Industrial IL7701

Sonar I frosted lens LED metal low bay with 13W uplight

delray.

CONSTRUCTION

○ Canopy mounts to standard J-box.
○ Die cast aluminum housing and heat sink.
○ Spun matte anodized .063 aluminum housing.
○ Frosted 3/16" tempered, soda lime glass with 2 in. ventilation opening. Secured with a rubber gasket, the lens is held in place by three positive-locking clamps.
○ 6 ft. 18 AWG power cord supplied, standard. Specify **XP** for additional length (25 ft. max.). Default finish/power cord pairings are anodized/black, white/white, black/black.

○ For RAL colors, power cord color must be specified.
○ For differing fixture/canopy colors, please consult factory.
○ Standard finish is **A**-Anodized. All other finish options require price adder.
○ Lens and component design provides maximum airflow for cool operation.
○ Drivers are universal voltage (120–277V), integral or remote.
○ cUL listed for dry locations only.

TYPE:		PROJECT:
ORDER NUMBER:		

MODEL#	FINISH	OUTPUT	LEDS		DIMMING	OPTIONS
			DOWN	**UP**		
IL7701	**A**–Anodized **W**–White **K**–Black **CC**–RAL Color*	**LO** **MO** **HO****	**W30** **W35** **W40** **RGBW**–color + 3500° K white	**W30** **W35** **W40** **RGBW**–color + 3500° K white	**D**–Standard **BDIM-W11** **DA**–DALI **DMX** **DPH**–Phase (**LO**, **MO** 120V only)	**RD** **SM** **EM** **RDEM** **SMEM** **TB**
Example:						
IL7701	A	LO	W35	RGBW	D	RD, TB

BDMXCON-W –white faceplate (enter quantity):		XP– Extra power cord (in inches, 25 ft. max.):	
BDMXCON-B – black faceplate (enter quantity):		Specify canopy finish (silver, white, black):	
EB – Earthquake Bracing Kit (enter quantity):		Specify power cord color (gray, white, black):	
XL – custom lumen reduction (specify lumens):		*Specify RAL color number:	

****DPH**–Phase dimming not available for **HO**.

IL7701
For up/down watts & delivered lumens, see p. 2.

14"
13.4"
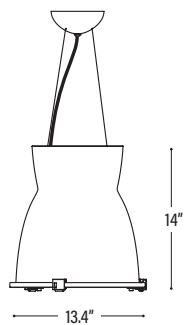
IL7701/EM
Emergency Battery Pack
10W for 90 minutes

12"
14"
13.4"

WHITE LEDS
Nichia Corp. chips, available in three colors: **W30**–3000°, **W35**–3500° or **W40**–4000° Kelvin.

CUSTOM LUMEN OUTPUT REDUCTION
Factory-set custom reduced-lumen output driver configuration. Order **XL**. Specify lumens.

COLOR LEDS
RGBW with 3500° K white. Includes RGBW interface. Optional DMX controller also available (below).

OPTIONAL DMX CONTROLLER
○ Standalone, wall-mounted DMX controller for **RGBW** 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.

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, **LO** and **MO** 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
Battery pack provides 10W for 90 minutes. See drawing, p. 1. Order **EM**.

SEPARATE SWITCHING
Downlight and uplight are separately switched, standard. However, as both share one set of dimming control wires, both uplight and downlight dim together.

WATTS / LUMENS

OUTPUT	WHITE LEDs (3500°K)			
	WATTS		DELIVERED LUMENS	
	UP	DOWN	UP	DOWN
HO	13	56	2.275	5,400
MO	13	42	2.275	3,780
LO	13	28	2.275	2,700
RGBW	13	50	N/A	N/A

PAINT FINISHES

A-Anodized   **W**-White   **K**-Black
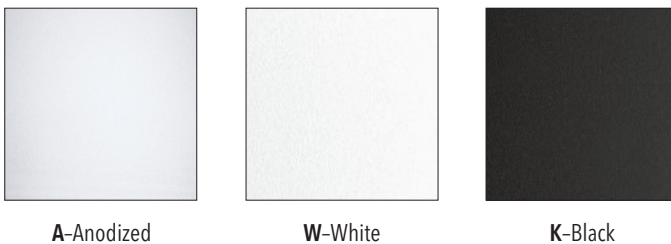
NOTE: Standard finish is **A**-Anodized. All other finish options require price adder.

NOTE: Aircraft cable suspension is 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.

| Max. Wiring Distance (at full load)	
Wire Size (AWG)	Distance (ft.)
18	18
16	29
14	46
12	71
10	120

REMOTE DRIVERS
Driver must be accessible after installation. For suspended and hard lid ceilings with access panels. 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). DMX requires 48" driver enclosure.
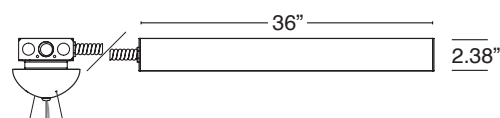
RD–Above ceiling remote driver installation: **TB**–T-Bar install shown.

36"
3.4"

Pendant Remote Canopy
5.20 x 2.20 inches
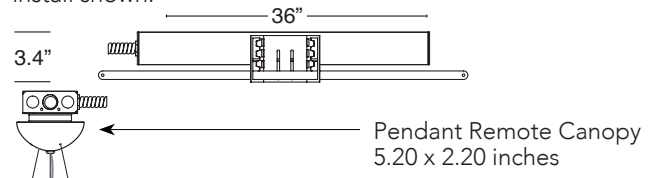
RDEM–Above-ceiling installation with emergency. **TB**–T-Bar install shown.

48"
3.4"

Test Switch
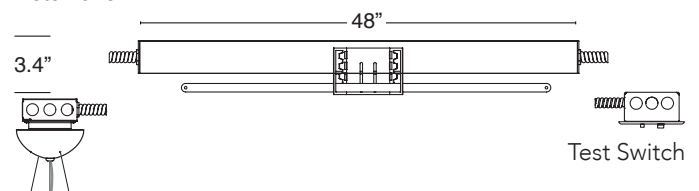
SM–Surface mount installation:

36"
2.38"

SMEM–Surface mount installation with emergency:

48"
2.38"

Test Switch