

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

**DELRAY  
LIGHTING  
INCORPORATED**

# DOS CHANDELIERS

**TYPE:**

**PROJECT:**

**ORDER NUMBER:**

Model#	Diameter*	Finish	LEDs	Dimming	EM
<b>UDCG</b> –Gyroscope	<b>2</b>	<b>S</b> –Silver	<b>W30</b>	<b>BDIM-W1</b>	<b>CREM</b>
<b>UDCC</b> –Stack	<b>3</b>	<b>W</b> –White	<b>W35</b>	<b>BDIM-W2</b>	<b>SREM</b>
<b>UDCN</b> –Nexus	<b>4</b>	<b>K</b> –Black	<b>W40</b>	<b>BDIM-W11</b>	
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			<b>Red</b>	<b>BDMXMOD</b>	
			<b>Blue</b>		
			<b>SQ</b> –RGB		

**Example:**

UDCG	234	S	W35	BDIM-W2	CREM
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**BTRAXW**–Traxon Light Drive, white\* (order separately) Enter quantity: \_\_\_\_\_

\* Enter combination of two to three fixture diameters for each gyroscope or stack, three fixtures maximum. For more than three fixtures, please consult factory.

**STANDARD CANOPY**

- Mounts to all standard J-boxes. J-box must attach to structure able to support 75 lbs.
- Central canopy is 10" x 2.25". Separate and Nexus canopies are 3.8" x 0.45". All drivers are remote mounted.
- 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).

**CONSTRUCTION**

- Extruded aluminum outer housing with direct/indirect white frosted acrylic diffusers 8 ft. gray or white 22 AWG adjustable power cord and

AC cables with push button grippers supplied standard.

**LED DRIVERS**

- Constant voltage, 100W/24V universal for **SQ**–RGB DMX.
- 60W/12V driver for single color (**Red** or **Blue**) LEDs.
- Electronic drivers, DMX and dimmer interface housed in canopy or remote gear box for easy access.
- Color LED options include red and blue, as well as RGB sequencing, controlled with a DMX 512 interface (**BDMXMOD**). Optional wall box control offered separately (see Traxon, back page.)
- cUL listed for dry locations.

**COLOR LEDS**

- Flexible 5050 universal voltage LED tape light.
- 24V for **SQ**–RGB sequencer; 12V for single color (**Red** or **Blue**) LEDs.

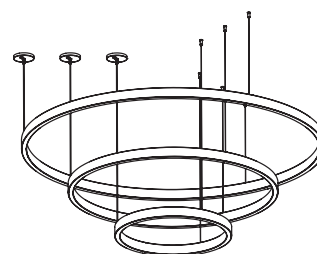
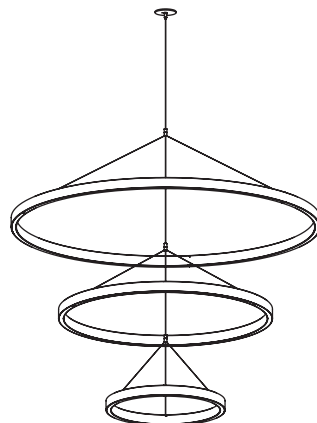
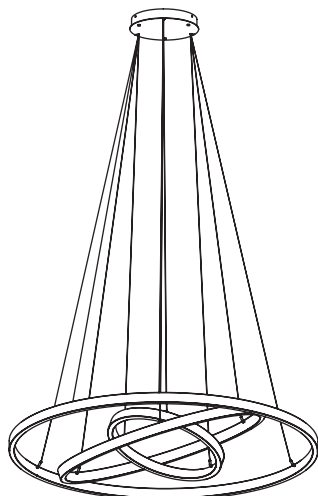
**WHITE LEDS**

- Nichia Corp. NFSL757 linear board chips.
- White color temperatures include **W30** (3000K), **W35** (3500K), and **W40** (4000K).
- cUL listed for dry locations only.

**UDCG**–Dos Gyroscope, Central Remote mount 2/3/4/5 ft.

**UDCN**–Dos Nexus, Central Remote mount 2/3/4/5 ft.

**UDCC**–Dos Cascade, Separate Remote mount 2/3/4/5 ft.



BURBANK,  
CALIFORNIA,  
91505  
WWW.  
DELRAY  
LIGHTING.  
COM

## LM-79

### 2 FT. – UDC2.W35

Driver:	Osram
Total Lumens:	4,400
Input Voltage (VAC/60Hz):	120
Input Power (W):	82
Input Power Factor:	>.95
Efficacy:	53
CRI:	92
Correlated Color Temp (°K):	3500

### 3 FT. – UDC3.W35

Driver:	Osram
Total Lumens:	6,600
Input Voltage (VAC/60Hz):	120
Input Power (W):	120
Input Power Factor:	>.95
Efficacy:	53
CRI:	92
Correlated Color Temp (°K):	3500

### 4 FT. – UDC4.W35

Driver:	Osram
Total Lumens:	8,600
Input Voltage (VAC/60Hz):	120
Input Power (W):	163
Input Power Factor:	>.95
Efficacy:	53
CRI:	92
Correlated Color Temp (°K):	3500

### LM-79 – UDC5.W35

Driver:	Osram
Total Lumens:	10,844
Input Voltage (VAC/60Hz):	120
Input Power (W):	204
Input Power Factor:	>.95
Efficacy:	53
CRI:	92
Correlated Color Temp (°K):	3500

## 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.

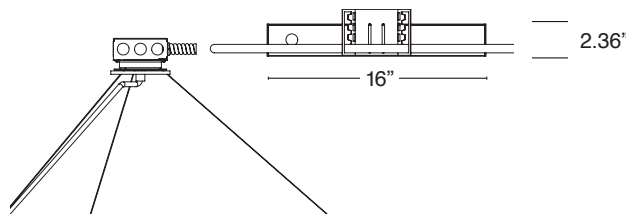
**NOTE:** Multiple drivers must be mounted no less than 4 inches apart side-by-side, and 1 inch apart end-to-end, to avoid overheating.

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).

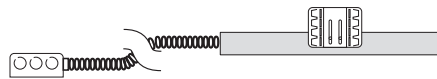


Remote Driver Canopy  
3.8 x 0.45 in.

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

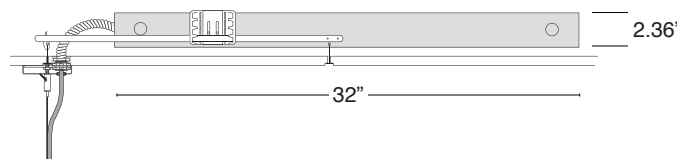


**SR** – Separate mount driver installation.



**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.



## WATTAGE / LUMENS / WEIGHT

Diameter	Watts	Lumens	Weight
2'	82	4,400	8
3'	120	6,600	16
4'	163	8,600	18
5'	204	10,800	20

## 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

### DIMMING DRIVERS

- For white LEDs only.

#### BDIM-W1

- 0–10V dimming to 10%.
- Utilizes 100W/24V, 0–10V 120/277 constant voltage driver.
- Use with 0–10V, purple/gray wire analog dimmers; with low end trim pot, and adjust low end to above flicker threshold.

#### BDIM-W2

- 0–10V dimming to 1%.
- System utilizes 100W/24V, 120/277 constant voltage driver, with the Eldo LIN211D1-LN module.
- Required for use with digital architecture/networking systems like Acuity nLight, Eaton Greengate, and similar management systems.

#### BDIM-W11

- Lutron LD3096W24U dimming driver module.
- 0.1% dimming and fade-to-off, with Lutron dimming systems.
- For remote driver install only.

### RGB OPTIONS

#### BDMXMOD

- Osram part no. OTDMXRGB supplied.
- DMX control interface for RGB LED.
- Provides DMX control with protocols that meet USITT DMX-512A or DMX512 (DIN 56930-2). No converter is required. DMX controls by others.
- A second 4-conductor control cable to fixture canopy is supplied.

#### TRAXON LIGHT-DRIVE RGB

(order separately)

#### BTRAXW – white controller

- 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.
- Two sequence modes enable continuous replay of all saved color settings, as well as a preset color-phase function, which can be adjusted in replay speed.
- Fully dimmable white mode button.
- See [www.traxon-usa.com](http://www.traxon-usa.com) for details.