA

PART #: JP-RSS-412-BZ-AT

LOCATION: NEAR ENTRANCE DRIVE AISLE

TYPE: OL5 POLE

QTY:

ROUND STRAIGHT STEEL

8' - 30' Mounting Height

OPTIONS:

BT: 2-3/8"OD x 4" Tenon

BC: Base Cover

DR: Duplex Receptacle

GFI: Ground Fault Intec.

FINISH:

BZ: Dark Bronze

BL: Black

GN: Green

WT: White

GA: Hot Dip Galvanized

CC: Custom Color

DESIGN

The standards as shown in this section are design to withstand dead loads and theoretical dynamic loads developed by variable wind speeds as charted with an appropriate gust factor under the following conditions. The luminaire(s) and/or mounting bracket(s) center of gravity is assumed to be located at the pole top for all designs. For purposes of design, effective projected area (EPA) is considered to be the product of the actual projected area and the drag coefficient. The listed weights include luminaire(s) and/or mounting bracket(s). The wind velocities are based on 10 mph increments from 80 mph through 100 mph. Standards to be located in areas of known abnormal conditions require special consideration. For example: coastal areas, airports and areas of special winds such as the Chinook type along the eastern slope of the Rocky Mountains.

ANCHOR BOLTS

Anchor bolts are hot dipped galvanized in accordance to ASTM-A-153. Anchor bolts are fabricated from hot rolled steel bar with a minimum yield strength of 50,000 psi. Four anchor bolts are provided per pole. Each anchor bolt is furnished with two hex nuts and two flat washers and one lock washer.

ANCHOR BASE PLATE

The anchor base is fabricated from structural quality hot rolled carbon steel with a minimum yield strength of 36,000 psi. The base plate telescopes the pole shaft and is circumferentially welded top and bottom. The base is provided with bolt slots.

POLE BASE COVER

The base cover is fabricated from hot-rolled carbon steel. The covers are two piece assembly secured together with two fasteners. .

POLE SHAFT

The pole shaft is a one section design fabricated from standard 11 gauge (0.1207") steel or 7 gauge (0.1875"). Each section shall be fabricated from hot rolled carbon steel. Hot dipped galvanized to ASTM-A-123-A-123M with a minimum yield strength of 55,000 psi.

HAND HOLE

The reinforcing hand hole rim consists of a nominal 3" x 5" rectangular shaped tubing material. It is provided with a cover plate, attachment bar and machine screw.

GROUNDING

Shaft is furnished with ground bolt located inside pole on wall opposite hand hole and a ground bolt will be welded.

EPA (ft²) with 1.3 gust

WALL	SHAFT SIZE	HT.	BASE PLATE		BOLT CIRCLE	ANCHOR BOLTS	EPAs 100 MPH
A	B	H	D	E			
120"	3" OD	8'	8"	12"	7"	3/4"x16'L	6.0
120"	3" OD	10'	9"	3/4"	9-3/8"	3/4"x16'L	6.1
120"	3" OD	12'	9"	3/4"	9-3/8"	3/4"x16'L	4.5
120"	3" OD	14'	9"	3/4"	9-3/8"	3/4"x16'L	2.9
120"	4" OD	10'	9"	3/4"	9-3/8"	3/4"x16'L	12.3
120"	4" OD	14'	9"	3/4"	9-3/8"	3/4"x16'L	7.7
120"	4" OD	16'	9"	3/4"	9-3/8"	3/4"x16'L	6.0
120"	4" OD	18'	9"	3/4"	9-3/8"	3/4"x24'L	4.6
120"	4" OD	20'	9"	3/4"	9-3/8"	3/4"x24'L	3.5
120"	4" OD	22'	12"	3/4"	12-3/4"	3/4"x24'L	3.0
120"	4" OD	24'	12"	3/4"	12-3/4"	3/4"x24'L	2.6
120"	4" OD	25'	12"	3/4"	12-3/4"	3/4"x24'L	1.4
120"	5" OD	20'	12"	3/4"	12-3/4"	3/4"x24'L	6.2
120"	5" OD	25'	12"	3/4"	12-3/4"	3/4"x24'L	3.3
180"	5" OD	25'	12"	3/4"	12-3/4"	3/4"x24'L	7.4
180"	5" OD	30'	12"	3/4"	12-3/4"	3/4"x36'L	4.8

NOTE:

1. Install with two fixture or more, use longer anchor bolts : 3/4"x30"L

2. Install with two fixture or more, use longer anchor bolts : 1"x36"L

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LIGHTING DESIGN

JOB NAME: RESIDENCES ON LA CADENA

PART #: JFX15PST34SW/8CCT3/BK

LOCATION: NEAR ENTRANCE DRIVE AISLE

TYPE: OL5

QTY:

DIMENSIONS

34W / 100W
8.8-lbs / 8.8 -lbs

PHOTOMETRICS CHART

20/28/34 Watt
DLC Premium

60/80/100 Watt
DLC Premium

DESCRIPTION

A sleek, contemporary post top fixture with three vertical arm that creates a clean look. Easy installation to retrofit on standard 2-3/8" tenons. Saving time and money by upgrading to LED. Our DLC premium open round post top light fixture replaces up to 400 watt metal halide fixtures and produces up to 13,000 lumens.

BENEFITS

Sleek, contemporary design eliminates light trespass to avoid light pollution in the night sky.

APPLICATIONS

Corporate Campus, Education, Healthcare, Parking Structure, Parks, Hospitalsities, Walkways, Commercial office buildings, Landscape lighting may come into use

FEATURES

- DLC Premium
- IP65 Rated
- ETL Listed
- Selectable Wattages (3 Wattages)
- Selectable Color Temperature (3000K, 4000K, 5000K)
- Mounting: Fits 2-3/8" Tenon
- Input Voltage: 100-277V
- Power Factor >0.9
- Dimmable: 0-10V
- Surge Protection: 4KV
- CRI: 80
- Beam Angle: 110°
- Operating temperature: - 40°F - 122°F
- 5 Year Warranty
- Finish: Black
- Material: Glass Lens
- Recommended Mounting Height: 8-15ft
- Optional for Purchase: Surge Protector

ORDERING

Watts (W)	Ordering Code	Description	CCT (K)	Lumens (Lm)	Equip. Wattage (W)	Dim (V)	IP65 Rated	DLC (SLP)
20	9571	JFX15PST34SW/8CCT3/BK	3CCT	3,004	150	0-10V	★	P
28			(3000/4000/5000K)	4,200				
34				5,262				
60	9572	JFX15PST100SW/8CCT3/BK	3CCT	8,104	250	0-10V	★	P
80			(3000/4000/5000K)	10,400				
100				13,361				

ACCESSORIES (Ordered Separately)

Surge Protector 10KV
P10380 SPD-L-10KV-277
(10KV Surge protector/ 120-277V)

Surge Protector 20KV
P10380 SPD-L-20KV-277
(20KV Surge protector/ 120-277V)

DLC Premium

ETL Listed

Intertek

FC

LM 79

LM 80

RoHS

TITLE 24

ACCESSORIES

Surge Protector

OL5

LIGHTING CONSULTANT

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

DESCRIPTION
EXTERIOR LIGHTING REVISIONS

DATE	2022.05.19				

PRELIMINARY

NOT FOR
CONSTRUCTION

DRAWN BY: I.V.
CHECKED BY: S.G.
SCALE: AS SHOWN
SHEET TITLE:

LIGHTING FIXTURE
CUT SHEETS

SHEET NO.:

LTG-4.2