RADAR

surface LED downlight with optional accent uplight

delray.

CONSTRUCTION

- Anodized satin aluminum driver canopy and reflector.
- Integral drivers accessible through fixture, including when mounted to conduit.
- **RGBW** is remote install only. Optional DMX wall box also available. Order **BDMXCON** separately. (See p. 2.)
- Optional accent uplight: Lens is clear acrylic, with frosted edge.

- Downlight LED engine is white or color-tuning **CT**. Uplight is white or **RGBW**. Downlight and accent light are separate-switched.
- Drivers are universal voltage (120–277V).
- Reflector interior is anodized, specular, durable and anti-iridescent. 30° cutoff (.30). Finish is Clear Alzak® Haze.
- cUL listed for dry and damp locations only (pending).

TYPE:	PROJECT:
ORDER NUMBER:	

MODEL#	LUMENS DOWN (White LEDs only)	LEDs DOWN	LEDs UP	FINISHES	DIMMING	MOUNT OPTION	OPTION
IL7600	**LO**–2,000 **MO**–3,000 **HO**–4,000	**W30** **W35** **W40** **CT**–Color Tuning	**W30** **W35** **W40** **RGBW**–color + 3500° K white	**SA**–Satin Aluminum	**D**–Standard **BDIM-W11** **DA**–DALI **DMX** **DPH**–Phase	**CM2**–pipe mount **BLA**–ball aligner **RCO** **RC1** **RC2** **RC3**	**EM**–Emergency **RR**–Remote Driver
Example:							
IL7600	**HO**	**W35**	**B**	**SA**	**D**	**CM2**	**EM**

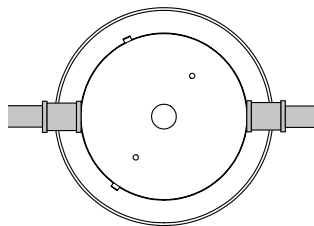|			
XL–custom lumen reduction (specify lumens, downlight only):		Specify **CM2** pipe length (inches):	
BDMXCON-W–white faceplate (enter quantity):		**BDMXCON-B**–black faceplate (enter quantity):	

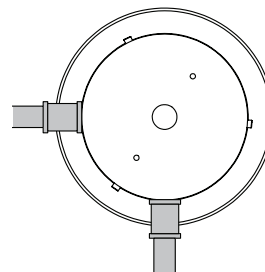## CONDUIT CONFIGURATIONS (specify one of three, below)

RC1 – one conduit feed for dead end or single fixture.
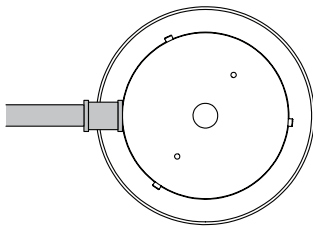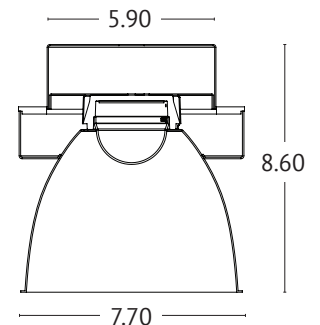
RC2 – two feeds 180° opposite, for straight runs.

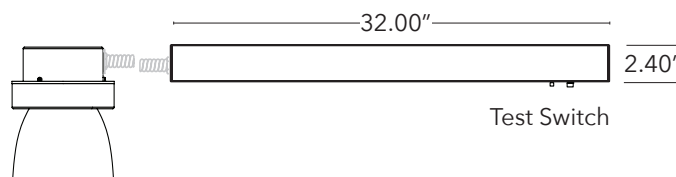**RC3** – two feeds for 90° wire turns.

RCO – SURFACE MOUNT
Driver canopy and wireway mounts directly to ceiling.

5.90
8.60
7.70

EMERGENCY
Specify **EM**. Battery pack provides 10W for 90 minutes. Mounted remote, with test switch and charge indicator light. Accessible through remote box door.

Voltage must be specified.

32.00"
2.40"
Test Switch

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WHITE LEDS

LED modules feature opal diffuser that provide the appearance on an A-lamp from below. Specify color: **W30**–3000°, **W35**–3500°, or **W40**–4000° Kelvin. CRI = 92, R9 = 72.

CUSTOM LUMEN OUTPUT REDUCTION

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

COLOR LEDS

Uplight is **RGBW** with 3500°K white LEDs. **CT** downlight uses Lumenetix-araya™ Entertainment LED module 1650-8000°K white tunable range, 90+ CRI, with red, green, blue, amber, mint, and cyan chips. See https://www.erp-power.com/our-products/tunable-color-lumenetix-araya/ for details. Includes dimming interface. Optional DMX controller also available (See below.)

DIMMING

○ **D**–standard supplied driver. 0–10V, programmable, 1% dimming, 120/277V, 50/60 Hz.

○ **BDIM-W11**–Lutron EcoSystem LED14 Series, 1% dimming, fade-to-off.

○ **DPH**–Triac and ELV 1% dimming at 120V 60 Hz only.

○ **DA**–DALI 1% dimming, fade-to-off. 120/277V, 50/60 Hz.

○ **DMX**–for both white and RGBW LEDs, 0.1% dimming fade-to-off. 120/277V 50/60Hz

EMERGENCY

Emergency Battery Pack provides 10W for 90 minutes. Mounted remote, with test switch and charge indicator light. Accessible through remote box door. Order **EM**. Voltage must be specified.

WATTS / DELIVERED LUMENS

MODEL	WATTS	DELIVERED LUMENS	MODEL	WATTS	DELIVERED LUMENS
IL7600 LO (white)	22	2,000	**IL7600 CT** downlight	39	N/A
IL7600 MO (white)	33	3,000	**IL7600 RGBW** uplight	6	N/A
IL7600 HO (white)	44	4,000	**IL7600** uplight (white)	9	N/A

DOWNLIGHT CP DISTRIBUTION
22W shown
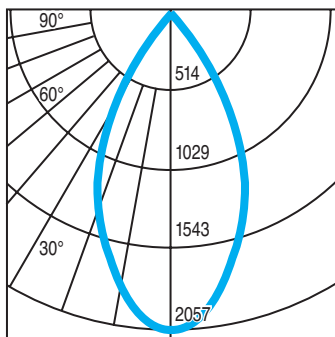
DOWNLIGHT COEFFICIENTS
22W shown

% CEILING 80 (20% FLOOR)

% WALL	70	50	30
0	119	119	119
1	114	111	109
2	108	103	100
3	103	97	92
4	98	91	85
5	93	85	79
6	89	80	74
7	85	76	70
8	81	72	66
9	77	68	62
10	74	64	59

REMOTE DRIVERS

For suspended and hard lid ceilings with access panels. Must be accessible after installation. Order **RR**.

24" x 2" x 2"
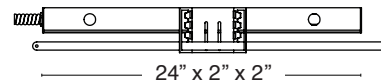
Max. Wiring Distance (at full load)

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

NOTE: Multiple drivers must be mounted no less than four in. apart side-by-side, and one inch apart end-to-end, to prevent overheating.

OPTIONAL DMX CONTROLLER

○ Standalone, wall-mounted DMX controller for **RGBW/CT** LEDs that provides direct access to fixtures. Power supply included.

○ Tune color hue with sensitive wheel. Saturation and brightness control. On/off switch.

○ See https://www.nicolaudie.com/en/stick-cw4.htm for details.

Order separately, either **BDMXCON-W**–white faceplate or **BDMXCON-B**–black faceplate.
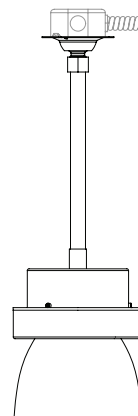
OPTIONAL PIPE MOUNT

○ Order **CM2** – $^3/_8$" ID pipe mount. (**BLA**–Ball Aligner shown.)

○ Length must be specified (24" maximum).