

RADAR

surface LED downlight with optional accent uplight



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 controller 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).

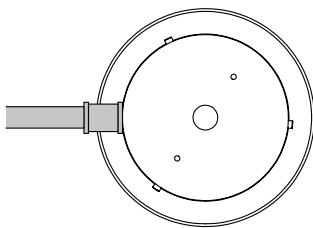
TYPE:	PROJECT:
ORDER NUMBER:	

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	CM1 - pipe mount RCO RC1 RC2 RC3	EM RR TB
Example:							
IL7600	HO	W35	B	SA	D	CM1	EM, TB

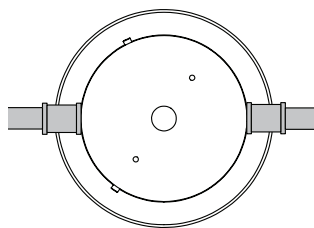
XL - custom lumen reduction (specify lumens, downlight only):	Specify CM1 pipe length (inches):
BDMXCON-W - white faceplate (enter quantity):	BDMXCON-B - black faceplate (enter quantity):

1/2" CONDUIT CONFIGURATIONS (specify one of three, below)

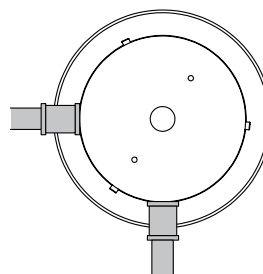
RC1 – one conduit feed for dead end or single fixture.



RC2 – two feeds 180° opposite, for straight runs.

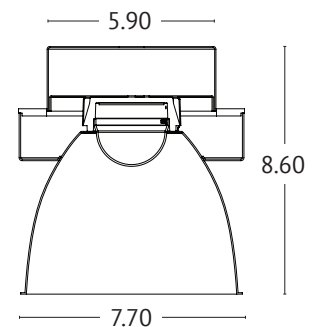


RC3 – two feeds for 90° wire turns.



RCO - SURFACE MOUNT

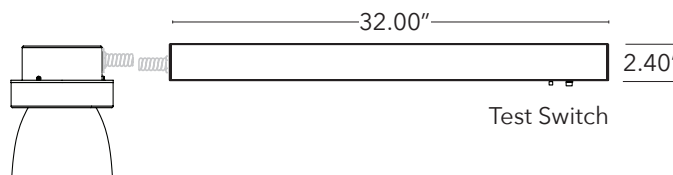
Driver canopy and wireway mounts directly to ceiling.



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.



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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/CT** LEDs, 0.1% dimming fade-to-off. 120/277V 50/60Hz

EMERGENCY

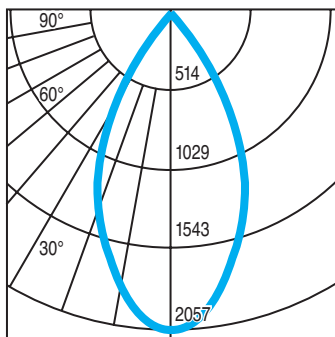
Emergency Battery Pack provides 10W for 90 minutes. Mounted remote, with test switch and charge indicator light. Accessible through remote box door. Order **EM**. Voltage must be specified.

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

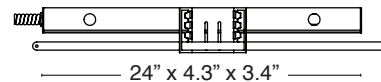
22W shown

% 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. **TB**—T-bar installation shown. Order **RR**.



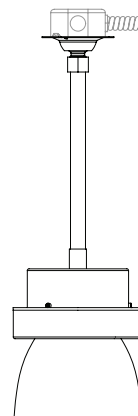
Max. Wiring Distance (at full load)

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.
 - Go to <https://www.nicolaudie.com/en/stick-de3.htm> for details.
- Order separately, either **BDMXCON-W**—white faceplate or **BDMXCON-B**—black faceplate.



OPTIONAL PIPE MOUNT

- **CM1**—1/2" trade size pipe mount, supplied with swivel canopy for earthquake code, sloped ceilings, and indoor areas with light air movement (e.g., near HVAC vents).
- Pipe replaces power cord and cable. Specify length.
- Pipe longer than 8 ft. will be shipped in two sections—one 8 ft., the other for the balance—with painted, threaded pipe coupler and set screws.



FEB 2022