

DOS CIRCULAR DIRECT/INDIRECT LED WITH OPAL ACRYLIC LENS

DELRAY
LIGHTING
INCORPORATED

DOS VERTICALICAL



TYPE:

PROJECT:

ORDER NUMBER:

Model#	Finish	LEDs	Mount	Option
UVDC2 –2 ft.	S –Silver	Red	S –Standard	BDIM-W1
UVDC3 –3 ft.	W –White	Blue	SR –Standard Remote	BDIM-W2
UVDC4 –4 ft.	K –Black	SQ –RGB		BDIM-W11
UVDC5 –5 ft.		W30		BDMXMOD
		W35		
		W40		

Example:

UVDC5	S	W40	SR	BDIM-W2
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BTRAXW–Traxon Light Drive* (enter quantity): _____

MOUNT

- Mounts to all standard J-boxes.
- Specify **S**–Standard (10" x 2.25") or **SR**–Standard Remote (3.8" x 0.45") pendant canopy.
- For remote driver installation, see p. 2.

CONSTRUCTION

- Extruded aluminum outer housing with direct white frosted acrylic diffuser.

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.

Specify white LED color:

W30–White (3000° K)

W35–White (3500° K)

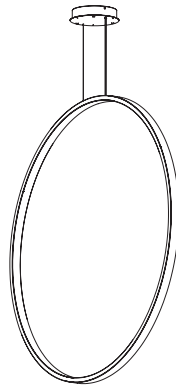
W40–White (4000° K)

UVDC2 – 2 ft.: 2200 lumens, 41W

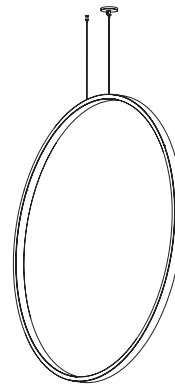
UVDC3 – 3 ft.: 3300 lumens, 60W

UVDC4 – 4 ft.: 4300 lumens, 82W

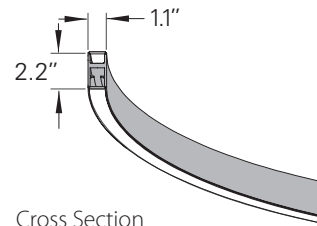
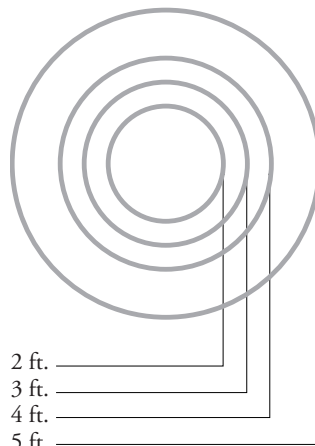
UVDC5 – 5 ft.: 5400 lumens, 102W



S – Standard



SR – Standard Remote

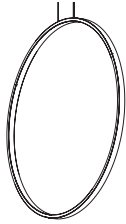


Cross Section

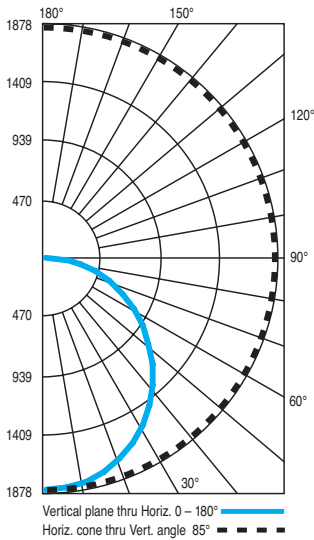
BURBANK,
CALIFORNIA,
91505
WWW.
DELRAY
LIGHTING.
COM

5 FT. LED

UVDC5.W35



CP DISTRIBUTION



COEFFICIENTS

% CEILING 80	(20% FLOOR)		
	% WALL 70	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

UVCSF5.W35

102W LEDs, 3500°K
 Total lumens: 5,400
 CRI: 92
 R9 ≥ 72

LM-79 – UVDC5.W35

Driver:	Osram
Total Lumens:	5,400
Input Voltage (VAC/60Hz):	120
Input Power (W):	102
Input Power Factor:	>.95
Efficacy:	53
CRI:	92
Correlated Color Temp (°K):	3500

REMOTE DRIVERS

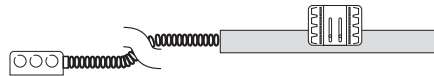
Driver must be accessible after installation. For suspended and hard lid ceilings with access panels. Canopy mounts to mud ring attached to J-box.

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.



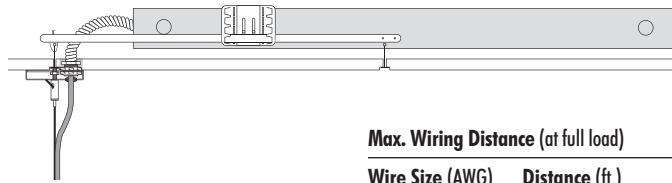
Remote Driver Canopy
 3.8 x 0.45 in.

SR – Standard Remote driver installation.



EM – 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.



Max. Wiring Distance (at full load)

Wire Size (AWG)	Distance (ft.)
18	18
16	29
14	46
12	71
10	120

ACRYLIC DIFFUSER CLEANING

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

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.

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 for details.