



INDUSTRIAL INW105

5" WIDE LENSED INDUSTRIAL LUMINAIRE

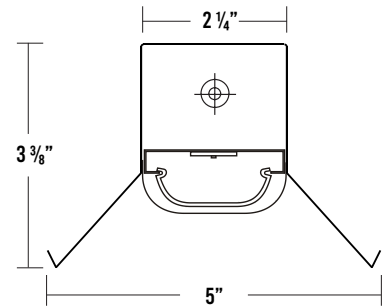


JOB	
TYPE	
DATE	

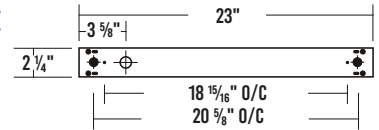
SUSPENSION/SURFACE MOUNTED LED LUMINAIRE



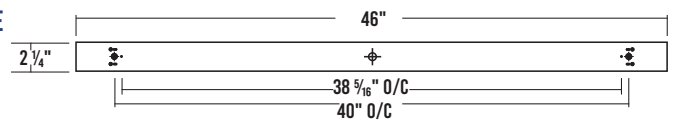
CROSS SECTION



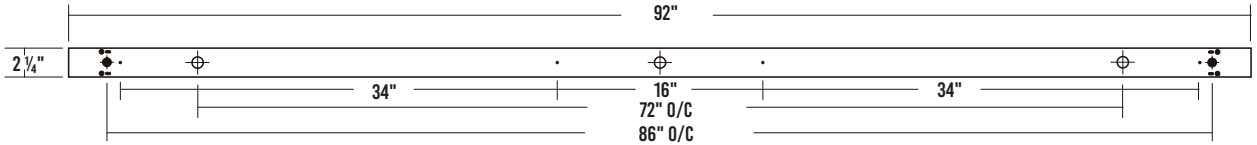
2' BACKPLATE



4' BACKPLATE



8' BACKPLATE



⊕ 7/8" K.O. ⊕ 1 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
- 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
F: 626-454-8399
www.lalighting.com
10141 Olney Street
El Monte, CA 91731
Made in the USA



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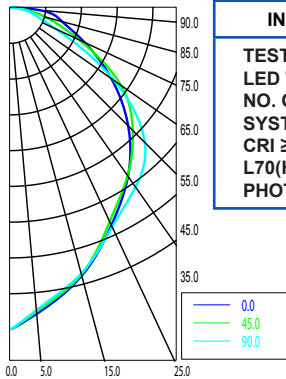
ORDERING INFORMATION

ADDITIONAL OPTIONS AVAILABLE. VISIT WWW.LALIGHTING.COM/RESOURCES FOR MORE INFORMATION

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

[illegible]

PHOTOMETRIC DATA



INW105-2-2L-FRA-DRDM-UNV-1/840

TEST NO. = [LA-T3441](#)
LED TYPE = 48 LED MODULE
NO. OF MODULE = 1
SYSTEM WATT (W) = 15.2
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	581	27	30
0-40	928	43	49
0-60	1595	74	83
0-90	1909	89	100
90-120	2	0	0
90-150	2	0	0
90-180	2	0	0
0-180	1911	1911	100

SPACING CRITERION

ALONG	ACROSS
1.05	1.09

Luminaire Output = 1911 lumens
Luminaire Efficacy = 125.07 lm/W
Luminaire Efficiency = 89.21%



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MADE IN THE USA
BAA Compliant

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	928 lm	7.6	121.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F27T8	*
2000 Lumens (Nominal)	INW105-2-2L-FRA-DRDM-UNV-1/840	1822 lm	14.1	129.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F17T8, 1-F54T5HO	LA-T3441
3000 Lumens (Nominal)	INW105-3-2L-FRA-DRDM-UNV-1/840	2790 lm	22.1	126.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F17T8	*
4000 Lumens (Nominal)	INW105-4-2L-FRA-DRDM-UNV-1/840	3694 lm	27.2	135.4 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F17T8, 2-F54T5HO	*
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	1003 lm	7.5	133.8 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
2000 Lumens (Nominal)	INW105-2HE-2L-FRA-DRDM-UNV-1/840	1784 lm	12.3	144.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8, 1-F54T5HO	*
3000 Lumens (Nominal)	INW105-3HE-2L-FRA-DRDM-UNV-1/840	2695 lm	18.6	144.2 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*

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	1848 lm	13.4	137.8 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	INW105-4-4L-FRA-DRDM-UNV-1/840	3629 lm	26.7	135.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8, 1-F54T5HO	LA-T3442
6000 Lumens (Nominal)	INW105-6-4L-FRA-DRDM-UNV-1/840	5652 lm	43.6	129.4 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	INW105-8-4L-FRA-DRDM-UNV-1/840	7356 lm	51.1	143.8 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8, 2-F54T5HO	*
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	1998lm	13.5	147.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	INW105-4HE-4L-FRA-DRDM-UNV-1/840	3553 lm	23.4	151.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8, 1-F54T5HO	*
6000 Lumens (Nominal)	INW105-6HE-4L-FRA-DRDM-UNV-1/840	5368 lm	36.4	147.4 lm/W	-20°C / 35°C (-4°F / 95°F)	3-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	3700 lm	25.7	143.6 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
8000 Lumens (Nominal)	INW105-8-8L-FRA-DRDM-UNV-1/840	7266 lm	52.6	137.9 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	INW105-12-8L-FRA-DRDM-UNV-1/840	10982 lm	81.9	134.0 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T	*
16000 Lumens (Nominal)	INW105-16-8L-FRA-DRDM-UNV-1/840	14411 lm	99.2	145.2 lm/W	-20°C / 35°C (-4°F / 95°F)	8-F32T8, 4-F54T5HO	*
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	3599 lm	22.7	158.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
8000 Lumens (Nominal)	INW105-8HE-8L-FRA-DRDM-UNV-1/840	7112 lm	45.2	157.0 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	INW105-12HE-8L-FRA-DRDM-UNV-1/840	10744 lm	71.1	151.0 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8	*

NOTE:
 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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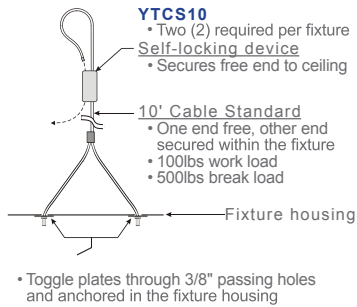
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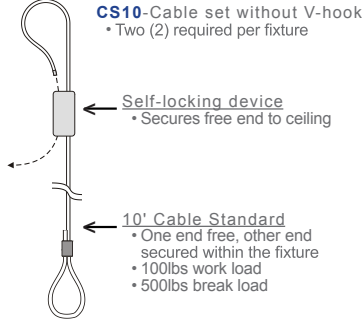


MOUNTING ACCESSORIES

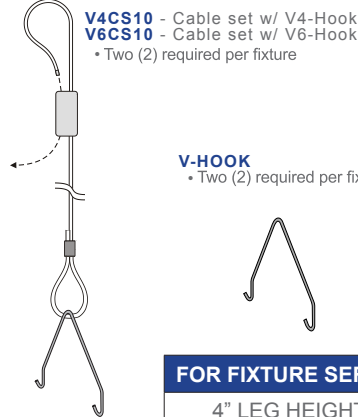
Y-TOGGLE-END / CABLE SUSPENSION SYSTEM



CABLE SUSPENSION SYSTEM



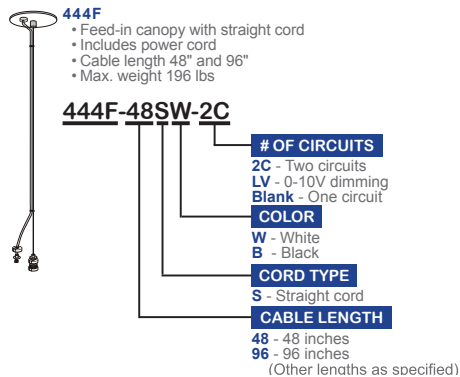
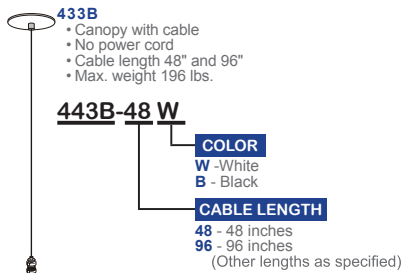
V-HOOK / CABLE SUSPENSION SYSTEM



FOR FIXTURE SERIES	CAT. NO
4" LEG HEIGHT	V4

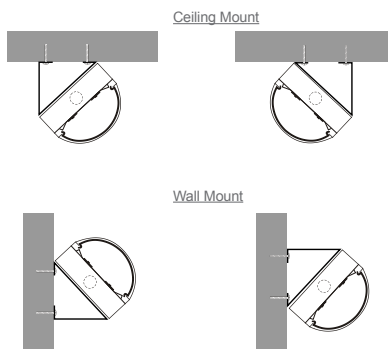
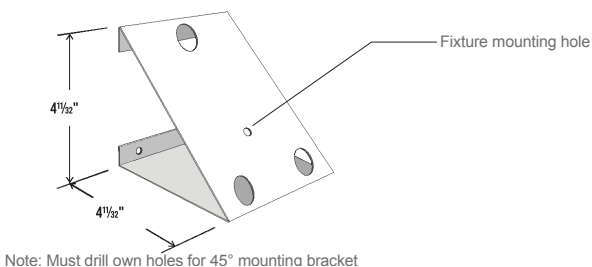
CANOPY / CABLE SUSPENSION SYSTEM

- 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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