



INDUSTRIAL INW105

5" WIDE LENSED INDUSTRIAL LUMINAIRE

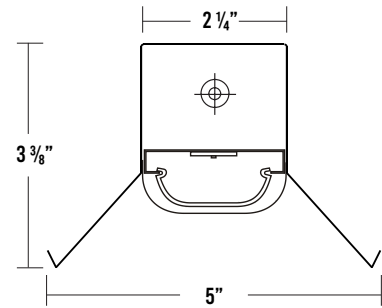


JOB	
TYPE	
DATE	

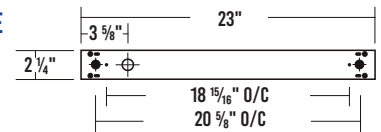
SUSPENSION/SURFACE MOUNTED LED LUMINAIRE



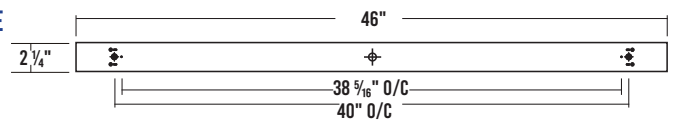
CROSS SECTION



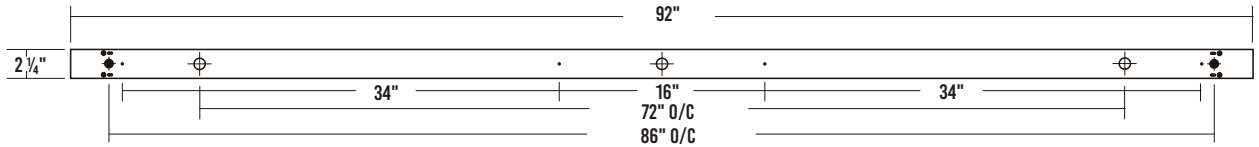
2' BACKPLATE



4' BACKPLATE



8' BACKPLATE



⊕ 7/8" K.O. ⊕ 1/16" STEM MTG. K.O. • 3/16" MTG. HOLE ● V-HOOK

SPECIFICATIONS

CONSTRUCTION

- 22 gauge cold-rolled steel housing
- End plates fastened to housing by screws to assure rigidity

FINISH

- Baked white polyester finish
- Minimum reflectance 86%

OPTICAL

- Frosted acrylic lens
- Frosted white acrylic lens

ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

LISTING

- UL USA and Canada listed / suitable for damp locations

WARRANTY

5-Year limited warranty standard. 10-Year limited warranty also available

APPLICATIONS

- Retail, Aisle Lighting, Industrial, Commercial

FEATURES

- 0-10V Dimming driver standard
- Supports California Title 24 compliance
- End plates may be used as channel couplings

OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Lens
- Controls
- Slotted reflector
- Custom housing colors
- Painted after fabrication
- Emergency battery pack
- 10 kV surge protector
- Chain mount couplings available
- Cable / canopy suspension systems
- Customization available upon request

CUSTOM COLORS

BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze

Variety of RAL colors available upon request.



Los Angeles Lighting Mfg. Co.
Contact Us
T: 626-454-8300
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www.lalighting.com
10141 Olney Street
El Monte, CA 91731
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ORDERING INFORMATION

EXAMPLE: INW105-4-4L-BPLSL1.5-DRDM-UNV-1/840

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	COLOR	OPTICAL	MECHANICAL	CONTROLS	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
INW105										1	
INW105 • 5" Wide Industrial	1 - 1000lm 2 - 2000lm 3 - 3000lm 4 - 4000lm High Efficacy 1HE - 1000lm 2HE - 2000lm 3HE - 3000lm	2 • 2L	BLK • Black BZ • Bronze *Leave blank for standard white	(Blank) • No Lens Assembly FRA • Frosted Acrylic FRWA • Frosted White Acrylic	PAF • Painted after fabrication S • Slotted Reflector *Leave blank if not specified	MS(xx) • Motion Sensor • Lens Option WLC(LED RU) • Wireless Control *Leave blank if not specified	BPLSL1.5 • Emergency Battery Pack Slim Casing 1500 lm SP10 • 10 kV Surge Protector *Leave blank if not specified	DRDM • 0-10V Dimming Driver	UNV • 120V-277V 120V • 120 Volt 277V • 277 Volt 347V • 347 Volt 480V • 480 Volt	1 • 1 LED Row	830 • 80+CRI / 3000K 835 • 80+CRI / 3500K 840 • 80+CRI / 4000K 850 • 80+CRI / 5000K 8TW • 80+CRI Tunable White 2700K-6500K Contact customer service for additional CRI / CCT packages, including 90CRI
	2 - 2000lm 4 - 4000lm 6 - 6000lm 8 - 8000lm High Efficacy 2HE - 2000lm 4HE - 4000lm 6HE - 6000lm	4 • 4L									
	4 - 4000lm 8 - 8000lm 12 - 12000lm 16 - 16000lm High Efficacy 4HE - 4000lm 8HE - 8000lm 12HE - 12000lm	8 • 8L									
Standard options for INW105 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service.											

SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	INW105-1-2L-FRA-DRDM-UNV-1/840	1137	7.5	151.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F27T8	*
2000 Lumens (Nominal)	INW105-2-2L-FRA-DRDM-UNV-1/840	1866	12.7	146.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	INW105-3-2L-FRA-DRDM-UNV-1/840	2931	20.9	140.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F17T8	*
4000 Lumens (Nominal)	INW105-4-2L-FRA-DRDM-UNV-1/840	3618	26.5	136.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F24T5HO 4x F17T8	*
2' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	INW105-1HE-2L-FRA-DRDM-UNV-1/840	1154	7.4	156.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
2000 Lumens (Nominal)	INW105-2HE-2L-FRA-DRDM-UNV-1/840	1902	12.4	152.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F24T5HO 2x F17T8	*
3000 Lumens (Nominal)	INW105-3HE-2L-FRA-DRDM-UNV-1/840	3006	20.2	148.9 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*



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SYSTEM DATA

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4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	INW105-2-4L-FRA-DRDM-UNV-1/840	1894	12.4	152.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
4000 Lumens (Nominal)	INW105-4-4L-FRA-DRDM-UNV-1/840	3718	25.5	146.0 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	INW105-6-4L-FRA-DRDM-UNV-1/840	5488	39.0	140.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
8000 Lumens (Nominal)	INW105-8-4L-FRA-DRDM-UNV-1/840	7206	53.1	135.8 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	INW105-2HE-4L-FRA-DRDM-UNV-1/840	1925	12.4	155.8 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
4000 Lumens (Nominal)	INW105-4HE-4L-FRA-DRDM-UNV-1/840	3788	24.9	151.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
6000 Lumens (Nominal)	INW105-6HE-4L-FRA-DRDM-UNV-1/840	5624	37.8	148.9 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*

8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	INW105-4-8L-FRA-DRDM-UNV-1/840	3791	24.9	152.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	*
8000 Lumens (Nominal)	INW105-8-8L-FRA-DRDM-UNV-1/840	7441	50.9	146.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	INW105-12-8L-FRA-DRDM-UNV-1/840	10981	78.0	140.8 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8 2x F96T8HO	*
16000 Lumens (Nominal)	INW105-16-8L-FRA-DRDM-UNV-1/840	14425	106.1	135.9 lm/W	-20°C / 35°C (-4°F / 95°F)	4x F54T5HO 8x F32T8	*

8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	INW105-4HE-8L-FRA-DRDM-UNV-1/840	3852	24.6	156.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	*
8000 Lumens (Nominal)	INW105-8HE-8L-FRA-DRDM-UNV-1/840	7211	47.2	152.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
12000 Lumens (Nominal)	INW105-12HE-8L-FRA-DRDM-UNV-1/840	10892	72.8	149.5 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8 2x F96T8HO	*

NOTE:

System data as of 6/3/25 (K-Boards).

Luminaire efficiency: 2ft - 89.2%, 4ft - 88.8%, 8ft - 88.9%

Subject to change without notice.

System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application. This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.

Additional lumen packages and color temperatures available.



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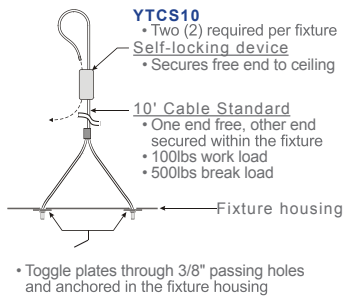
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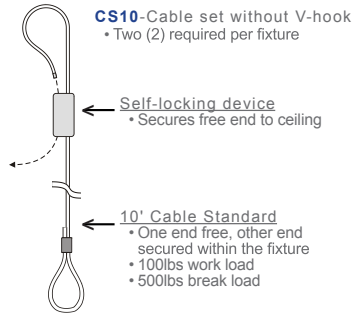
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MOUNTING ACCESSORIES

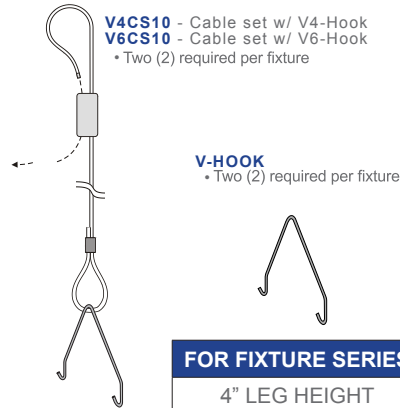
Y-TOGGLE-END / CABLE SUSPENSION SYSTEM



CABLE SUSPENSION SYSTEM

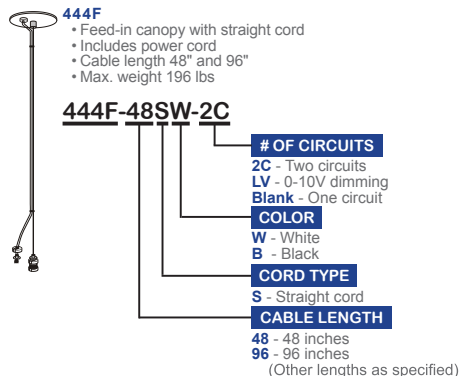
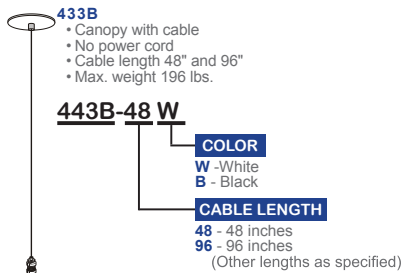


V-HOOK / CABLE SUSPENSION SYSTEM



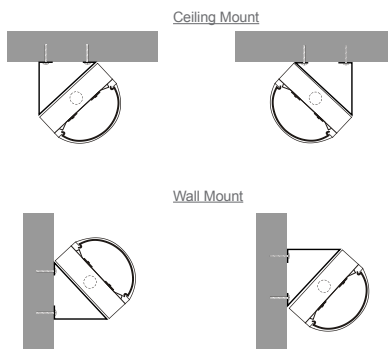
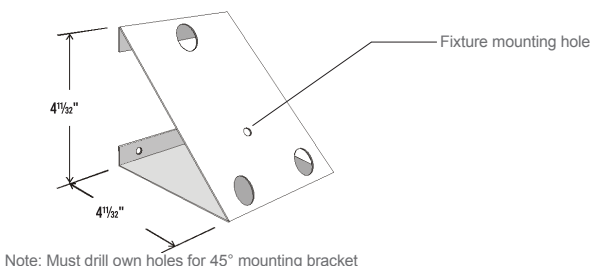
CANOPY / CABLE SUSPENSION SYSTEM

- Self-locking, one-step adjustable suspension device with canopies
- Provides full 360° rotation



45° MOUNTING BRACKET

- 45MB**
- 45° mounting bracket designed for mounting lighting fixtures at 45° angle
 - Ideal for wall or ceiling mount applications
 - 18 ga. electro-galvanized steel
 - Baked white powder coated finish
 - Two mounting brackets required for each 2' 4", pr 8' luminaire



CHAIN MOUNT COUPLING

- Chain mount coupling with lift-up tabs for installation of V-Hooks when chain mounted
- Baked white enamel finish



LUMINAIRE MODEL	CAT. NO.
INW105	CMC-INW1XX



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