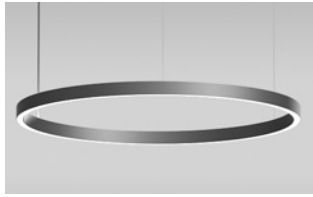


# DOS CIRCULAR DIRECT/INDIRECT WHITE LED WITH OPAL ACRYLIC LENS

**DELRAY**  
LIGHTING  
INCORPORATED

**DOS LED 6'+8' CIRCLES**



**TYPE:**

**PROJECT:**

**ORDER NUMBER:**

Model#	Finish	LEDs	Mount	Option	Option
<b>UDC6</b> —6 ft.	<b>S</b> —Silver	<b>W30</b>	<b>S</b> —Separate	<b>BDIM-W11</b>	<b>SS</b>
<b>UDC8</b> —8 ft.	<b>W</b> —White	<b>W35</b>	<b>SR</b> —Sep. Remote		
	<b>K</b> —Black	<b>W40</b>	<b>CS</b> —Cen. Standard		
		<b>Red</b>	<b>CR</b> —Cen. Remote		
		<b>Blue</b>	<b>NCR</b> —Nexus CR		
		<b>SQ</b> —RGB	<b>SREM</b> —Separate EM		
			<b>CREM</b> —Central EM		

**CONSTRUCTION**

- Extruded aluminum outer housing with direct/indirect white frosted acrylic diffuser. Shipped in two sections, with joiners for assembly in the field. Each section includes one 8 ft. gray or white 18 AWG adjustable power cord, plus two AC cables with push button grippers. Specify **XP** for additional length (25 ft. max.).

**WHITE LEDs**

- Nichia Corp. NFSL757 tight bin chips on aluminum clad boards. 90 CRI.
- **W30** (3000K), **W35** (3500K), and **W40** (4000K) white color temperatures.
- Drivers are programmable constant current, 0–10V, 1% dimming, standard. 6 ft. requires two drivers. 8 ft. requires four drivers.
- Separate switching, order **SS**.

**CUSTOM LUMEN OUTPUT REDUCTION**

- Factory set custom reduced-lumen output driver configuration. Order **XL**. Specify lumens.

**COLOR LEDs**

- **Red** and **Blue** are tape light, with two 12V constant voltage drivers. **SQ**—RGB are Nichia custom boards, with two 100W, 24V constant voltage drivers and DMX interface.
- Optional DMX wall box control offered separately (see Traxon, page 2.)

**STANDARD CANOPY**

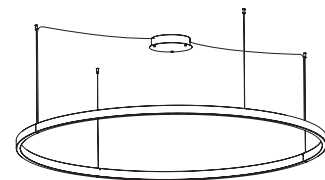
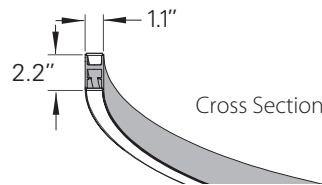
- Mounts to all standard JBoxes.
- Drivers and DMX module inside surface mount canopy. For remote driver installation, see page 2.
- Specify:
  - S, CS**—Standard (10" x 2.25")
  - SR, CR, NCR**—Remote (3" x 0.45")
- cUL listed for dry locations only.

**Example:**

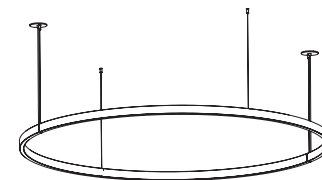
UDC8    S    W40    SR    BDIM-W11    SS

- BTRAXW**—Traxon Light Drive (enter quantity): \_\_\_\_\_
- XP**—Extra power cord (in inches; max. 25 ft.): \_\_\_\_\_
- XL**—custom lumen reduction (specify lumens): \_\_\_\_\_

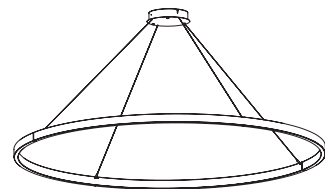
**UDC6** — 6 ft.  
**UDC8** — 8 ft.



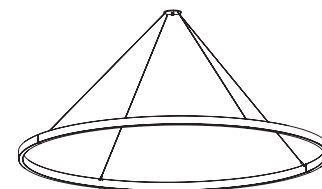
**S** — Separate



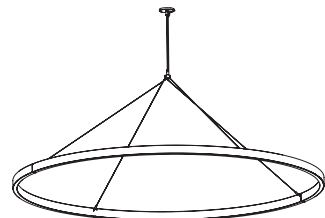
**SR** — Separate Remote



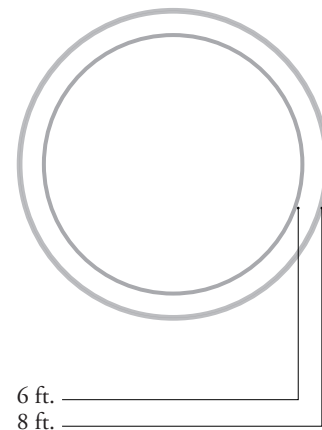
**CS** — Central Standard



**CR** — Central Remote



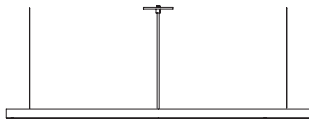
**NCR** — Nexus Central Remote



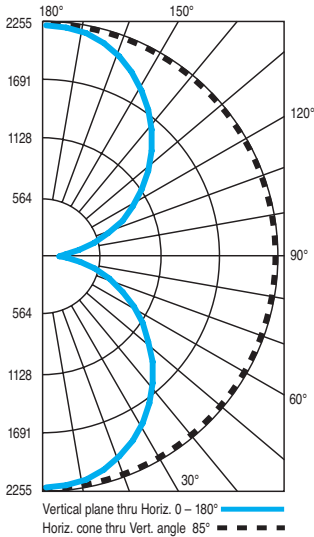
BURBANK,  
CALIFORNIA,  
91505  
WWW.  
DELRAY  
LIGHTING.  
COM

## 6 FT. LED

### UDC6.W35



### CP DISTRIBUTION



### COEFFICIENTS

% CEILING 80 (20% FLOOR)		50	30
0	107	107	107
1	97	93	89
2	88	81	74
3	80	71	63
4	73	62	54
5	67	55	47
6	62	50	41
7	57	45	37
8	53	41	33
9	49	37	29
10	46	34	27

### NOTES

#### UDC6.W35

140W LEDs, 3500°K  
 Delivered lumens: 13,014

CRI: 90  
 R9 ≥ 72

## DOS CIRCULAR REMOTE DRIVERS

Driver must be accessible after installation. For suspended and hard lid ceilings with access panels. Canopy mounts to mud ring attached to J-box.

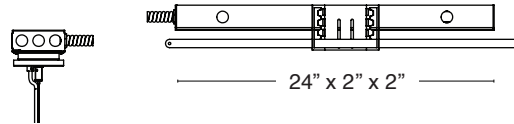
**NOTE:** Multiple drivers must be mounted no less than 4 inches apart side-by-side, and 1 inch apart end-to-end, to avoid overheating.

Standard pendant length: 8 ft. Specify **XP** for extra pendant.  
 Maximum canopy to fixture distance: 25 ft. Maximum canopy to driver distance: 100 ft. (with 10 AWG wire).

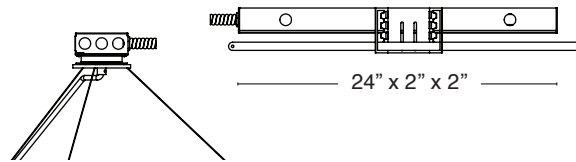


Remote Driver Canopy  
 3.8 x 0.45 in.

**SR** – Separate mount driver installation.



**CR** – Central mount remote driver installation.



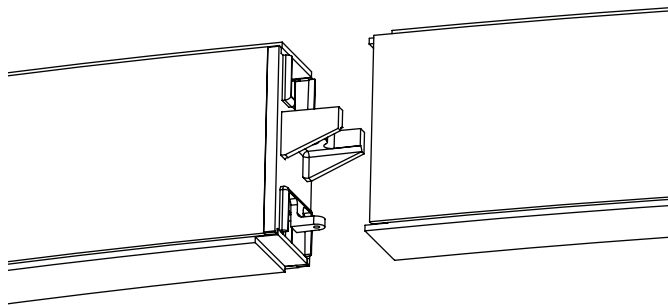
**SR** or **CREM** – Separate or Central Emergency. *T-bar install shown, below.*

Emergency battery pack provides 7W for 90 minutes. (12W also available.)  
 Remote install only. Red driver light and test switch mounted in handy box installed at ceiling.

### WATTS / LUMENS

Diameter	Watts	Delivered Lumens	Weight
6'	140	13,014	40 lb
8'	188	17,352	50 lb

### JOINER



### AIRCRAFT CABLE

**Note:** Aircraft cable suspension not recommended for outdoor use, where fixture will be exposed to water, or subject to wind oscillation. Avoid use near HVAC vents and in environments with corrosive chemical vapors, such as swimming pools.

### ACRYLIC DIFFUSER CLEANING

**Warning:** Do not clean with ammonia based cleaners (e.g. Windex®). Use only water or cleaners specifically formulated for cleaning plastics.

## OPTIONS

### DRIVER

Supplied standard with 0–10V programmable, 1% dimming, 120/277V, 50/60 Hz.

### OPTIONAL DRIVER

#### BDIM-W11

- Lutron EcoSystem LDE14 Series
- Dims to 1%
- Fade to off.

### TRAXON LIGHT DRIVE

(order separately)

#### BTRAXW – white faceplate

- Standalone, wall-mounted (12V power supply included) DMX controller for RGB LED that provides direct access to fixtures.
- Tune color and brightness with the Light-Drive wheel.
- Fully dimmable white mode button.
- See [www.traxon-usa.com](http://www.traxon-usa.com) for details.

### SEPARATE SWITCHING

Control uplight separately from downlight. Order **SS**.