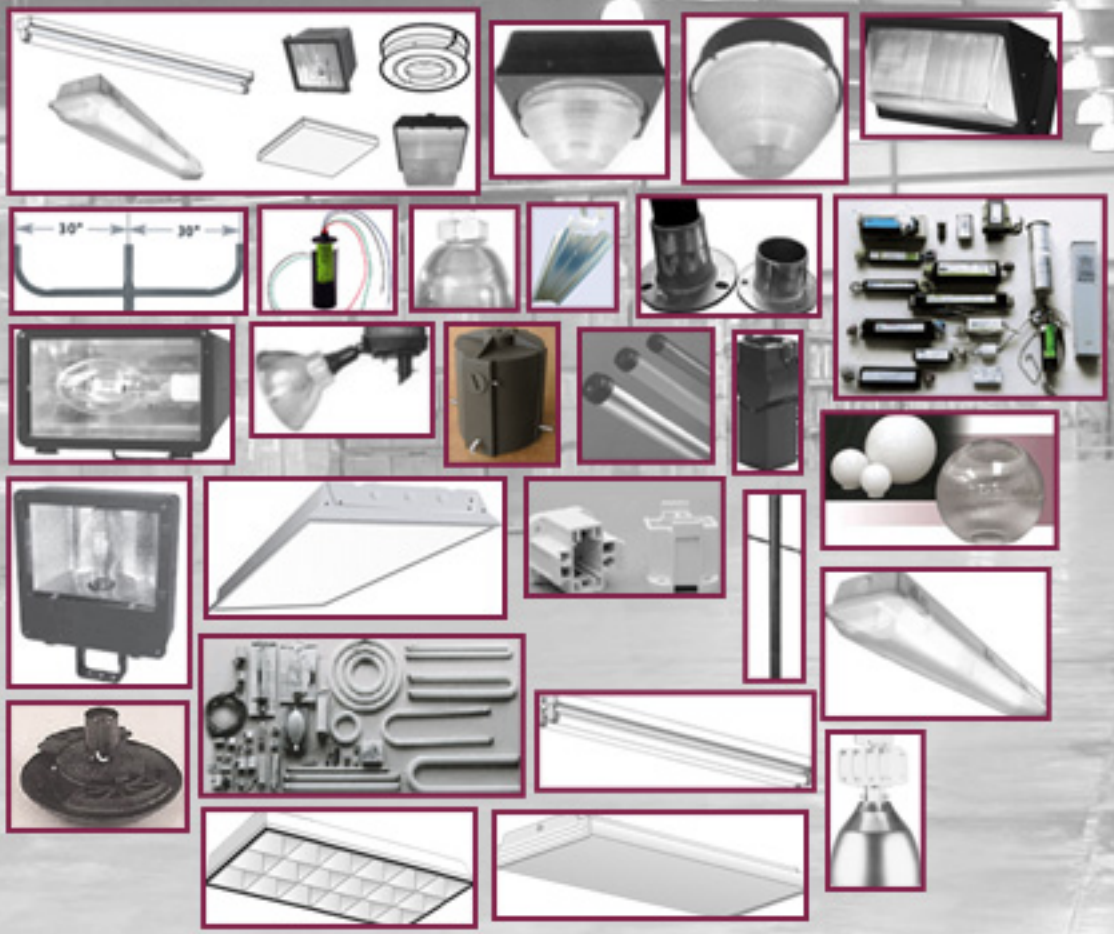
EDSUN LIGHTING FIXTURE MANUFACTURER

2007 CATALOG



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EMAIL: INFO@EDSUNLIGHTING.COM
PHONE: 305-888-8849
FAX: 305-883-0005

EDSUN LIGHTING FIXTURE Mfg

COMMITTED TO QUALITY

WWW.EDSUNLIGHTING.COM

EDSUN LIGHTING FIXTURE Mfg

"12V"

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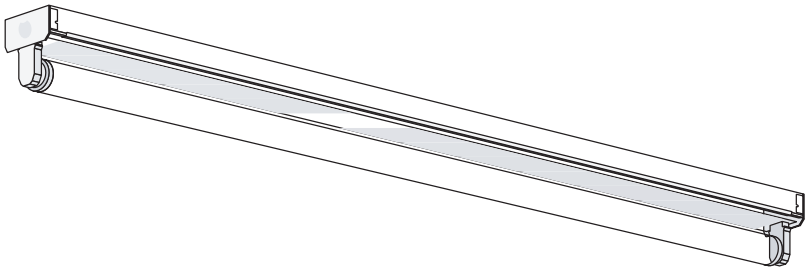
STRIPS

FOR T12 LAMPS

C114-12V
C115-12V
C120-12V
C130-12V
C140-12V
C148-12V



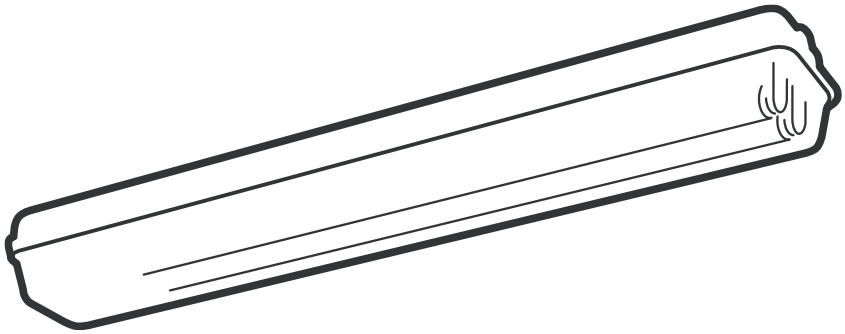
FOR T8 LAMPS

C117-12V
C132-12V

VAPOR-TITE

FOR T12 LAMPS

VT120-12V
VT140-12V
VT148-12V

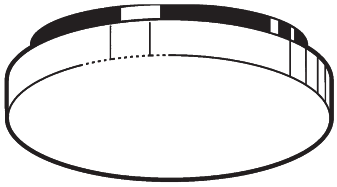


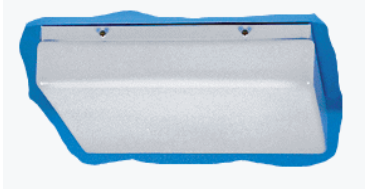
FOR T8 LAMPS

VT117-12V
VT132-12V

CIRCULARS (FOR CIRCULAR AND 4-PIN COMPACT FLUORESCENT LAMPS)

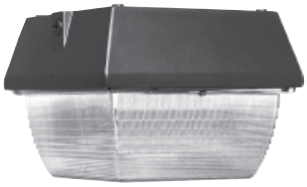
C22X6-12V
C22X6PLQ18-12V
C22X6PLQ26-12V
C22X6PLQ32-12V
C22X6PLQ42-12V





CANOPY 8X8 (VANDALIER)

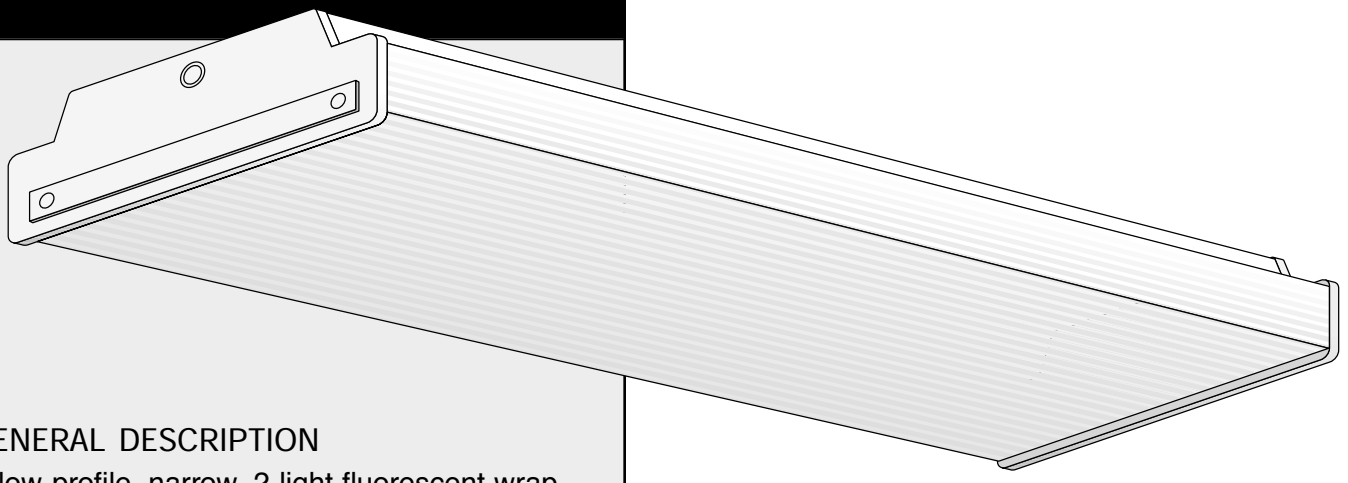
CL8PLQ32-12V **(USES 4-PIN CF LAMPS)**
CL8PLQ42-12V **(USES 4-PIN CF LAMPS)**



FLOOD LIGHTS

FSPLQ42-12V **(USES 4-PIN CF LAMPS)**

200 Series Wraparound



GENERAL DESCRIPTION

A low-profile, narrow, 2-light fluorescent wrap-around. All fixture parts snap together for ease of installation and maintenance. Housing accepts lift-and-shift lenses and frames, as well as frames that fit flush to the ceiling. Fixture components are U.L. listed.

SPECIFICATIONS

Housing: Die-formed 21-gauge steel. Side flanges add maximum rigidity.

Ends: Snap on tightly to the housing. Formed tabs hold two slide-on sockets. Ends can also be ordered cut down for reverse-form puffs and frames.

Ballast Covers:Snaps into housing to cover ballast and wires.

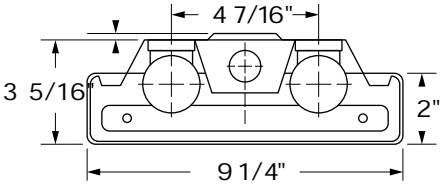
Diffusers (not included) Fixture accepts lift-and-shift prismatic lenses, reverse-form puffs and aluminum baskets. Frames can be screwed to cut-down ends on the body and flush mounted to the ceiling.

Finish: All parts have a baked white enamel finish with 85% reflectivity.

Mounting: Units may be surface or stem mounted, individually or in continuous rows.

NOTES

Dimensions subject to change without notice.



Prismatic Diffuser

ORDERING INFORMATION

Catalog No.	Lamps	Length
200-240	2	48"
200-240RES	2	48"
200-232	2	48"
200-228	2	48"
200-254HO	2	48"

Please call for voltages otthe than 120V

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300 Series Wraparound

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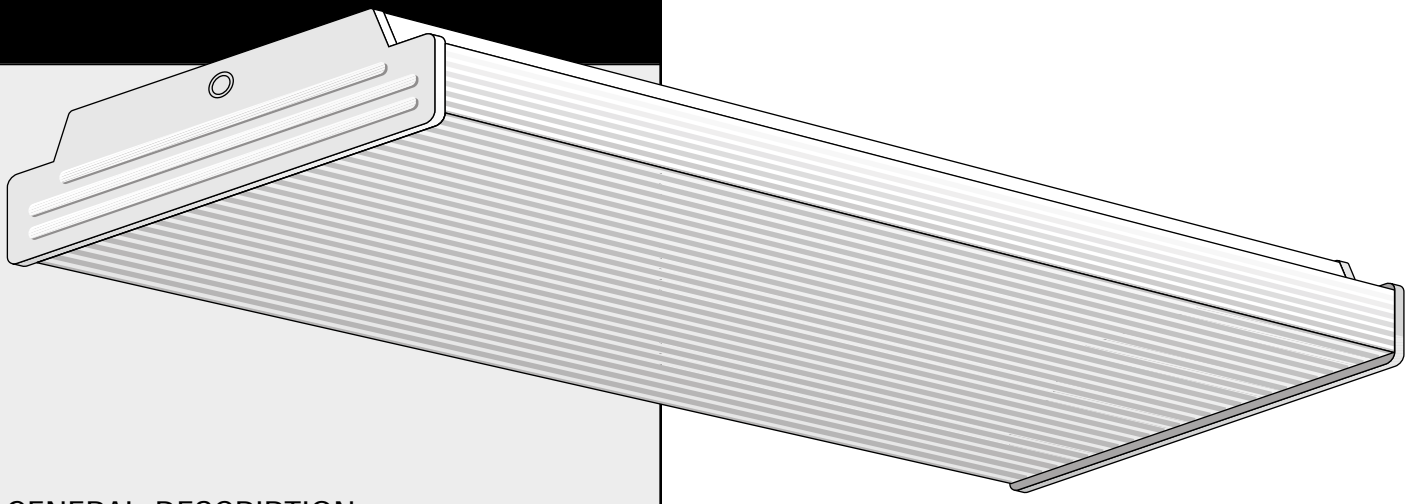


GENERAL DESCRIPTION

A low-profile 2- or 4-lamp wraparound for use with one-piece prismatic lenses.

SPECIFICATIONS

Housing: Die-formed heavy gauge steel with side flanges for extra uniformity and rigidity.

Ballast Cover: Snaps into housing to cover ballast and wires.

Socket Plates: Slide on, for easy wiring.

Ends: Embossed for rigidity. Can be ordered with cut down ends for reverse-form puffs.

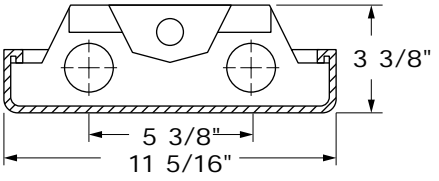
Finish: All parts have a baked white enamel finish with 87% reflectivity.

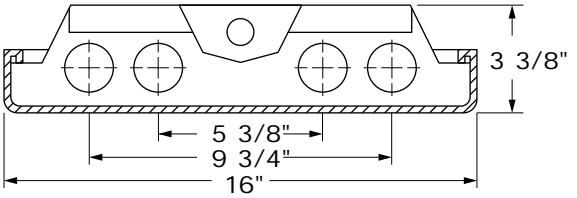
Diffuser (not included) Fixture is designed for one-piece prismatic lenses. Diffusers snap on for easy servicing and hinge from either side. 6' and 8' units require two individual diffusers joined with a plastic strap.

Mounting: Units may be surface or stem mounted, individually or in continuous rows.

NOTES

Dimensions subject to change without notice.





ORDERING INFORMATION

Catalog No.	Lamps	Length
300-220	2	24"
300-217	2	24"
300-240	2	48"
300-232	2	48"
300-2240	4-4'	96"
300-2232	4-4'	96"
300-296	2	96"
300-296T8	2	96"
300-420	4	24"
300-417	4	24"
300-440	4	48"
300-432	4	48"
300-4240	8-4'	96"
300-4232	8-4'	96"
300-496	4	96"
300-496T8	4	96"

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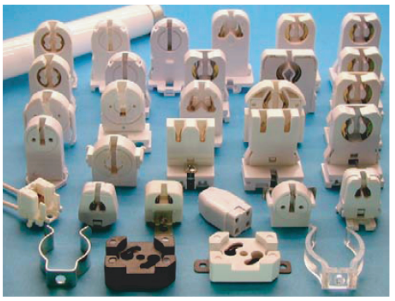
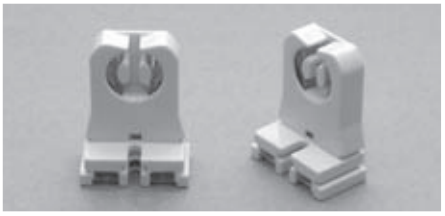
Fluorescent & HID Manufacturer



Circular Ballast Leads



Small BiPin Sockets

T5 BiPin Sockets

Shunted T8 Sockets

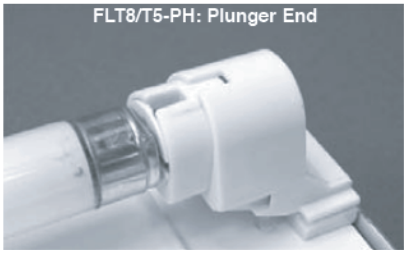
Long BiPin Sockets

PH BiPin Sockets

Fluorescent Starter Base

"FB" U-Lamp BiPin Sockets

T5 Female Extended Sockets

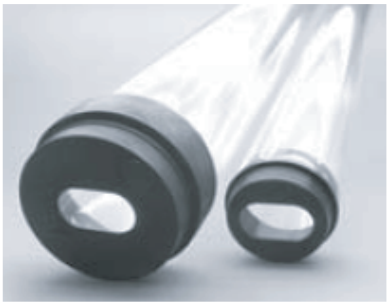


T5 Male Extended Sockets

Circular Metal Clips, Snap-on, Riveted

Fluorescent Starters

BiPin Lamp Locks



4', 8' Tube Guards

BiPin Sockets for "CB" line

T5 Mini BiPin Sockets

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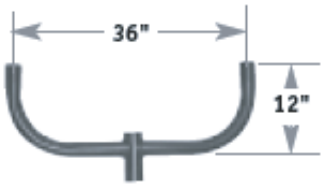
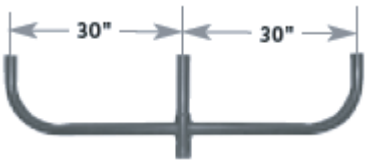


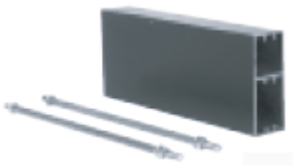
2 tier bullhorn



3 tier bullhorn

single tier bullhorn

12" brackets



Slip Fitting for "FL"

Slip fitter

trunion, wire guards and vandal proof lenses

LAMP HOLDERS

Medium

Mogul

Catalog #	Description	Std. Pkg.
	Medium Base, 4KV, Porcelain Socket w/ Leads	100
	Mogul Base, 4KV, Porcelain Socket w/ Leads	100

CAPACITORS

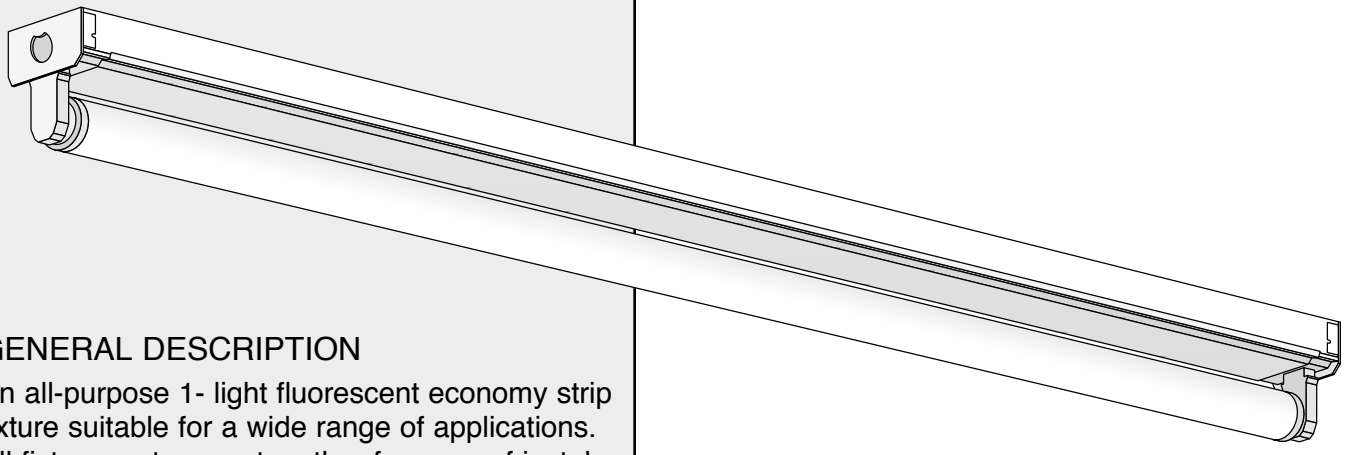
Catalog #	Description	Std. Pkg.
METAL HALIDE		
	50 watt MH Capacitor, 5 MFD, 300VAC	5
	70 watt MH Capacitor, 8 MFD, 300VAC	5
	100 watt MH Capacitor, 12 MFD, 300VAC	5
	175 watt MH Capacitor, 10 MFD, 400VAC	5
	250 watt MH Capacitor, 15 MFD, 400VAC	5
	400 watt MH Capacitor, 24 MFD, 400VAC	5
	1000 watt MH Capacitor, 24 MFD, 480VAC	5
	1500 watt MH Capacitor, 32 MFD, 525VAC	5
HIGH PRESSURE SODIUM		
	70 watt HPS Capacitor, 7 MFD, 300VAC	5
	100 watt HPS Capacitor, 10 MFD, 300VAC	5
	150 watt HPS Capacitor, 14 MFD, 280VAC	5
	250 watt HPS Capacitor, 35 MFD, 330VAC	5
	400 watt HPS Capacitor, 48 MFD, 300VAC	5
	400 watt HPS Capacitor, 55 MFD, 300VAC	5
	1000 watt HPS Capacitor, 26 MFD, 525 VAC	5

IGNITORS

Catalog #	Description	Std. Pkg.
METAL HALIDE		
	35 thru 150 watt MH Ignitor	5
HIGH PRESSURE SODIUM		
	35 thru 150 watt 55V HPS Ignitor	5
	250 thru 400 watt 100V HPS Ignitor	5
	1000 watt HPS Ignitor	5

"C" 1-Light Strip

EDSUN LIGHTING FIXTURE Mfg
"Fluorescent & HID"
Committed to Quality !



GENERAL DESCRIPTION

An all-purpose 1- light fluorescent economy strip fixture suitable for a wide range of applications. All fixture parts snap together for ease of installation and maintenance. Side knockouts are included for convenience outlet, pull switch and conduit.

SPECIFICATIONS

Housing: Die-formed 21-gauge cold rolled steel.

Cover: Snap-on type to simplify installation. Two covers are used for 30-watt tandem and 40-watt tandems.

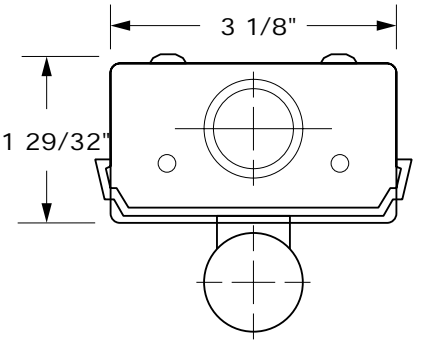
Ends and Socket Plates: Snap-in type. Ends also function as coupler for continuous row mounting. Socket plates accept slide-on or screw-down sockets.

Finish: Phosphate coating-baked white enamel with 85% reflectivity.

Mounting: Fixtures designed for surface, chain and stem hanging. Can be installed as individual units, in continuous rows or in conjunction with other housings.

Also available with electronic ballasts: T5 and T8
C117, CT5114, C124HO (24")
C125, C121, C139HO (36")
C132, C128, C154HO (48")
C2125 (72") and C2121, C2139HO Tandems.
C2132 (96") and C2128, C2154HO Tandems.

Call for desired voltages.



End View: "C" 1-Light Strip

ORDERING INFORMATION

Catalog No.	Lamps	Length
C114	1	15"
C115	1	18"
C120	1	24"
C130	1	36"
C2130	2	72"
C140	1	48"
C2140	2	96"

ALSO AVAILABLE W ELECTRONIC BALLAST

NOTES

Dimensions subject to change without notice.

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e-mail:edsunlighting@sprynet.com

"CR" chrome reflectors

Your answer to "BRIGHTER" warehouse areas at lower electrical bills. Check out our NEW MaxiIndustrial !

Standard Applications

- Relamp or delamp 1' x 4' and 1' x 8' fixtures
- Enhance light levels on existing strip fixtures
- Substantial energy savings with excellent payback
- Light level flexibility
  - Ballast and lamp combinations
  - One, two and three lamp options
- Convert 8' lamps to 4' lamps
  Energy Policy Act 1992
- Reduced lamp replacement cost

Features

- No replacement necessary for up to 25 years
- Bends designed for maximum efficiency
- Reflector is UL Classified as a ballast cover
- Reversible brackets for lamp flexibility
- Clip in brackets with tool less ballast access available

Installation

- 3.5", 4.25", 5" and 5.5" standard channel sizes
- Adjustable spread C-brackets available
- Quarter turn / clip in reflector for easy installation
- Tek screw slots for easy 48" bracket centering
- Rounded edge brackets for installation safety

Maintenance

- Tool less ballast access
- Easily cleaned

2) 4' sections are used for 8' fixture.

Energy Policy Act Eliminated in 1995
F96T12 HO double contact base
F96T12 slimline single pin base

Standard Kit includes:

- (1) "CR" reflector made from specified material/channel width
- (2) 100 Series brackets
- (4) Quarter turns
- (5) Tek screws

Fixtures: WITH "CR" CHROME REFLECTORS

PART NO.	BALLAST	LAMP	
C154HO-CR	U	1)F54T5HO	4'
C132-CR	1-2-U	1)F32T8	4'
C2132-CR	1-2-U	2)F32T8	8'
C196-CR	1-2-U	1)F96T8	8'
C196HO-CR	1-2-	1)F96T8HO	8'
C254HO-CR	U	2)F54T5HO	4'
C232-CR	1-2-U	2)F32T8	4'
C2232-CR	1-2-U	4)F32T8	8'
C296-CR	1-2-U	2)F96T8	8'
C296HO-CR	1-2-	2)F96T8HO	8'

•BALLAST OPTIONS: 1-(120V), 2-(277V), U-(120-277V UNV).

Now available with 4 or 6 F54T5HO CR UNV ballast.

"C" 2 Light Strip

EDSUN LIGHTING FIXTURE Mfg

Quality Fluorescent & HID Manufacturer

GENERAL DESCRIPTION

An all-purpose 1- or 2-light economy strip for a wide range of bi-pin and slimline fluorescent lighting applications. All fixture parts snap together for ease of installation and maintenance. Side knockouts are included for convenience outlet, switch and conduit. Chain hanger slots are provided on the sides and back.

SPECIFICATIONS

Housing: Die-formed 21-gauge cold rolled steel.

Cover: Snap-on type; fabricated in two sections for 72" and 96" bodies to simplify installation. Same cover can be used for shallow or deep fixtures.

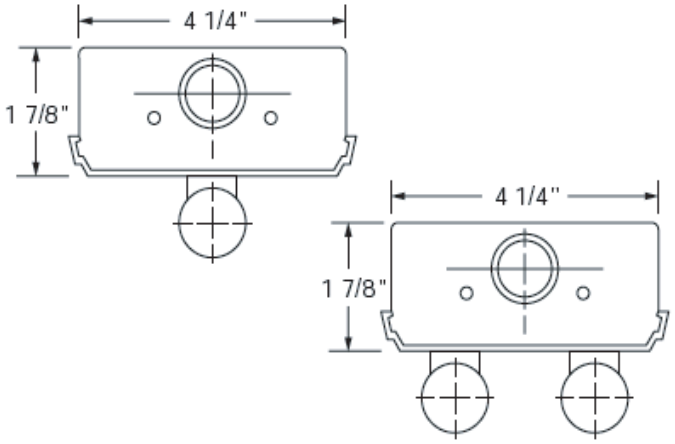
Ends and Socket Plates: Snap-in type. Ends also function as couplers for continuous row installations.

Finish: Phosphate coating-baked white enamel with 85% reflectivity.

Mounting: Fixtures designed for surface, stem, or chain hanging. Can be installed as individual units or in continuous rows.

NOTES

Dimensions subject to change without notice.



End Views: **2-Light Models**

ORDERING INFORMATION

Catalog No.	Lamps	Length	Type
	T8		
C217	2-T8	24"	Electronic
C225	2-T8	36"	Electronic
C232	2-T8	48"	Electronic
C296T8	2-T8	96"	Electronic
C2225	4F25T8	72"	Electronic Tandem
C2232	4F32T8	96"	Electronic Tandem
	T5		
C214T5or24T5HO	2-F14T5/F24T5HO	24"	Electronic
C221T5or39T5HO	2-F22T5/F39T5HO	36"	Electronic
C228T5or54T5HO	2-F28T5/F54T5HO	48"	Electronic
C2221T5/39T5HO	4-F22T5/F39T5HO	72"	Electronic Tandem
C2228T5/54T5HO	4-F28T5/F54T5HO	96"	Electronic Tandem
	T12		
C220	2-T12	24"	Magnetic
C230	2-T12	36"	Magnetic
C240	2-T12	48"	Magnetic
C272	2-T12	72"	Magnetic
C296	2-T12	96"	Magnetic
C2230	4-F30T12	72"	Magnetic Tandem
C2240	4-F40T12	96"	Magnetic Tandem

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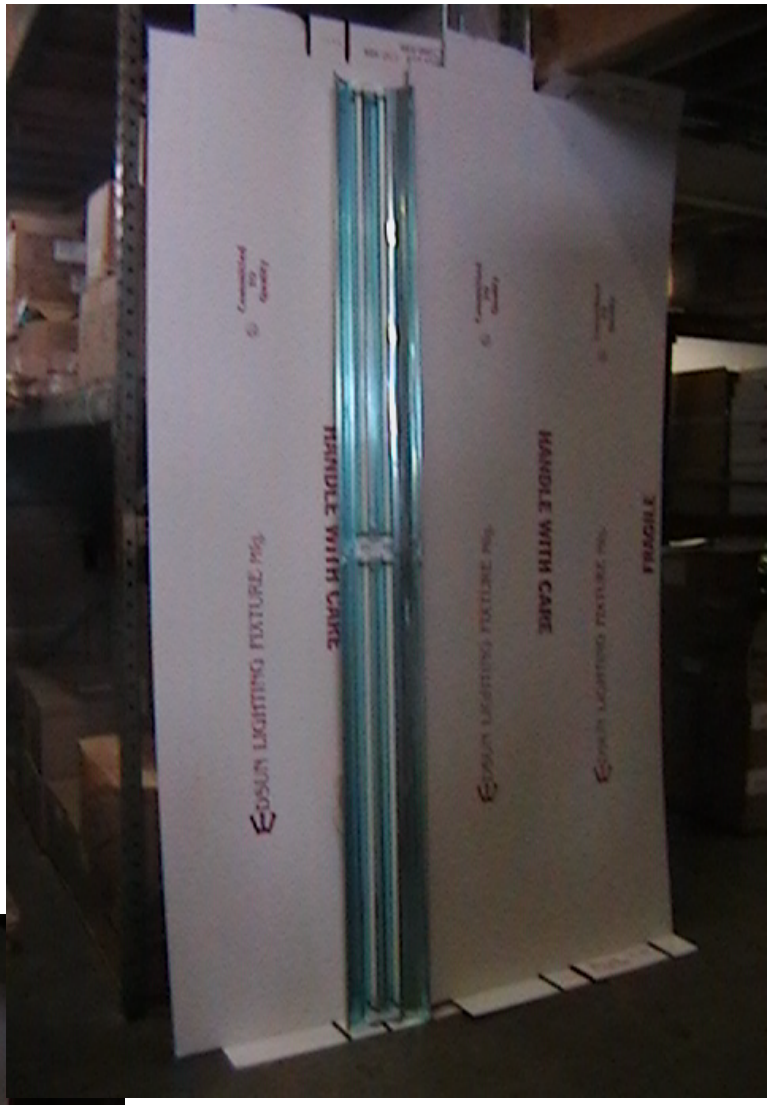
Edsun Lighting Fixture Mnfg. 569 W 17 St., Hialeah, FL 33010
www.edsunlighting.com Ph. (305)888-8849

Mega Industrial-4

4)F54T5HO LAMPS•UNV BALLAST•
20,000 LUMENS
Edsun Part No.:C2254-UNV-CR

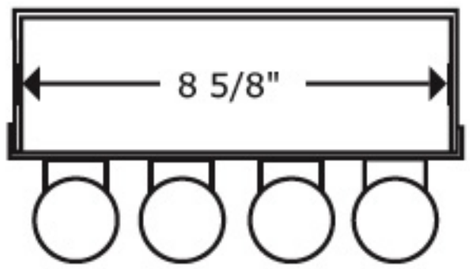
Four and six lamp F54T5HO "MEga Industrial" fluorescent fixture with UNV voltage ballasts and chrome reflectors for an ADDITIONAL 38%+- lumen output. For those who want optimum energy savings in their commercial establishments and warehouse facilities. The four lamp fixture is equivalent to a 250W MH Hibay, and the six lampfixture is euivalent to the 400 MH Hibays. With the addition of the chrome reflector the lumen output on these MEGA INDUSTRIALS, lumen outputs increase to 27,600 on the four lamp and 41,400 on the six lamp fixture. MH250 lamp is rated at 20,500 initial lumen and 17,000 "mean" lumens. The MH400 lamp is rated at 36,000 initial lumens and 28,800 "mean" lumen output.

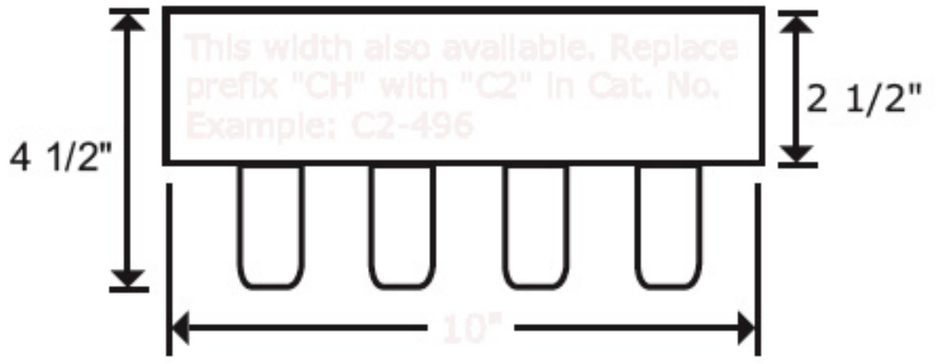


Mega Industrial-6

6)F54T5HO LAMPS•UNV BALLAST•
30,000 LUMENS
Edsun Part No.:C2354-UNV-CR

Strip Fixture
Series CH





Application
A rugged extra wide channel fixture.

FEATURES & SPECIFICATIONS

Attributes
Most rigid design ever made! Channel grooved top and bottom with embossment down the middle of entire side! Ballast cover embossed along its entire length! Available in 2-, 3- or 4-lite - rapid start, 430 MA slimline and high output. Combination end-plate-and-coupler firmly aligns channels for continuous row mounting saves installation times! 4-Ft. ballast covers "snap on" -require no tools for fastners!

Construction
The housing to be die formed of 20 gauge steel for maximum rigidity and uniformity. Reflector covers on 8 ft., and 6 ft. units to be fabricated in two sections for maximum installation and maintenance ease. The 4 ft. units to have one 4ft. cover. All reflector covers to be attached without tools to the back housing. Socket mounting plates are of 18 gauge steel designed for snap-in installation in die-cut slots in housing. Combination end-couplers to be provided, which when used as a coupler, shall permit the use of the housing as a continuous wireway.

Mounting
Units may be surface or pendant mounted, individually or in continuous rows. For continuous back to back socket mounting, combination end couplers shall be inserted into ends of adjoining units to act as a sleeve coupling and to permit use of housing as a continuous wireway.

Electrical
All units to be wired with High Power Factor U.L. Approved series ballasts for 110-125 volt, 60 cycle, A.C. operation. Sockets to be single pin or double recessed contact spring loaded pedastal type, as required.

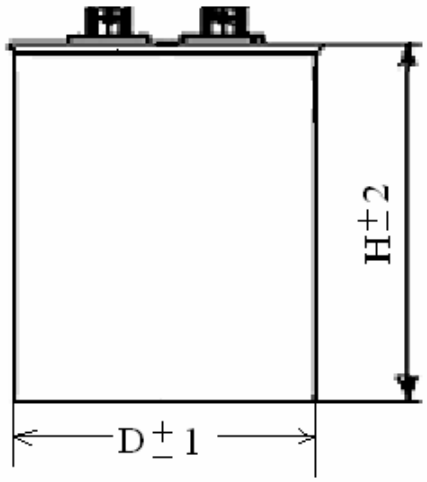
Listing
Fixtures conform to Underwriters' Laboratories standards for production and are carefully tested prior to packing.

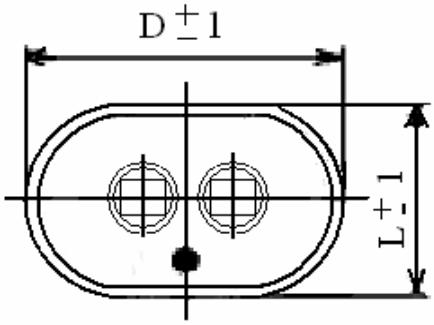
Edsun Lighting Fixture Mnfg. 569 West 17 St., Hialeah, FL USA 33010-2412 • (305) 888-8849 • Fax: (305) 883-0005 • www.edsunlighting.com
email: edsunlighting@sprynet.com

CAPACITORS

HID Lighting Capacitors, Oil Filled, Oval Metal Case

Technical Specification	
Temperature Range	-40 to 70°C, 85°C, 100°C
Rated Voltage	120 to 540 VAC
Dielectric Withstand Voltage	T - T: 1.75 x Rated Voltage T - C: 2000 VAC
Capacitance Range	3 to 100μ F
Capacitance Tolerance	±3%
Dissipation Factor	Tan ? ? 0.2% (100 Hz)





Rated Capacitance (μ F)	Rated Voltage (VAC)	Application BALLAST	STARTERS
7		HPS70	HPS35-50-70-100-150
10		HPS100	
14		HPS150	
35		HPS250	HPS250-400
48		HPS400	
26		HPS1000	HPS1000
10		MH100-175	MH70-100
15		MH250	
24	3.1”	MH400	
24	3.9”	MH1000	
55 (slow)		HPS400	

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"CB"

Application

- Bathrooms
- Stairwells

Finishes Available

- Chrome
- White

Diffuser

- Smooth white acrylic

Features

- Knockout for C.O. and Switch

Optional Features

- Piercing for GFCI available in ballast cover

Lamping Options		
T12	**T8**	
(1 or 2) 20W	(1 or 2) 17W	
(1 or 2) 30W	(1 or 2) 25W	
(1 or 2) 40W	(1 or 2) 32W	

ORDERING INFORMATION

Magnetic Part No.			Electronic Part No.	
1 lamp	2 Lamp		1 lamp	2 Lamp
CB120C	CB220C	24"	CB117C	CB217C
CB120W	CB220W	24"	CB117W	CB217W
CB130C	CB230C	36"	CB125C	CB225C
CB130W	CB230W	36"	CB125W	CB225W
CB140C	CB240C	48"	CB132C	CB232C
CB140W	CB240W	48"	CB132W	CB232W

Call for voltages other than 120V

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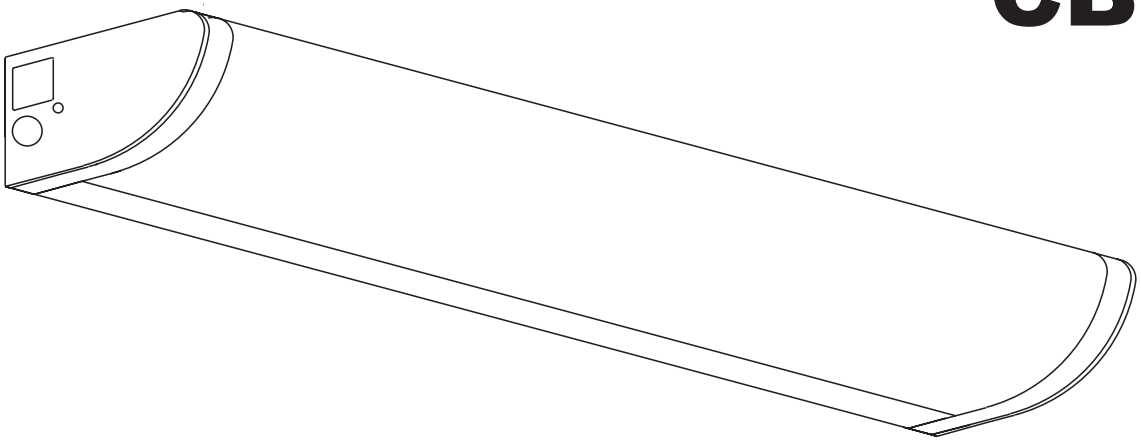
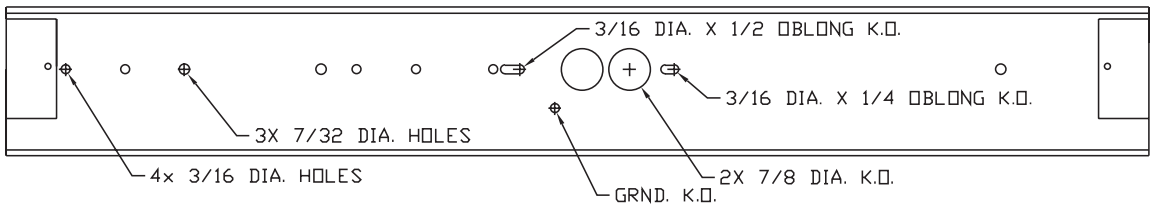
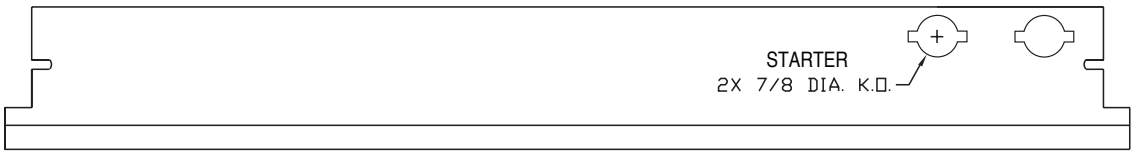
"CB"

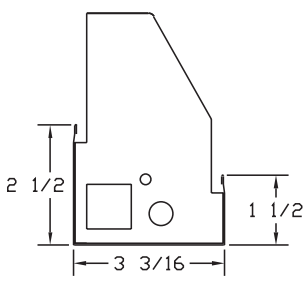




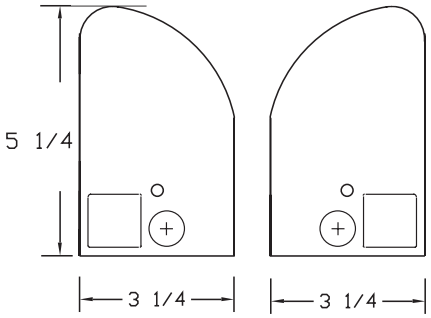
TOP
W/O DIFFUSER



COVER



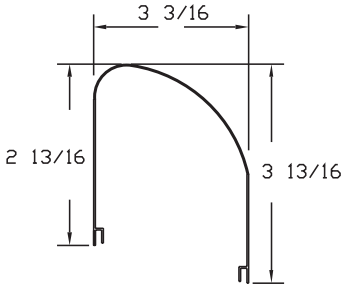
END W/O PLATE



LEFT END PLATE RIGHT END PLATE

END PLATE

STANDARD PAIR HAS KOs
ON BOTH ENDS.
ALSO AVAILABLE WITHOUT KOs



DIFFUSER

T8	
SIZE	LENGTH
(1 OR 2) 17W	24-1/4
(1 OR 2) 25W	36-1/4
(1 OR 2) 32W	48-1/4

T12	
SIZE	LENGTH
(1 OR 2) 20W	24-1/4
(1 OR 2) 30W	36-1/4
(1 OR 2) 40W	48-1/4

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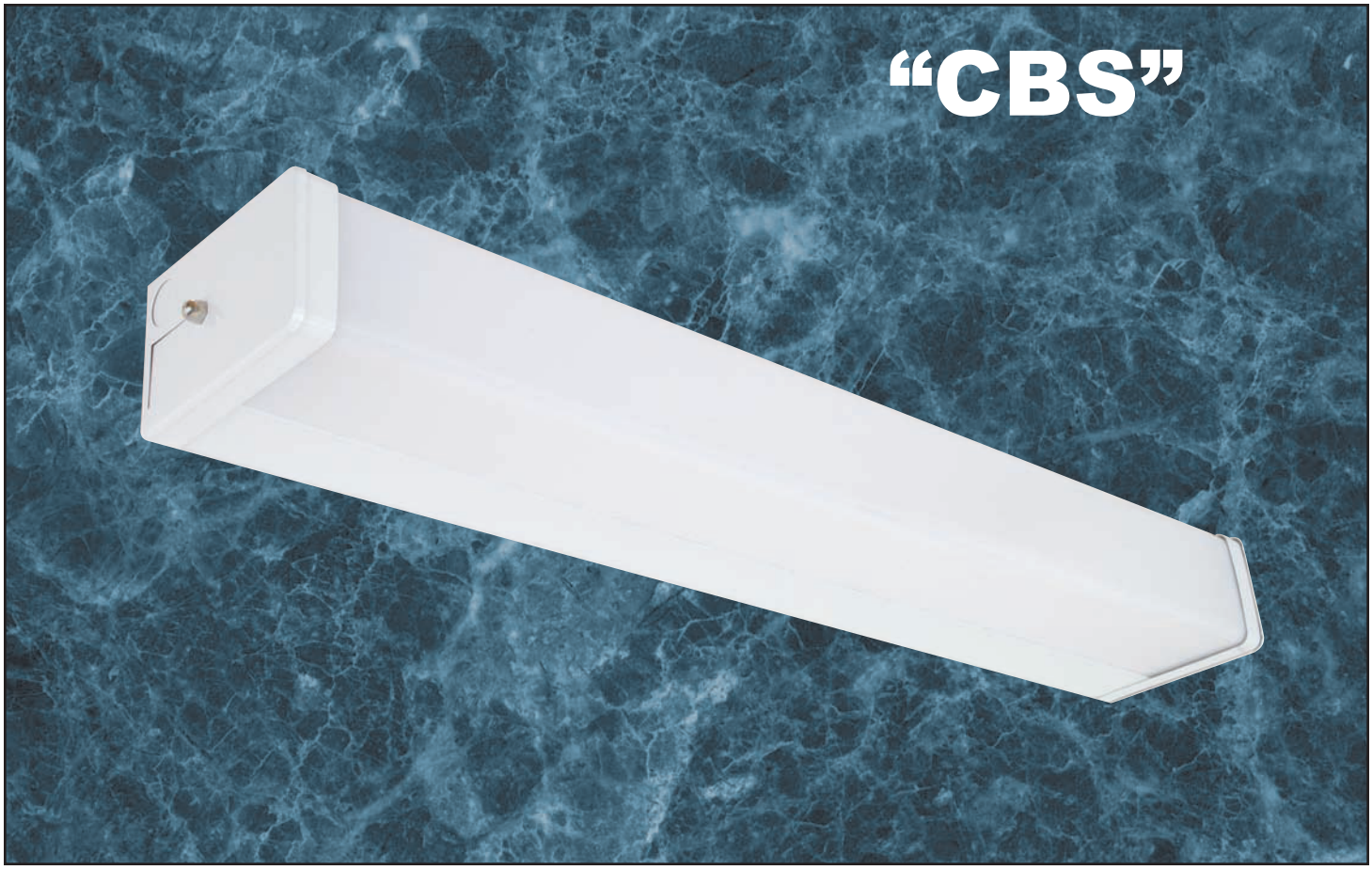
"CBS"



Application

- Wall or ceiling mounted
- Bath bracket

Finishes Available

- White

Diffuser

- Smooth white acrylic

Features

- Knockout for C.O. and switch

Options:

- pc switches
- receptacles

Lamping Options		
T12	**T8**	
(1) 20W	(1) 17W	24″
(1) 30W	(1) 25W	36″
(1) 40W	(1) 32W	48″

Magnetic Part No.			Electronic Part No.	
1 lamp	2 Lamp		1 lamp	2 Lamp
CB120W	CB220W	24”	CB117W	CB217W
CB130W	CB230W	36”	CB125W	CB225W
CB140W	CB240W	48”	CB132W	CB232W

Call for voltages other than 120V

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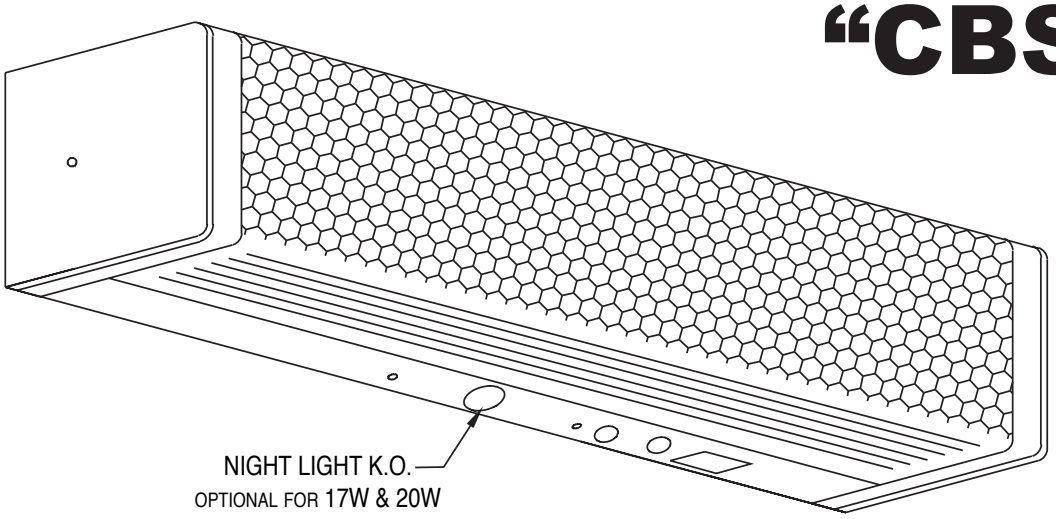
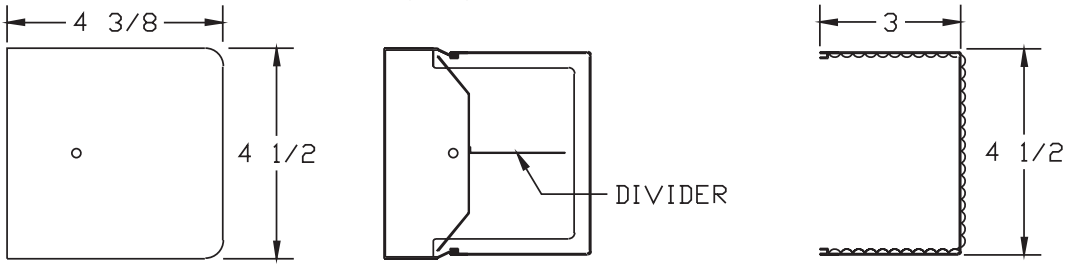
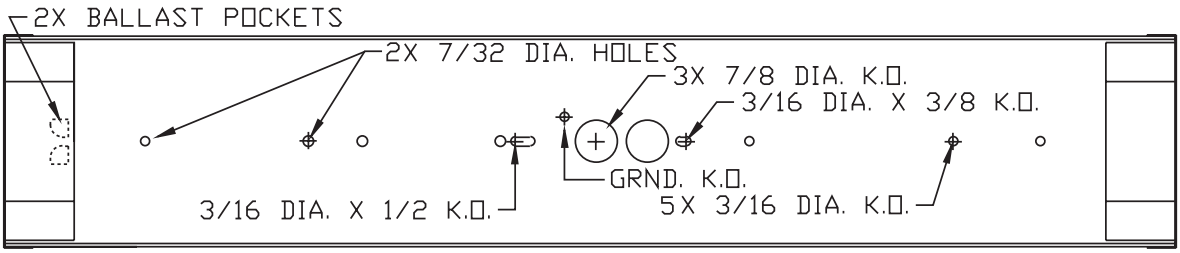
"CBS"

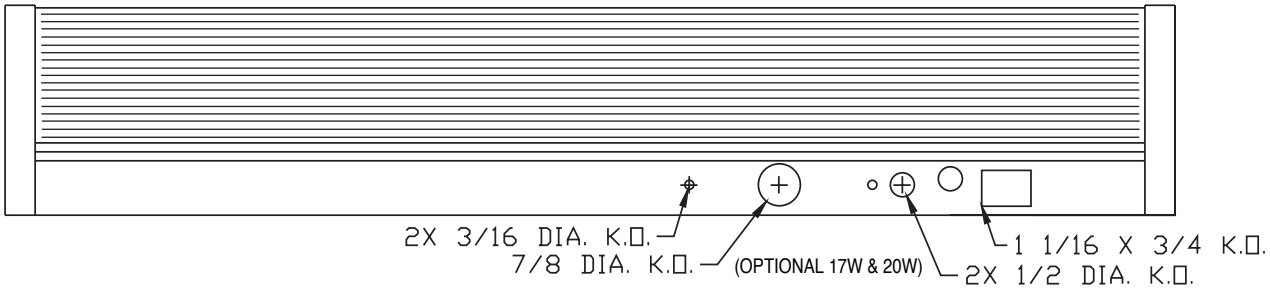




END | **DIVIDER** OPTIONAL | **LENS**



TOP



SIDE W/LENS

T8	
SIZE	LENGTH
(1 OR 2) 17W	24-1/4
(1 OR 2) 25W	36-1/4
(1 OR 2) 32W	48-1/4

T12	
SIZE	LENGTH
(1 OR 2) 20W	24-1/4
(1 OR 2) 30W	36-1/4
(1 OR 2) 40W	48-1/4

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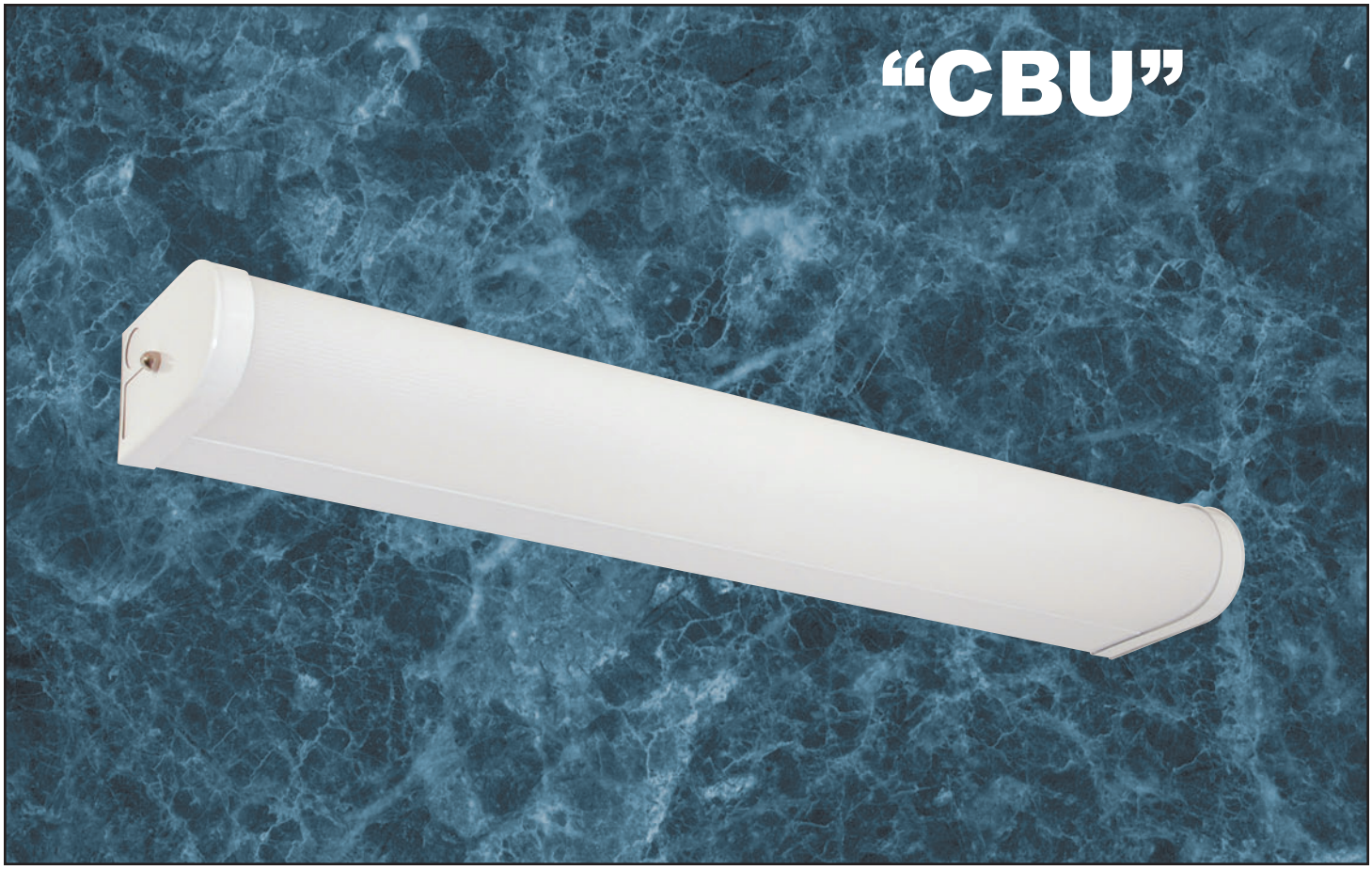
"CBU"



Application

- Wall or ceiling mounted
- Bath bracket

Finishes Available

- Chrome
- White

Diffuser

- Ribbed white acrylic

Features

- Knockout for C.O. and switch

Options:

- Switch
- Receptacle
- Cord

Lamping Options

T12	T8	
(1) 20W (1) 30W (1) 40W	(1) 17W (1) 25W (1) 32W	24" 36" 48"

Magnetic Part No. 1 lamp		Electronic Part No. 1 lamp
CBU120W	24"	CBU117W
CBU130W	36"	CBU125W
CBU140W	48"	CBU132W

Call for voltages other than 120V

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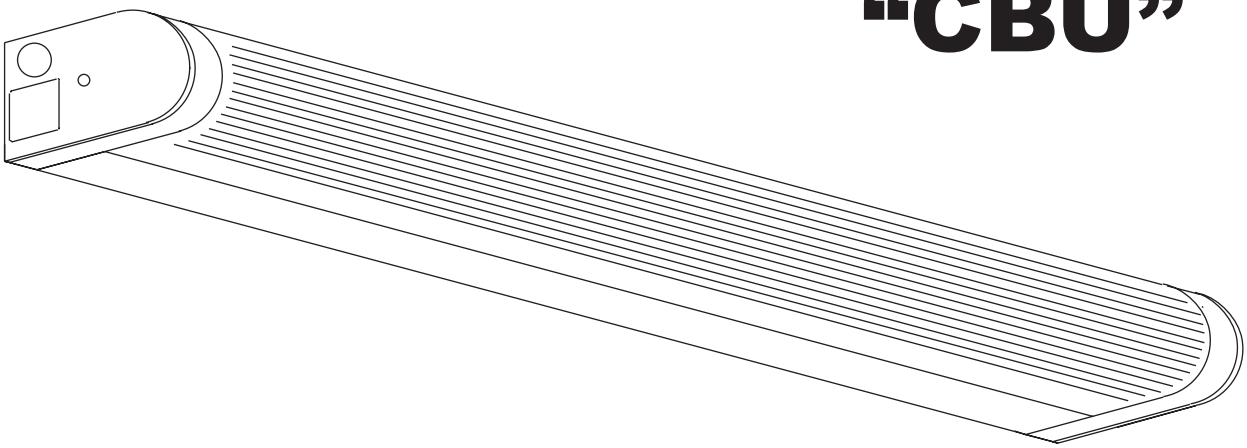
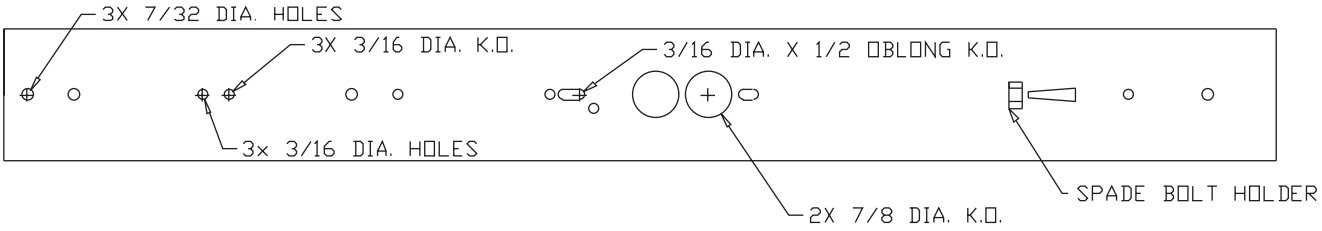
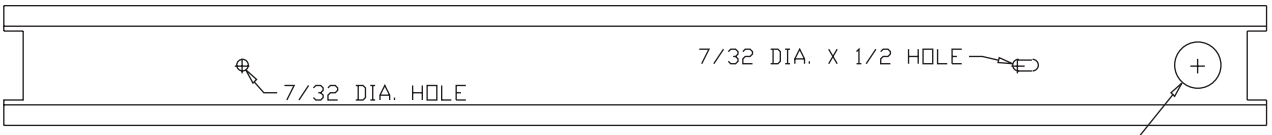
"CBU"



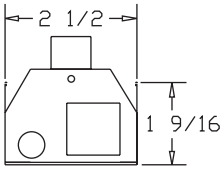


TOP
W/O DIFFUSER

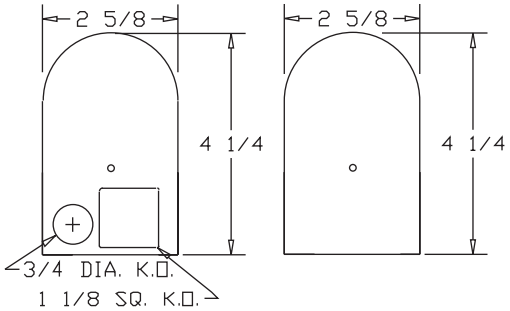


COVER

STARTER

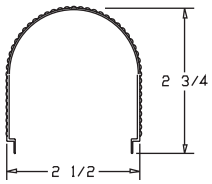


END W/O PLATE



END PLATE

STANDARD PAIR IS ONE PLAIN
AND ONE WITH KOs



DIFFUSER
RIBBED

T8	
SIZE	LENGTH
(1) 17W	24-1/4
(1) 25W	36-1/4
(1) 32W	48-1/4

T12	
SIZE	LENGTH
(1) 20W	24-1/4
(1) 30W	36-1/4
(1) 40W	48-1/4

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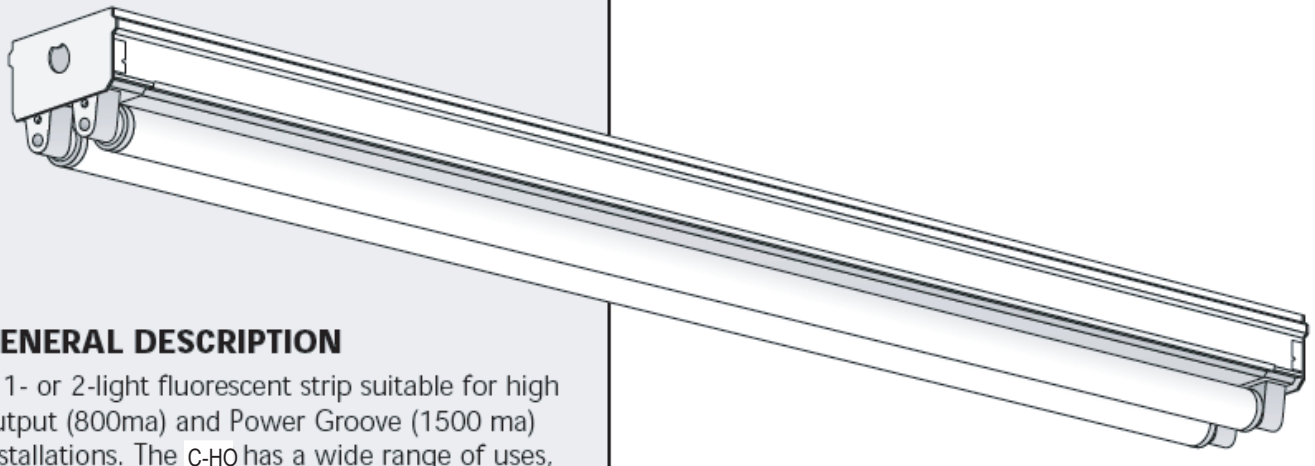
1-2 light "HO" Strip

EDSUN LIGHTING FIXTURE Mfg

Quality Fluorescent and HID Fixtures



GENERAL DESCRIPTION

A 1- or 2-light fluorescent strip suitable for high output (800ma) and Power Groove (1500 ma) installations. The C-HO has a wide range of uses, including Slimline and Rapid-Start applications. All fixture parts snap together for ease of installation and maintenance. Side knockouts are provided for convenience outlet, pull switch and conduit. Sides and back have knockouts for chain hangers.

SPECIFICATIONS

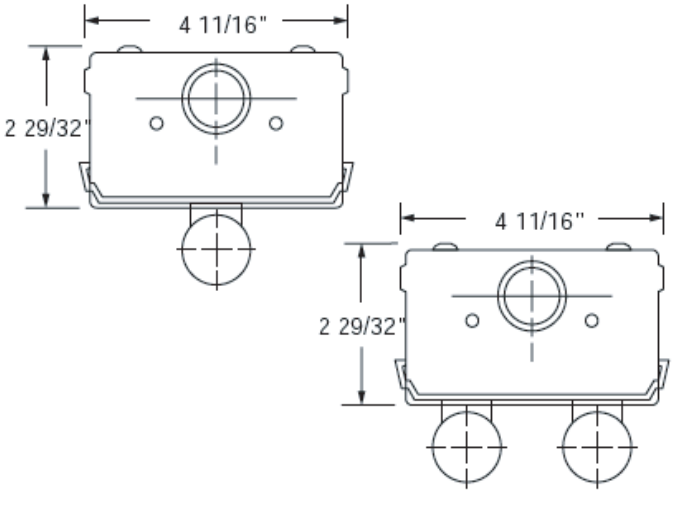
Housing: Die-formed 20-gauge cold-rolled steel with stiffener ribs on sides for extra strength.

Pan Cover: Snap-on type, fabricated in two sections for 72" and 96" bodies to simplify installation. Same cover can be used for shallow or deep fixtures.

Ends and Socket Plates: Snap-in type. Ends also function as coupler for continuous row mounting. As an option, ends can be attached with 1/8" dia. x 1/4"lg. rivets.

Finish: Phosphate coating-baked white enamel with 85% reflectivity.

Mounting: Fixtures designed for surface, stem or chain hanging. Can be installed as individual units or in continuous rows.



End Views: DEP Series 1- and 2-Light Model

ORDERING INFORMATION

Catalog No.	Lamps	Length
C148HO	1	48"
C172HO	1	72"
C196HO	1	96"
C248HO	2	48"
C272HO	2	72"
C296HO	2	96"
C296T8HO	2	96"

NOTES

Dimensions subject to change without notice.

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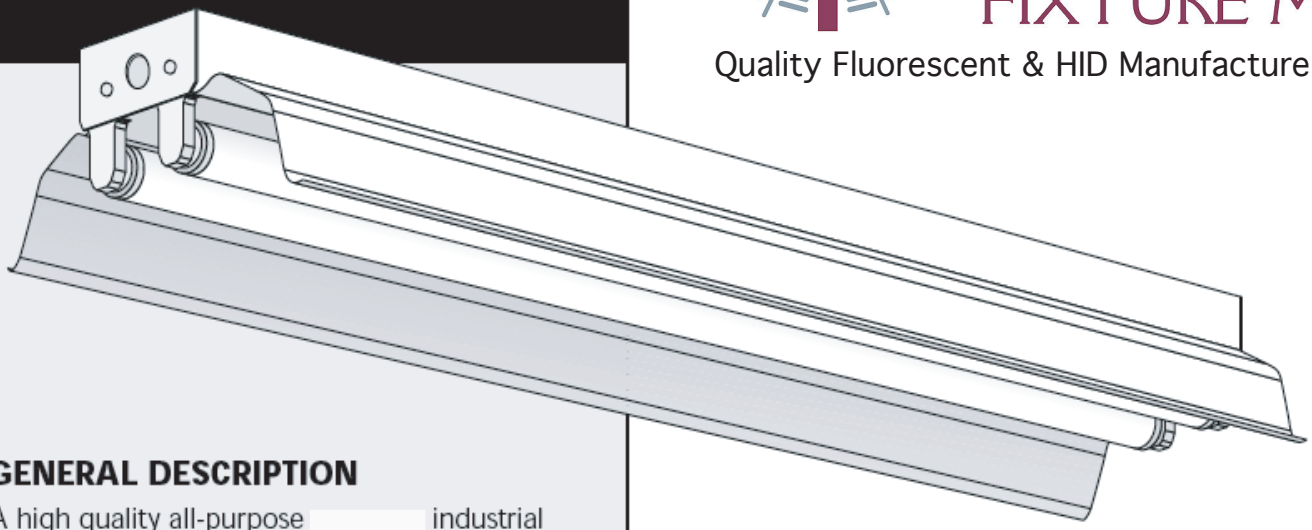
"CI" 2 LIGHT

Industrial

EDSUN LIGHTING FIXTURE Mfg

Quality Fluorescent & HID Manufacturer



GENERAL DESCRIPTION

A high quality all-purpose industrial with symmetrical reflector. All fixture parts snap together for ease of installation and maintenance. Side knockouts are included for convenience outlet, pull switch and conduit. Sides and back have knockouts for chain hangers.

SPECIFICATIONS

Housing: Die-formed 21-gauge cold rolled steel with side knockouts for convenience outlet, pull switch and conduit. Sides and back have knockouts for chain hanging. U.L. listed.

Reflector: Same reflector can be used for shallow and deep fixtures. One end of reflector slides into socket plate and other end is held on by a cam-lock (not included). Fabricated in two sections for 72" and 96" bodies to simplify installation. Aligners available for tandem configurations and continuous runs.

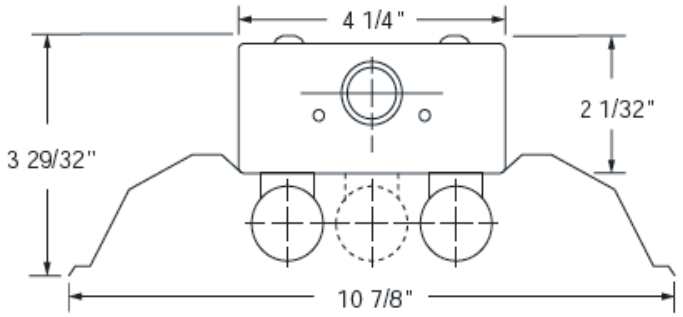
Ends and Socket Plates: Snap-in type. Ends also function as couplers for continuous row mounting.

Finish: Phosphate coating-baked white enamel with minimum 85% reflectivity.

Mounting: Fixtures designed for surface, stem or chain hanging. Can be installed as individual units or in continuous rows.

NOTES

Dimensions subject to change without notice.



Series End View
"CI"

ORDERING INFORMATION

Catalog No.	Lamps	Length	Type
T5			
CI228	2	48"	Electronic
CI254HO	2	48"	Electronic
CI2221	4	72"	Electronic-tandem
CI2239HO	4	72"	Electronic-tandem
CI2228	4	96"	Electronic-tandem
CI2254HO	4	96"	Electronic-tandem
T8			
CI232	2	48"	Electronic
CI296T8	2	96"	Electronic
CI296T8HO	2	96"	Electronic
CI2225	4	72"	Electronic-tandem
CI2232	4	96"	Electronic-tandem
T12			
CI240	2	48"	Magnetic
CI248	2	48"	Magnetic
CI272	2	72"	Magnetic
CI296	2	96"	Magnetic
CI2230	4	72"	Magnetic-tandem
CI2240	4	96"	Magnetic-tandem

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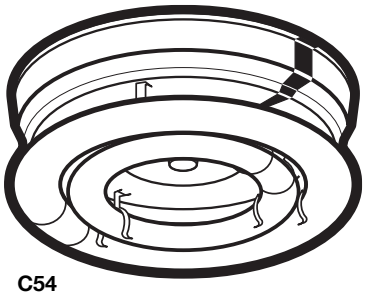
Circlines

C, CX6, CX6SQ, CPuff

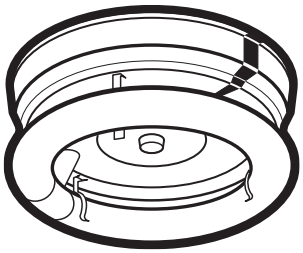
9", 11", 12", 14", 19"

EDSUN LIGHTING FIXTURE Mfg

CHROME

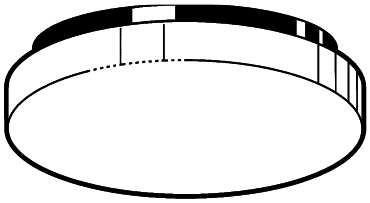


C54



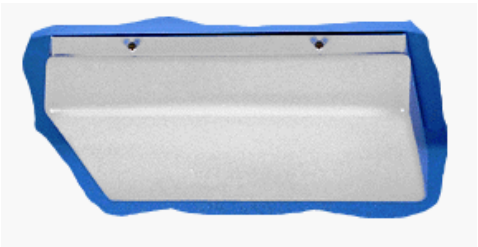
C22 WHITE
C32 CHROME

Round "DECO"



C22X6	**1)FC8T9**	**11"**
C32X6	**1)FC12T9**	**14"**
C54X6	**1)FC8T9 & FC12T9**	**14"**
C40X6	**1)FC16T9**	**19"**
C72X6	**1)FC12T9 & FC16T9**	**19"**
C22X6-2PL9		**11"**
C32X6-2PL13		**14"**
C32X6-2PL26		**14"**

Same as above but SQUARE



Round "Puff"

Housing: Die-formed heavy gauge steel with high-gloss baked white enamel finish (minimum reflectance 86%) over rust inhibiting phosphate coat. Chrome model is plated finish.

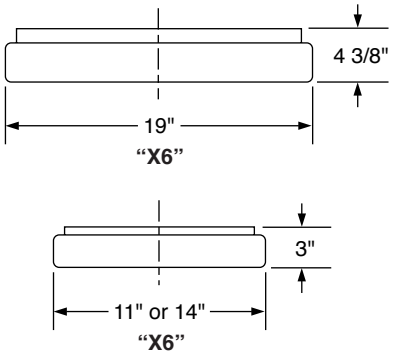
Shielding: Translucent white acrylic diffuser (X6, X6SQ, Puff).

Electrical: Fluorescent wired for 120V, 60Hz AC operation, thermally protected, Class P, sound rated A, nominal power factor ballast, unless otherwise specified. UL listed.

Mounting: Ceiling mount. 54W and 72W models require both lamps to be installed.

Critical Application: Edsun strives to offer the most current product designs and value. Consequently, all Edsun products are subject to redesign and revision. Critical applications such as size, operating temperature, or sensor operation should be confirmed with the factory.

DIMENSIONS



FEATURES AND BENEFITS

Bare bulb or diffused light (C)	•	Economical, efficient lighting source
Translucent white acrylic diffuser ("X6 & Puff))	•	Soft, even illumination; flawless look
Chrome set screws (X6 & Puff)	•	Easy installation and maintenance

ORDERING INFORMATION

Example: C22W120V

SERIES	LAMPS	HOUSING	OPTION	VOLTAGE
C - Bare Bulb PC 555 - Shade	22 - (1) 22W Circline 32 - (1) 32W Circline 54 - 22W & 32W Circlines	For C Bare Bulb Series Only Blank for Chrome W - White	L1 - Lamps Included	120V 277V

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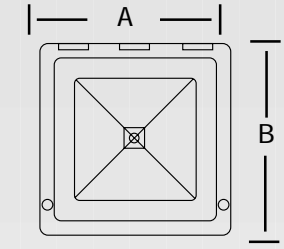
CL Series – 8" & 12" Square/HID Canopy

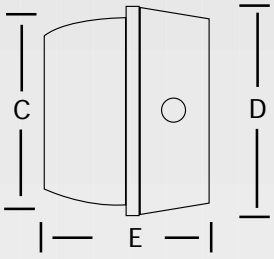
Edsun Lighting Fixture Mnfg. Hialeah, FL 33010

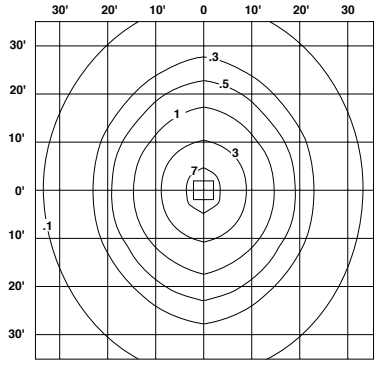
LISTED FOR DAMP & WET LOCATIONS

Dimensions

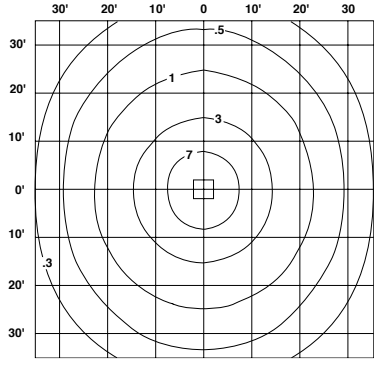
	A	B	C	D	E	Approx. Ship Wt.
CL Series	8.625"	8.625"	8"	9"	7.375"	15 LBS
CL Series	12"	12"	12"	12.5"	8.5"	17 LBS







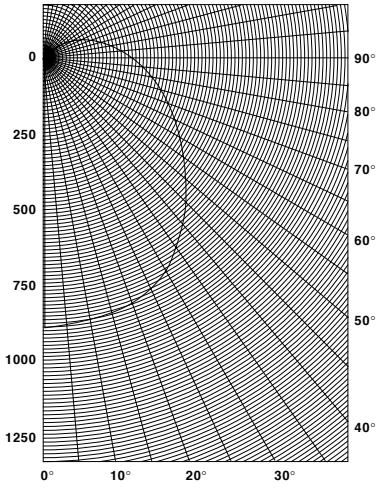
70W HPS CL8 Series at 10' mounting height.



150W HPS CL12 Series at 15' mounting height.

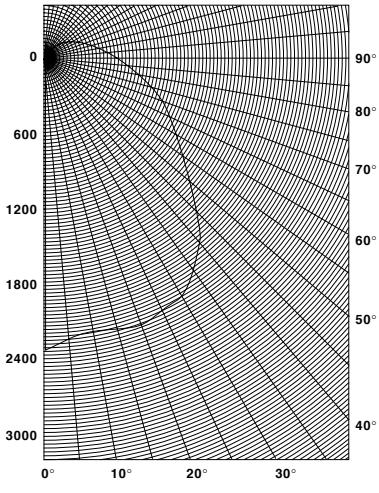
8" SQUARE PRISMATIC PHOTOMETRIC DATA

Lamp: High Pressure Sodium
Wattage: 70W
Lumens: 6,300
Lens: Polycarbonate



12" SQUARE PRISMATIC PHOTOMETRIC DATA

Lamp: High Pressure Sodium
Wattage: 150W
Lumens: 16,000
Lens: Polycarbonate



Perfect for schools, recreation areas, garages, hotels/ motels and institutions, the CL Series vandal resistant HID fixtures are made of a die formed heavy aluminum, coated with a five-stage powder coat. Available with either standard or tamperproof screws.

Optics

The clear prismatic polycarbonate refractor with UV inhibitors minimize discoloration. An internal or external hood is available to control light distribution when wall mounted in the vertical position.

Lamps

The CL8 Series utilizes medium base HPS 35-70W, Quad PL42w fluorescent and metal halide lamps in -70W, where the CL12 Series uses medium based 70-150W HPS, Quad 70w fluorescent 50-150W metal halide lamps.

Ballast

The metal halide ballast is a high reactance, high power factor ballast, available in multi-tap (120/208/240/ 277V). The HPS is standard with normal power factor but can be ordered with high power factor as an option. The fluorescent utilizes a "UNV" ballast.

Mounting

The CL8 & CL12 fixtures can be either ceiling mounted or wall mounted.

Warranty

The CL8 & CL12 Series fixtures sold by Edsun Lighting, unless otherwise specified, will be warranted to be free of defects in materials and workmanship under normal use and service for a period of two (2) years from date of shipment. If found to be defective by us, we will replace the non-performing components.

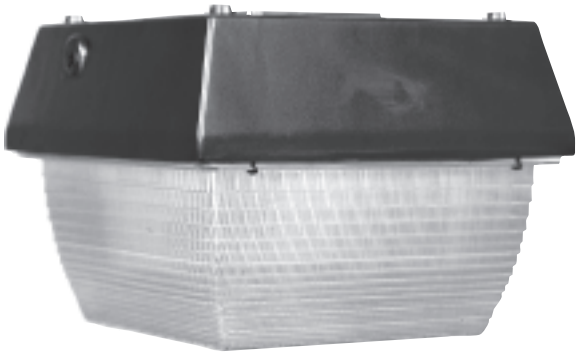
“CL12”

12 x 12
Square Vandalier
Series

EDSUN LIGHTING FIXTURE Mfg

Committed To Quality !

Fluorescent & HID Manufacturer



Listed for Wet Locations

70 to 150W MH | 70-150W HPS | 70w Fluorescent

FEATURES

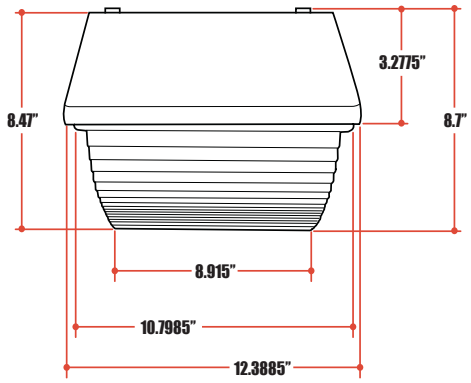
- Die Cast Aluminum Housing
- Injection Molded Lens
- Threaded Conduit Access
- Lamp Included

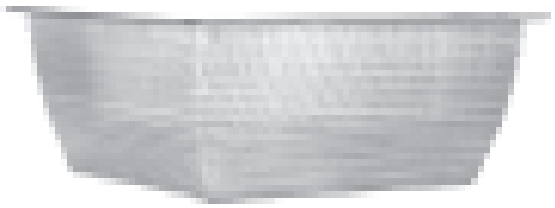
ORDERING INFORMATION

Catalog #	Description	Volts	Ballast Type	Lamp
METAL HALIDE/HPS/Fluorescent				
CL12MH70-175MTMED	70thru175 watt M	Quad V	HX-HPF	MH70-175/U/M
CL12HPS70-150MTMED	70-150 watt HPS	Quad V	HX-HPF	HPS70-150/M
CL12Q70UNV	70w CompFluor4Pin	120-277V	UNV	F70QBX

DIMENSIONS

Approx. Weight: 18 lbs.





Replacement Lenses

Clear prismatic injection moldedpolycarbonate/acrylic refractor lens with UV inhibitors that minimizw discoloration.

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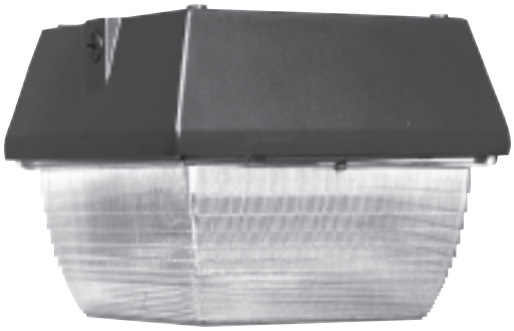
"CL8"

8 x 8
Square Vandalier
Series



Listed for Wet Locations

EDSUN LIGHTING FIXTURE Mfg

Fluorescent & HID Manufacturer

Committed To Quality !

50 to 70 watts MH | HPS | Fluorescent

FEATURES

- Die Cast Aluminum Housing
- Injection Molded Lens
- Threaded Conduit Access
- Tamper Proof Screws Available
- Lamp Included

ORDERING INFORMATION

Catalog #	Description	Volts	Ballast Type	Lamp
METAL HALIDE				
CL8MH70MTMED	70 watt MH	Quad V	HX-HPF	MH70/U/M
HIGH PRESSURE SODIUM				
CL8HPS50MTMED	50 watt HPS	120 V	R-NPF	C50S68/M
CL8HPS70MTMED	70 watt HPS	120 V	R-NPF	C70S62/M
FLUORESCENT				
CL8Q42UNV	13-42WCF4Pin	120-277 V	UNV	F13-42TBX

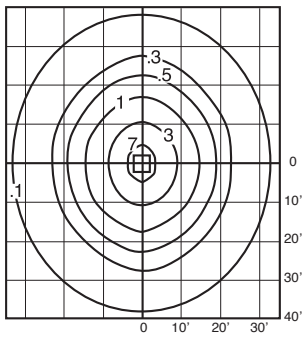
ACCESSORIES (FIELD INSTALLED)

Catalog #	Description	Std. Pkg.
	Clear Prismatic Diffuser	1
	Tamper-proof screws	4
	Tamper-proof screw tool	1

Clear prismatic injection moldedpolycarbonate/acrylic refractor lens with UV inhibitors that minimizw discoloration.

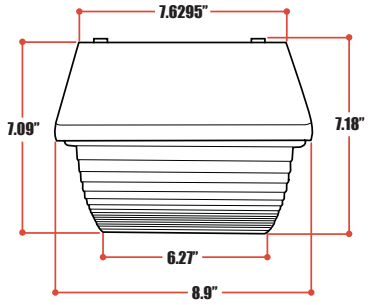
PHOTOMETRICS

70W HPS @ 10' Mounting Height
Isofootcandles



DIMENSIONS

Approx. Weight: 12 lbs.



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EDSUN LIGHTING FIXTURE Mfg *Committed to Quality!*

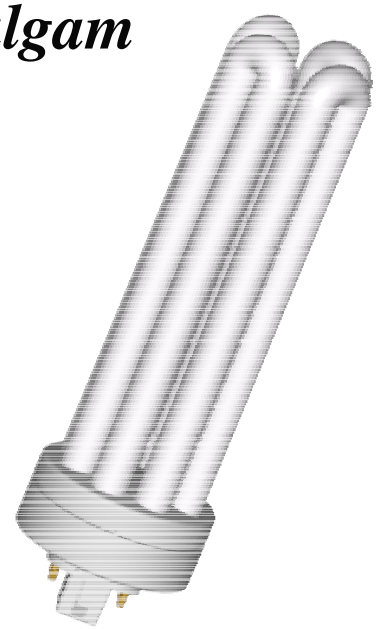
Fluorescent & HID Manufacturer

GE Lighting

Q/E 70W Compact Fluorescent Lamp

Biax™ Q/E 70W with amalgam

Preliminary Product Information Sheet



DESCRIPTION

The Biax™ Q/E 70W, a unique high output compact fluorescent lamp is the result of GE's latest development. This design incorporates very high luminous output with compact size and four-tube shape for excellent circular light distribution.

KEY FEATURES

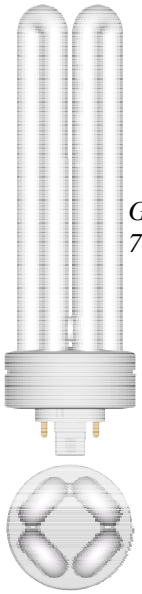
- Amalgam technology providing stable light output in wide temperature range regardless the burning position
- Reliable starting even in extreme thermal conditions
- High Frequency operation dimmable 4-pin design
- High luminous output and efficacy
- Long life
- High color rendering index
- Available in three color temperatures
- Built-in End-of-Life protection
- Wide operating temperature range

APPLICATIONS

- Office
- Commercial
- Retail
- School
- Healthcare
- Hotel/Motel
- Restaurant
- Industrial
- Sports halls
- Outdoor

COMPARISON

What GE offers:
- More light by 16% at the same overall length
- More uniform light distribution due to the unique OCT shape



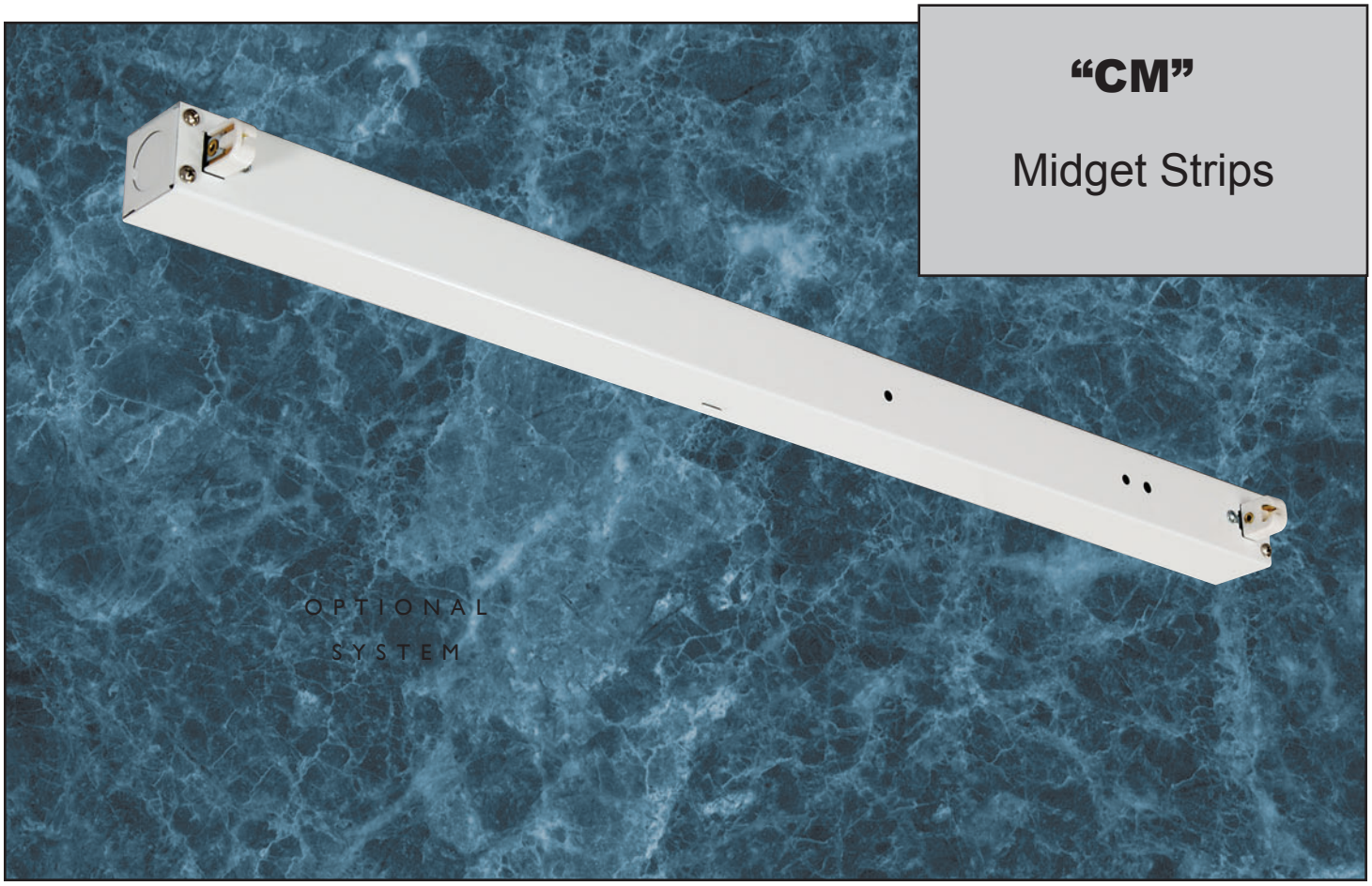
GE 70W

Major Competitor 57W

TECHNICAL DETAILS

• Rated lamp power ……..……	70 W
• Initial lumens …..……	5,000 lm
• Mean lumens ……..……	4,100 lm
• Rated life ……..……..…...	12,000 hours
• Available colors …..……..…...	3000, 3500, 4100 K
• Color rendering index …….	82
• Starting voltage at -15 °C ….....	< 700 V r.m.s.
• Starting temperature range …..	-20…+70 °C
• Optimum temperature range ….. to reach 90% of rated light	-5…+50 °C
• Warm-up time to reach 80% of .. steady-state lumens	< 120 s
• Maximum overall length ……..	203 mm
• Cap diameter ……..……..	58 mm
• Base type …..……	GX24-q6 (under standardization)

© General Electric Company 2001



"CM"

Midget Strips

Application

- Cove Lighting
- Store Fixture
- Signage
- Display
- Vending Machines

CM1-4 (9")
CM1-6 (12")
CM1-8 (15")
CM1-15 (21")
CM2-15 (42")

Finishes Available

- White

Diffuser

- None

Optional Features

- Mounting tabs
- Push-on Sockets
- Starter under lamp
- Side lamps for T-5
- Micro Inter Connect ready when ends ordered with 5/8" DD K.O.s

Custom modifications in the physical specification and color are available for this fixture.

Lamping Options		
	T8	**T5**
	(1) 15W (2) 15W (T)	(1) 4W (1) 6W (1) 8W

* available as special order T=Tandem
Other lamp configurations possble. Check with factory.

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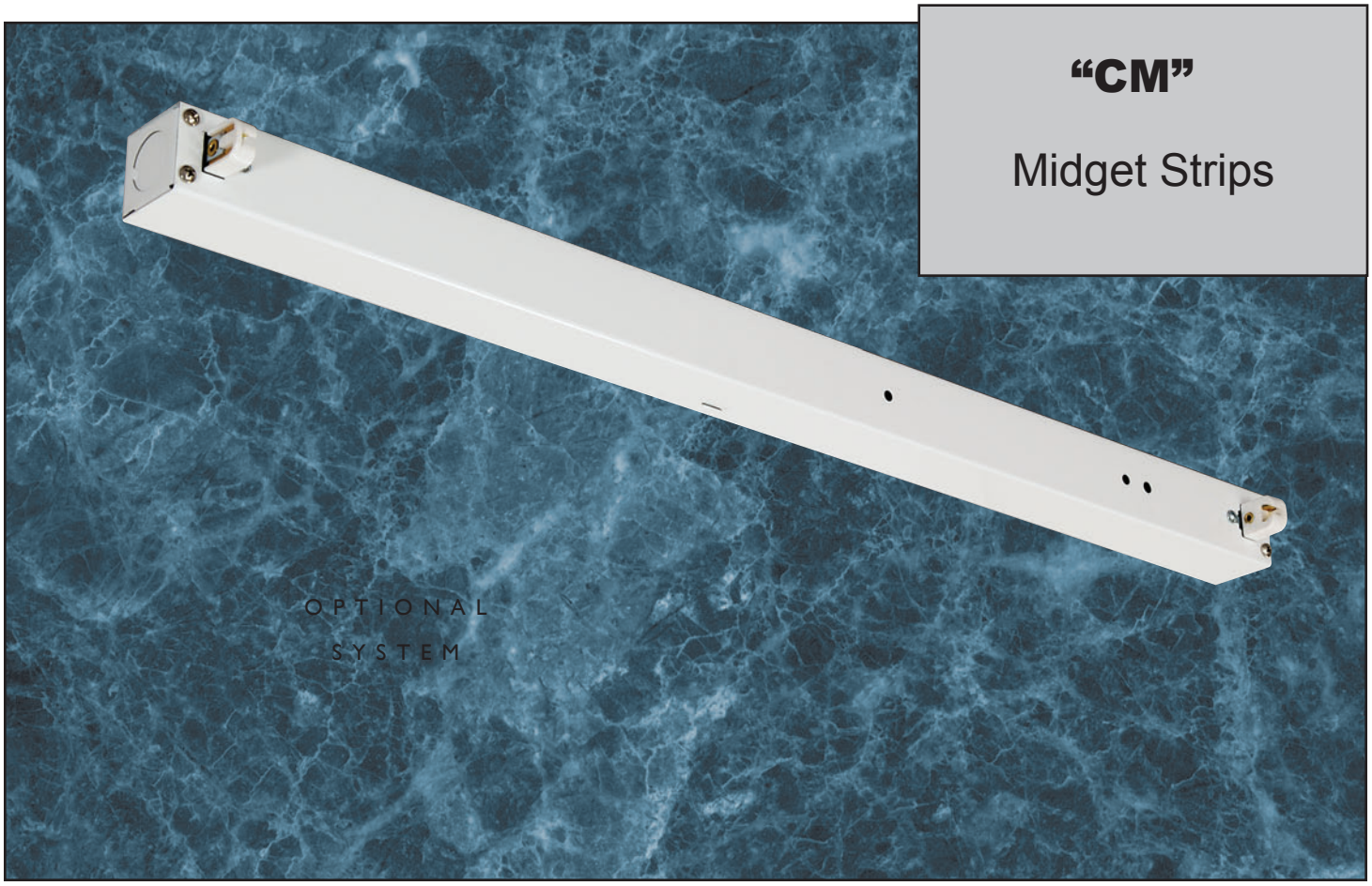

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Application

- Cove Lighting
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CM1-4 (9")
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CM1-8 (15")
CM1-15 (21")
CM2-15 (42")

Finishes Available

- White

Diffuser

- None

Optional Features

- Mounting tabs
- Push-on Sockets
- Starter under lamp
- Side lamps for T-5
- Micro Inter Connect ready when ends ordered with 5/8" DD K.O.s

Custom modifications in the physical specification and color are available for this fixture.

Lamping Options		
	T8	**T5**
	(1) 15W (2) 15W (T)	(1) 4W (1) 6W (1) 8W

* available as special order T=Tandem
Other lamp configurations possble. Check with factory.

EDSUN LIGHTING FIXTURE Mfg

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"CN" T8 1-Light Low-Profile Strip

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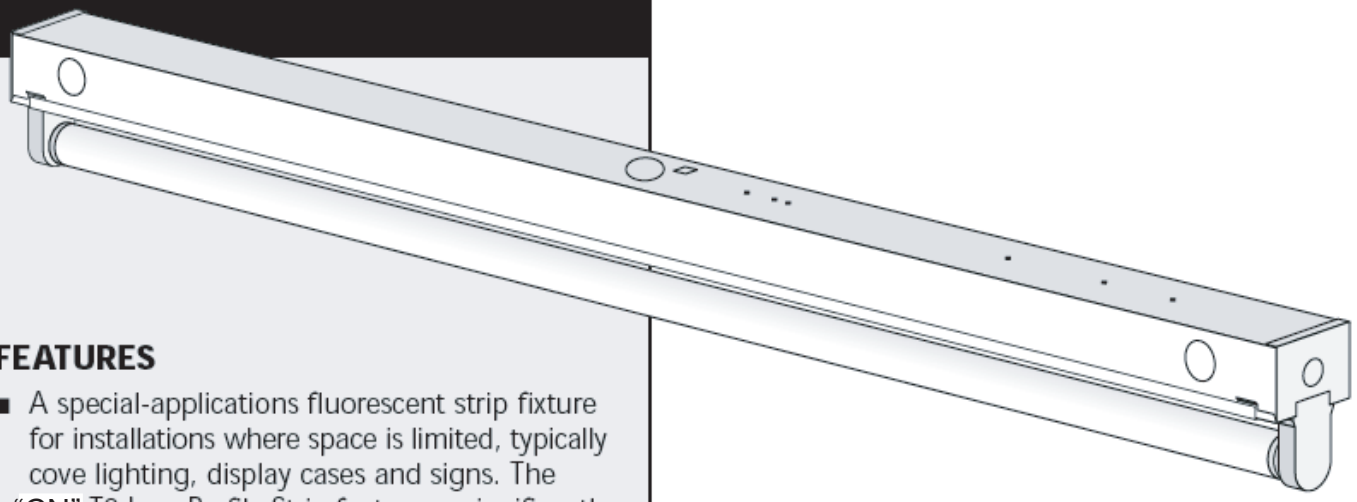
Ph.: (305)888-8849 • Fax: (305)883-0005
email: sales@edsunlighting.com
www.edsunlighting.com

"CN"
Narrow chanels



FEATURES

- A special-applications fluorescent strip fixture for installations where space is limited, typically cove lighting, display cases and signs. The "CN" T8 Low Profile Strip features a significantly lower *and* narrower profile than conventional 1-light T8 strips.
- Uses the latest T8 ballasts and lamps.
- Range of fixture lengths provides application flexibility.
- Designed for ceiling mount, wall mount or chain hanging.
- Knockouts provided for convenience outlet and pull-switch.

SPECIFICATIONS

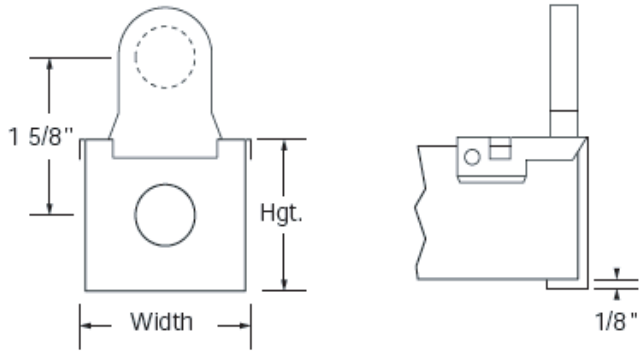
Construction: Die-formed heavy gauge cold-rolled steel. All close-tolerance snap-fit construction. Numerous KOs for ease of installation and configuration. End plates available with Double D or 7/8" KOs for continuous mounting.

Channel/Wireway Cover: Secures with two (2) #8 x 5/16 sheet metal screws.

Mounting: Fixtures designed with 1/8" standoffs (see side view drawing) for surface mounting as individual units or in continuous rows.

Finish: Phosphate-coated baked-white enamel with high reflectivity.

Ballasts: Housing has hole patterns to accept ballasts of the following lengths: 5 7/16", 5 15/16", 6 7/16", 8 7/16", 9 13/16" and 14". Custom patterns available by special order.



End View	Width	Hgt.	Side View
Body Only:	1 5/8"	1 3/8"	
W/End and Cover:	1 13/16"	1 9/16"	

ORDERING INFORMATION

Catalog No.	Lamp Config.	Length
CN17 —	1	24"
CN25 —	1	36"
CN32 —	1	48"
CN40 —	1	60"

NOTES

Dimensions subject to change without notice.

EDSUN LIGHTING FIXTURE Mfg

"CR"
Chrome Reflectors
"TG"
Tube guards

"Add 30-40% more lumen output"
With chrome reflectors...

1 Light chanels

C140CR
C132CR
C154HOCR
C196CR
C196T8CR

Tandem (8')
C2140CR
C2132CR
C2154HOCR

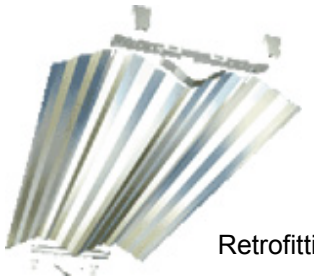
2 Light chanels

C240CR
C232CR
C254HO

C296CR
C296T8CR

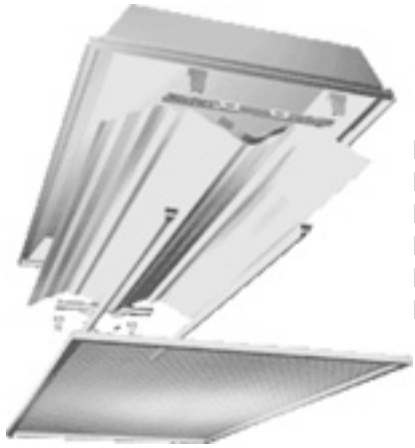
Tandem (8')
C2240CR
C2232CR
C2254HOCR

New at EDSUN LIGHTING
"MaxiIndustrials"
C2254HOCR (4)F54T5HO and
C2354HOCR (6)F54T5HO with
Chrome reflectors. Ask us.



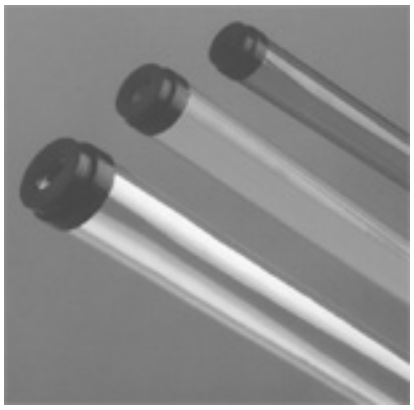
Retrofitting Chrome reflectors

Layins



2x2
LY22-220LW-CR
LY22-217LW-CR
LY22-320LW-CR
LY22-317LW-CR

2x4
LY24-240LW-CR
LY24-232LW-CR
LY24-254HOLW-CR
LY24-340LW-CR
LY24-332LW-CR
LY24-354HOLW-CR



Tube Guards

- T8 and T12
- 4' and 8'
- Clear
- Colors
  - Amber
  - Blue
  - Green
  - Pink
  - Red
  - Yellow

Tube end caps
- T5 in clear 4'

Specify voltage other than 120V. T8's 120V, 277V or UNV (120-277V), T5 UNV(120-277V)
Other T5 combinations wattages available, please call our sales department.

EDSUN LIGHTING FIXTURE MANUFACTURING 569 W. 17 St., Hialeah, FL 33010-2412
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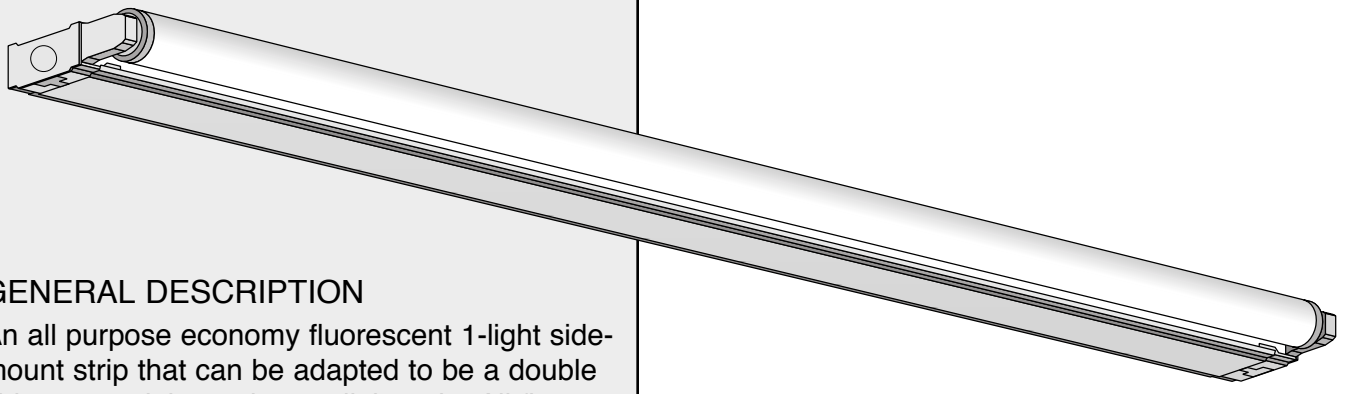
"CS" Sidemount Strip

EDSUN LIGHTING FIXTURE Mfg
Fluorescent & HID
Commited to Quality !



GENERAL DESCRIPTION

An all purpose economy fluorescent 1-light side-mount strip that can be adapted to be a double sidemount, right angle or 3-light strip. All fixture parts snap together for ease of installation and maintenance. U.L. listed.

SPECIFICATIONS

Housing: Die-formed 21-gauge cold rolled steel. Fixture can be converted to double sidemount by removing socket tabs. Accepts slide-on or screw-on sockets. Side knockouts included for a convenience outlet, pull switch and conduit.

Cover: Snap-on type to simplify installation. Two covers are used for tandem.

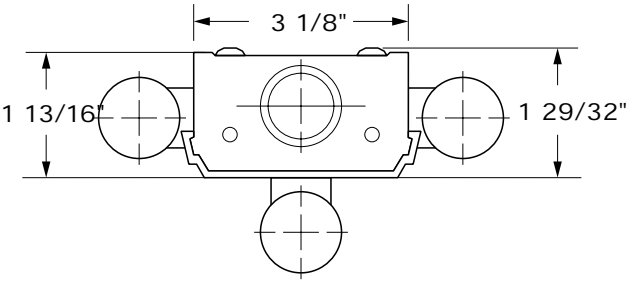
Ends and Socket Plates: Snap in for ease of assembly. Knockout tab for screw-on socket can be removed to make a right angle fixture.

Coupler: Used to join bodies together and as a center socket plate on tandem fixtures.

Finish: Phosphate coated, baked white enamel with 85% reflectivity.

Mounting: Units are designed for surface, chain and stem hanging. Can be installed as individual units or in continuous rows.

Available with Electronic ballasts
CS1or217 (24") single or double sidemount
CS1or225 (36") single or double sidemount
CS1or232 (48") single or double sidemount
120V, 277V, UNV(120-277V,50/60hz)



End View: "CS" Sidemount Series

ORDERING INFORMATION

Catalog No.	Lamps	Length
CS1or214	1	15"
CS1or215	1 or 2	18"
CS1or220	1, 2 or 3	24"
CS1or230	1, 2 or 3	36"
CS1or240	1, 2 or 3	48"

NOTES
AVAILABLE WITH ELECTRONIC BALLASTS

Dimensions subject to change without notice.

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2-Light Staggered Strip Series

EDSUN LIGHTING FIXTURE Mfg

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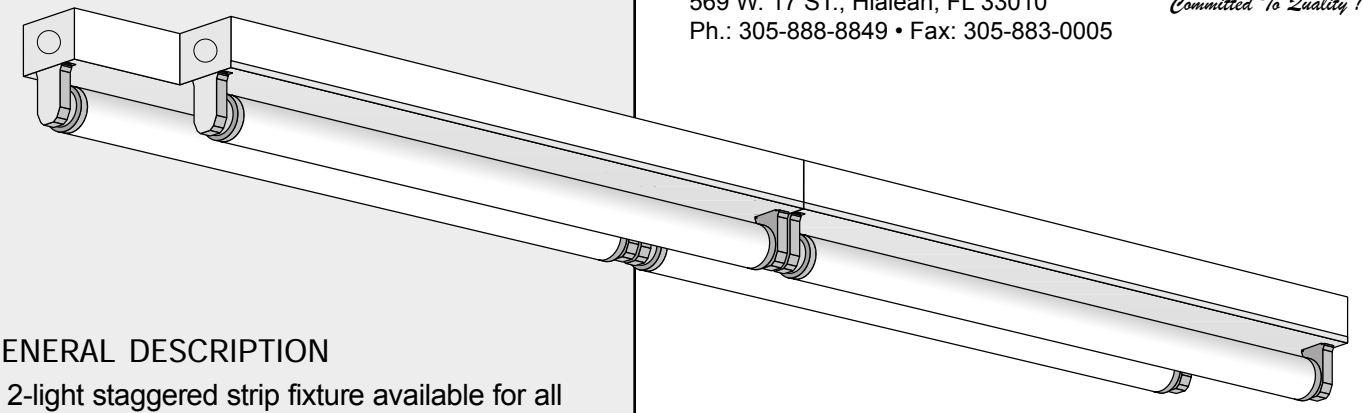
Committed To Quality !



GENERAL DESCRIPTION

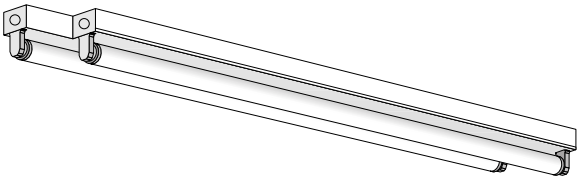
A 2-light staggered strip fixture available for all standard fluorescent lamp wattages. The fixture provides even, shadow-free illumination and can be fitted with a reflector for wall-washer or cove-lighting effects.

SPECIFICATIONS

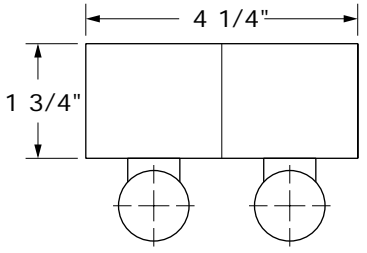
Housing: Die-formed 21-gauge steel, spot welded for maximum strength. Wiring components are mounted in the one-piece back housing, allowing the removal of the cover for maintenance. Cover attaches to body with #8-32 wing nuts.

Finish: All metal parts are cleaned and treated with a four stage phosphate coating, then electrostatically sprayed with a high quality baked white enamel, providing minimum 87% reflectivity.

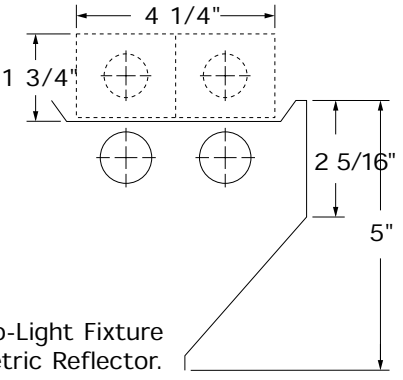
Mounting: Surface or pendant mount, individually or in continuous rows. Sufficient knockouts are provided.



Two-LIght Staggered Strip



End View: 2-Light Staggered Strip



End View: Two-Light Fixture With Asymmetric Reflector.

ORDERING INFORMATION

Catalog No.	Lamps	Length
CSTG225 CSTG-230	2	38 15/16"
CSTG232 CSTG-240	2	50 15/16"

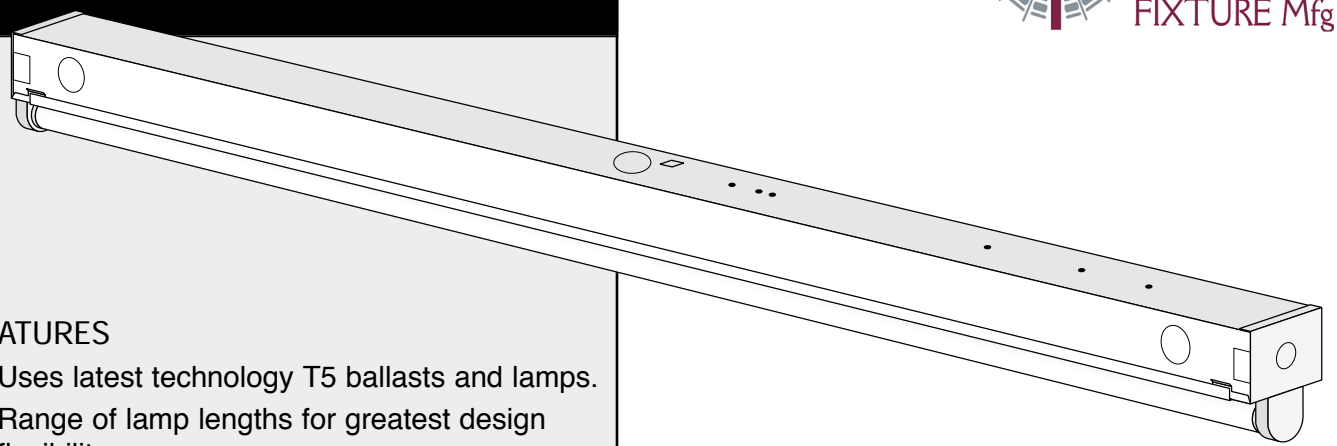
NOTES Available in different voltages

Dimensions subject to change without notice.

"CT5" Low-Profile Knockdown Strip

Edsun Lighting Fixture Mnfg.
569 W 17 St
Hialeah, FL 33010

Commited to Quality !



FEATURES

- Uses latest technology T5 ballasts and lamps.
- Range of lamp lengths for greatest design flexibility.
- Ideal for most fluorescent lighting applications, including general illumination, cove lighting and display cases.
- Designed for ceiling mount, wall mount or chain hanging.
- Uses efficient T5 lamps or H.O. lamps for up to 70% more light output.
- Versatile CT5 and CST5 models allow 1-, 2- and 3-lamp configurations.
- Knockouts provided for convenience outlet and pull-switch.

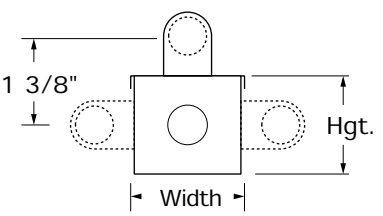
SPECIFICATIONS

Construction: Die-formed 21-gauge cold rolled steel. All close-tolerance snap-fit construction. Numerous KOs for ease of installation and configuration. End plates available with 7/8" KOs for continuous mounting.

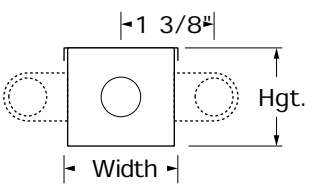
Channel/Wireway Cover:
#8 x 5/16 sheet metal screws. Secures with two (2)

Mounting: Fixtures designed with 1/8" standoffs (see side view drawing) for surface mounting as individual units or in continuous rows.

Finish:
Highly reflective baked white enamel.
Four-stage phosphate pre-wash ensures maximum bonding, durability and rust prevention.

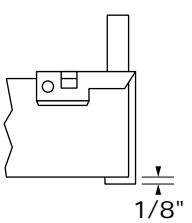


CT5 Lamp Configurations



CST Lamp Configuration

	Width	Hgt.
Body Only:	1 5/8"	1 3/8"
W/End & Cover:	1 13/16"	1 9/16"



Side View

ORDERING INFORMATION

Model#	Lamp Config.	Length
CT5-14or24HO	1, 2 or 3	22"
CT5-21or39HO	1, 2 or3	34"
CT5-28or54HO	1, 2 or 3	46"
CT5-35or80HO	1, 2 or 3	58"
CST51or2-14or24HO	1 or2	22"
CST51or2-21or39HO	1 or2	34"
CST51or2-28or54HO	1 or2	46"
CST51or2-35or80HO	1 or	58"

7/8" KO, on end cap

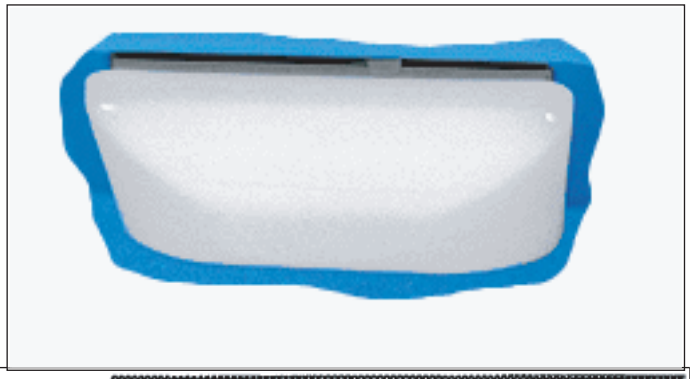
NOTES

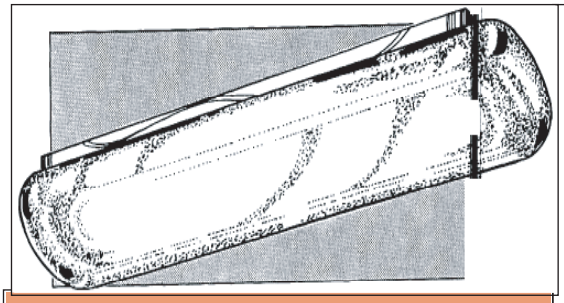
Optional micro-perforated reflectors available in a range of styles for contemporary soft-lighting effects.

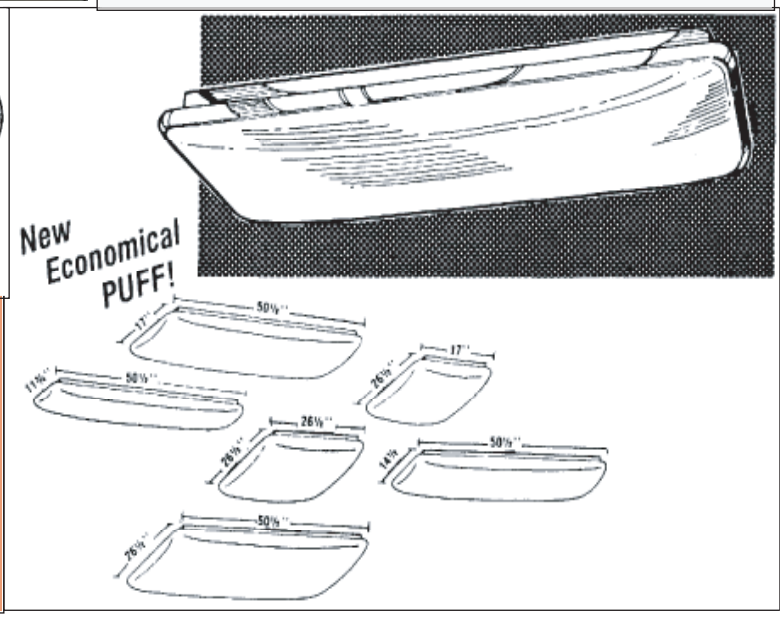
Dimensions subject to change without notice.

EDSUN LIGHTING FIXTURE Mfg

"EC" Clouds







STOCK NO.	LAMP	SIZE	Replacement Lenses available
EC22**	FC8T9	11"X11"X3"	
EC32**	FC12T9	14"X14"X3"	
EC54	FC8T9&FC12T9	14"X14"X3"	
EC40**	FC16T9	19"X19"X3"	
EC72	FC12T9&FC16T9	19"X19"X3"	
EC22U40*	2)FB40-U6	26"X26"X5"	
EC22417	4)F17T8	26"X26"X5"	* AVAILABLE W/Electronic ballast

**Available W/PL lamps

RECTANGULAR SHAPE

STOCK NO.	LAMP	SIZE	
EC14240*	F34 OR 40W	12"X52"X5"	
EC14240RES	F34 OR 40W	12"X52"X5"	Residential Ballast
EC15220*	2)F20	17"X28"X5"	
EC15420*	4)F20	17"X28"X5"	
EC15440*	4)F34 OR F40	17"X52"X5"	
EC24440*	4)F34 OR F30	26"X51"X5"	* AVAILABLE W/Electronic ballast

"CLOUD BRACKETS"

STOCK NO.	LAMP	SIZE	
EC117* OR EC217*	1) OR 2)F20	6"X27"	
EC130*OR EC230*	1) OR 2)F30	6"X39"	* AVAILABLE W/Electronic ballast
EC140*OR EC240*	1) OR 2)F40	6"X51"	**ALWAYS SPECIFY VOLTAGE**

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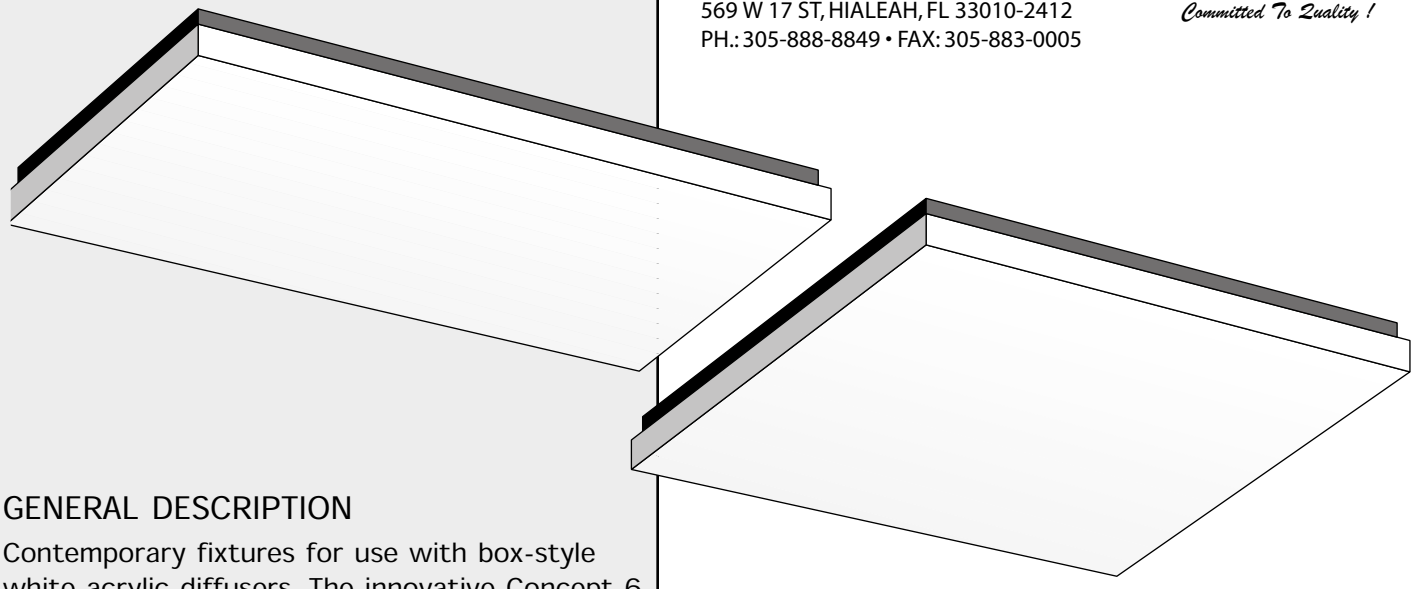
Ph.: 305-888-8849 • Fax: 305-883-0005 • www.edsunlighting.com • email: edsunlighting@sprynet.com

"EC6"
Concept 6 Series

EDSUN LIGHTING FIXTURE Mfg

569 W 17 ST, HIALEAH, FL 33010-2412
PH.: 305-888-8849 • FAX: 305-883-0005

Committed To Quality !



GENERAL DESCRIPTION

Contemporary fixtures for use with box-style white acrylic diffusers. The innovative Concept 6 housing design provides a shallow, fully luminous light source and can be ordered with either a white or black finish.

SPECIFICATIONS

Housing: Die-formed 21-gauge cold rolled steel, spot welded for rigidity and durability.

Finish: Baked white enamel inside for high reflectance. Minimum 87% reflectivity. Exposed body available in white or flat black.

Diffuser (not included) One-piece diffuser hinges from either side for easy relamping.

Mounting: Surface mount.

ORDERING INFORMATION

Catalog No.	Lamps	Length
EC6-1X4-2	2	48"
EC6-2X2-2U	2 - 6" U	24"
EC6-2X2-4	4	24"
EC6-2X4-2	2	48"
EC6-2X4-4	4	48"

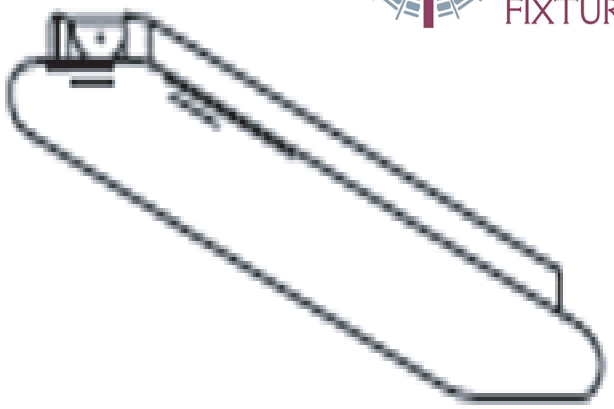
NOTES

Specify black or white finish when ordering.

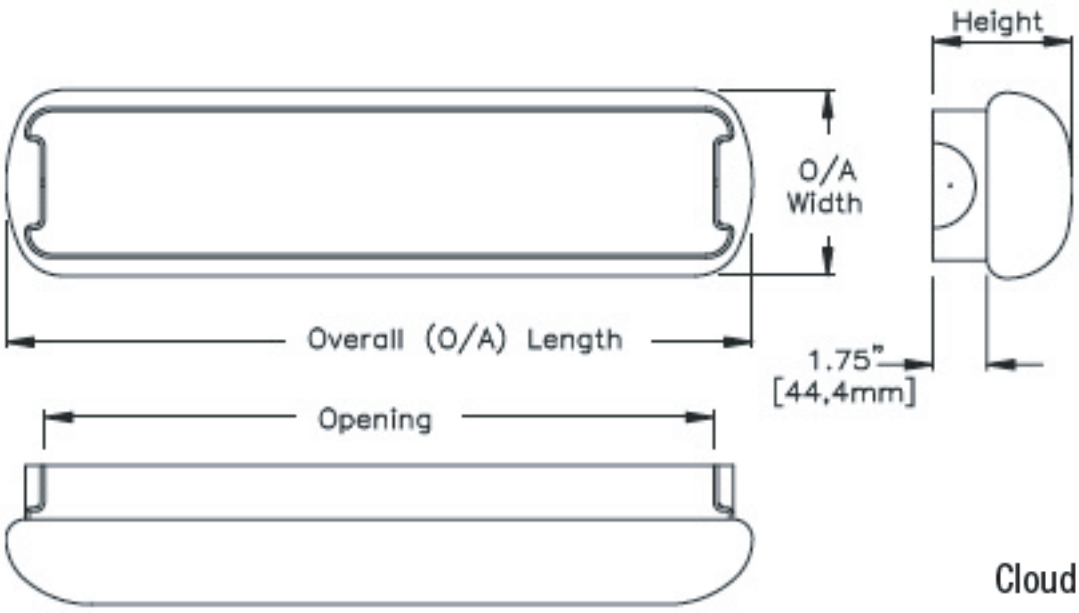
Dimensions subject to change without notice.

AVAILABLE WITH ELECTRONIC BALLASTS AND DIFFERENT VOLTAGES.

"EC"
Cloud Bracket



To be used with a 1 or2 lamp chanel (strip) fixtures. Slides over snd completely envelopes the metal to beautify and enhance the finish. Wall or ceiling mount applications. Available in 2', 3' or 4' lengths, T12, T8 or T5 technologies



Cloud Bracket

Cloud Bracket

Size	O/A Size	Opening	Height
6" x 24"	6" x 26-3/4"	4-5/8" x 24-1/4"	4-1/2"
6" x 36"	6" x 38-3/4"	4-5/8" x 36-1/4"	4-1/2"
6" x 48"	6" x 50-3/4"	4-5/8" x 48-1/4"	4-1/2"

	T12	T8	T5	
one lamp	EC120	EC117	EC114or124HO	24"
	EC130	EC125	EC121or139HO	36"
	EC140	EC132	EC128or154HO	48"
two lamp	EC220	EC217	EC214or224HO	24"
	EC230	EC225	EC221or239HO	36"
	EC240	EC232	EC228or254HO	48"

T12 & T8 specify voltages other than 120V • T5 "UNV" ballast (120-277V)

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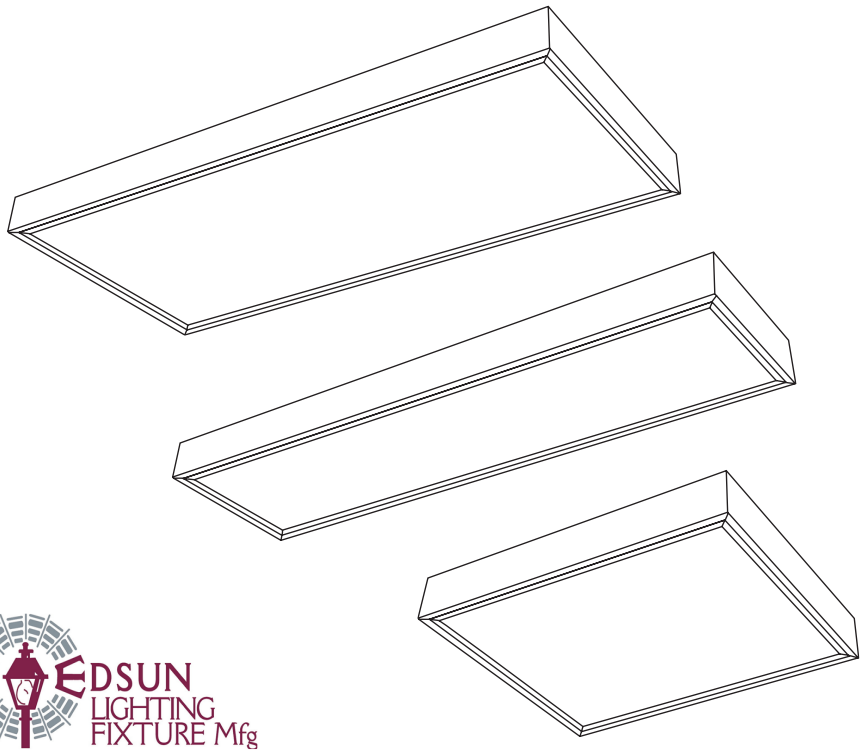
www.edsunlighting.com

"ESL"

Low Profile Surface Box **ESL**

1' x 4', 2' x 2', 2' x 4'



Housing: Die-formed heavy gauge steel with durable high gloss powder coat post paint finish (90% reflectance) over rust inhibiting phosphate coat. Flush white steel door, with mitered corners, can be hinged from either side. Knockouts provided.

Shielding: Pattern #12 acrylic prismatic lens or optional white acrylic lens.

Electrical: Fully wired for 120V, 60Hz AC operation, thermally protected, automatic resetting, Class P, sound rated A, high-power factor ballast, unless otherwise specified. Electronic T8 shall be instant start, <20% harmonic distortion standard, specify suffix UNV for <10% harmonic distortion. Specify suffix UNV for universal voltage, 120 through 277V, 50/60Hz AC operation, Electronic T8 only. UL and C-UL listed, damp location. Also available in T5 fluorescents UNV ballast.

Mounting: Surface or stem mount individually or in continuous row. Use four stems per 2x2 or 2x4, two for 1x4 unit.

EDSUN LIGHTING FIXTURE Mfg

FEATURES AND BENEFITS

Low profile	•	Unassuming light source; optimizes T8 lamp/ballast technology
Swing action cam latches	•	Easy access with no tools needed
Post-painted metal parts	•	Durable, uniform finish; controlled reflectivity eliminates hot spots
Surface or pendant mount	•	Flexible mounting options
Fully assembled	•	Ready to install

ORDERING INFORMATION

Example: ESL24-432-L-UNV

ESL 24 432L UNV

SERIES
S - Surface Mounted

SIZE
14 - 1 x 4
22 - 2 x 2
24 - 2 x 4

LAMPS
232 - (2) 32W 48" T8
232U - (2) 32W U6" T8
417 - (4) 17W 24" T8
332 - (3) 32W 48" T8
432 - (4) 32W 48" T8

WEIGHT
23 lb.
27 lb.
31 lb.
31lb.

VOLTAGE
120V
277V
UNV - 120-277V

OPTION
SEC - Silver Eggcrate
WEC - White eggcrate
CR-Chrome Reflactor

Ask about T5 part numbers

CALL 305.888.8849 • FAX 305-883-0005• WWW.edsunlighting.COM • edsunlighting@sprynet.com.

"ESL" Low Profile Surface Box 1' x 4', 2' x 2', 2' x 4'

PHOTOMETRIC DATA, ESL 4-32W 2 x 4 Model

CANDLEPOWER

Angle	0	45	90
0	3233	3233	3233
5	3213	3221	3225
15	3105	3134	3176
25	2896	2953	3047
35	2537	2631	2799
45	2012	2133	2334
55	1355	1428	1593
65	796	756	814
75	406	387	359
85	150	154	177
90	5	12	20

LIGHT GUIDE (T8 LAMPS AND ELECTRONIC BALLAST)

Footcandles	Area/fixture in sq.ft./lg. room, good conditions - 8' to 10' ceilings		
	2x2 2-"U" 6"	1x4 2-32W	2x4 4-32W
35	91	81	193
50	64	57	135
75	42	38	90
100	32	28	67

AVERAGE LUMINANCE CD/SQ.M

Angle	0	45	90
45	5036	5036	5036
55	3680	4326	4807
65	2934	3000	3450
75	2443	2160	2877
85	2681	3163	3699

LIGHT DISTRIBUTION

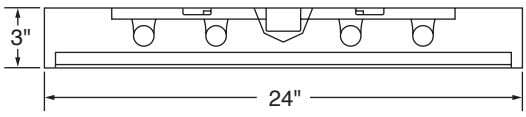
Zone	Lumens	%Lamp	%Fixture
0-30	2609	22.9	29.0
0-40	4348	38.1	48.3
0-60	7535	66.1	83.7
0-90	9004	79.0	100.0

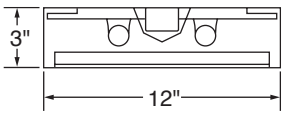
COEFFICIENT OF UTILIZATION

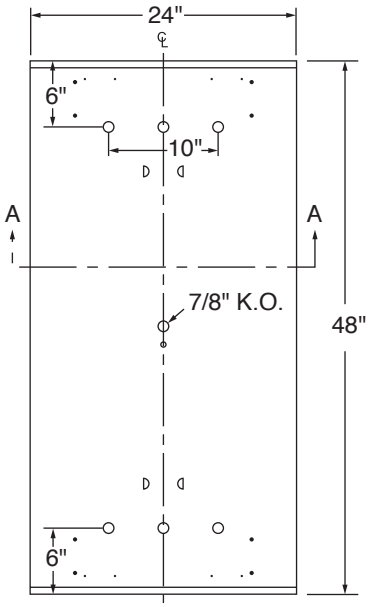
RC	80			70			50	
RW	70	50	30	70	50	30	50	30
RCR								
1	87	83	80	85	82	79	78	76
2	80	74	69	78	73	68	70	66
3	74	66	60	72	65	60	63	58
4	68	59	53	66	58	52	56	51
5	62	52	46	60	52	45	50	44
6	57	47	40	56	46	40	45	39
7	53	42	36	51	42	35	41	35
8	48	3	31	47	37	31	36	31
9	45	34	27	43	33	27	33	27
10	41	31	24	40	30	24	30	24

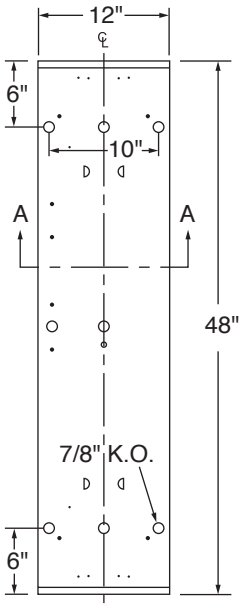
Lamps = (4) F32T8 @ 2850 lumens ea. LER: 69.5 Input watts = 104.5 Ballast Factor: 80.6% Ballast – Electronic 120V S/MH: 0° = 1.3; 90° = 1.4
Comparative yearly lighting energy cost per 1000 lumens = $ 3.45 based on 3000 hours and $.08 per KWH

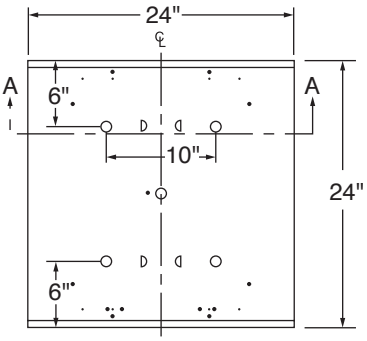
DRAWINGS AND DIMENSIONS











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Edsun Lighting Fixture Mnfg.

Fluorescent & HID Manufacturer.

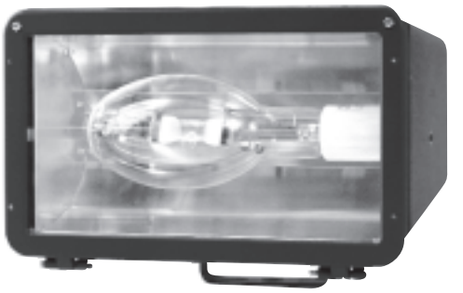
FLOODLIGHT FL Series

EDSUN LIGHTING FIXTURE Mfg

Committed to Quality !

FEATURES

- Uses Standard Size Lamp
- Easy Access Wiring Compartment
- Pre-wired with Cord
- Die Cast Aluminum Housing
- Suitable for Ground Mounting
- Hinged Face Frame
- Lamp Included



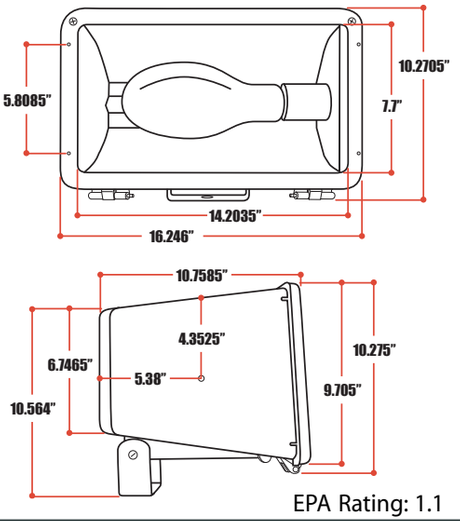
175 to 400 watts MH | HPS |

ORDERING INFORMATION

Catalog #	Description	Volts	Ballast Type	Lamp
METAL HALIDE				
FLMH175MTMOG	175 watt MH	Quad V	CWA	MH175/U
FLMH250MTMOG	250 watt MH	Quad V	CWA	MH250/U
FLMH400MTMOG	400 watt MH	Quad V	CWA	MH400/U
HIGH PRESSURE SODIUM				
FLHPS250MTMOG	250 watt HPS	Quad V	CWA	C250S50
FLHPS400MTMOG	400 watt HPS	Quad V	CWA	C400S51
480V / Available Upon Request				

DIMENSIONS

Approx. Weight: 29 lbs.

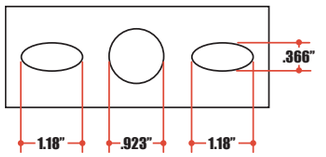


EPA Rating: 1.1

ACCESSORIES (FIELD INSTALLED)

Description	Finish	Std. Pkg.
Glare Shield for FL	Bronze	1
Wireguard for FL		1
Slipfitter for FL	Bronze	1
Large Trunion for FL	Bronze	1
Vandal Proof Shield Assembly for FL	Bronze	1

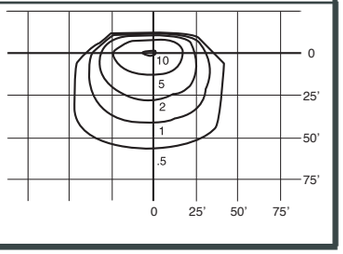
MOUNTING DETAIL



PHOTOMETRICS

400W MH @ 25' Mounting Height and Aimed 45° below horizontal

Isofootcandles



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EDSUN LIGHTING FIXTURE Mfg
Fluorescent & HID Manufacurer
Committed to Quality !

"FMD"™
Medium Floodlight

FEATURES

- Die Cast Aluminum Housing
- 1/2" Threaded Knuckle
- Vertical or Horizontal Lamp
- Suitable for Ground Mounting
- Hinged Face Frame
- Tempered Glass Lens
- Lamp Included

Listed for Wet Locations

70 to 175 watts MH | HPS

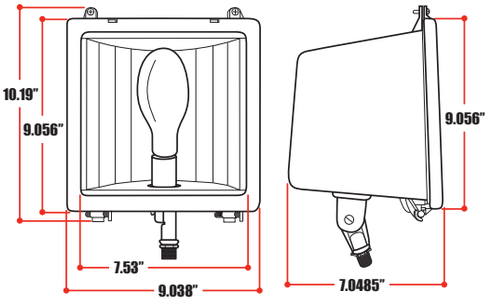
ORDERING INFORMATION

Catalog #	Description	Volts	Ballast Type	Lamp
METAL HALIDE				
FMDMH70MTMED	70 watt MH	Quad V	CWA	MH70/U/M
FMDMH100MTMED	100 watt MH	Quad V	CWA	MH100/U/M
FMDMH175MTMED	175 watt MH	Quad V	CWA	MH175/U/M
HIGH PRESSURE SODIUM				
FMDHPS70MED	70 watt HPS	120 V	CWA	C70S62/M
FMDHPS70MTMED	70 watt HPS	Quad V	CWA	C70S62/M
FMDHPS100MED	100 watt HPS	120 V	CWA	C100S54/M
FMDHPS100MTMED	100 watt HPS	Quad V	CWA	C100S54/M
FMDHPS150MED	150 watt HPS	120 V	CWA	C150S55/M
FMDHPS150MTMED	150 watt HPS	Quad V	CWA	C150S55/M

Call for Mercury Vapor and Compact Fluorescents

DIMENSIONS

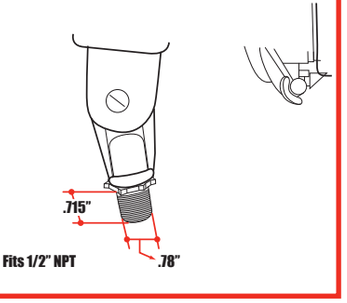
Approx. Weight: 17 lbs.



ACCESSORIES (FIELD INSTALLED)

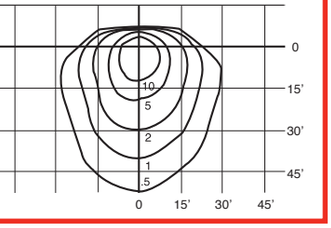
Catalog #	Description	Finish	Std. Pkg.	See Pg.#
	FMD Face Frame Assembly	Bronze	1	
	Glare Shield for FMD	Bronze	1	
	Wireguard for FMD		1	

MOUNTING DETAIL



PHOTOMETRICS

175W MH @ 15' Mounting Height
and Aimed 45° below horizontal
Isofootcandles



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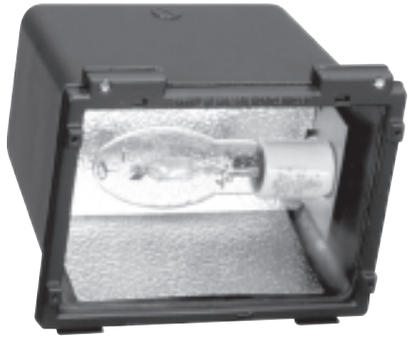
"FS"™

Small Flood

EDSUN LIGHTING FIXTURE Mfg

Fluorescent & HID Manufacturer



Listed for Wet Locations

35 to 150 watts HPS | Fluorescent

FEATURES

- Die Cast Aluminum Housing
- 1/2" Threaded Knuckle
- One Piece Aluminum Reflector
- Suitable for Ground Mounting
- Hinged Face Frame
- Tempered Glass Lens
- Lamp Included

ORDERING INFORMATION

Catalog #	Description	Volts	Ballast Type	Lamp
COMPACT FLUORESCENT				
FSQ13UNV	13 w CF	120-277UN	CF4pin	F13TBX
FSQ26UNV	26 w CF	120-277UNV	CF4pin	F26TBX
FSQ42UNV	42 w CF	120-277UNV	CF4pin	F42TBX
HIGH PRESSURE SODIUM				
FS-35MED	35 watt HPS	120 V	R-NPF	C35S76/M
FS50MED	50 watt HPS	120 V	R-NPF	C50S68/M
FS70MED	70 watt HPS	120 V	R-NPF	C70S62/M
FS100MED	100 watt HPS	120 V	R-NPF	C100S54/M
FS150MED	150 watt HPS	120 V	R-NPF	C150S55/M

Above are sold with lamps.

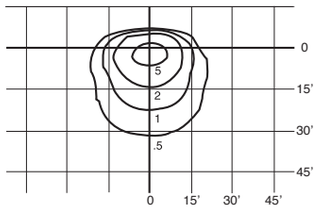
ACCESSORIES (FIELD INSTALLED)

Catalog #	Description	Finish	Std. Pkg.	See Pg.#
	FL Face Frame Assembly	Bronze	1	
	Glare Shield for FL	Bronze	1	
	Wireguard for FL	—	1	

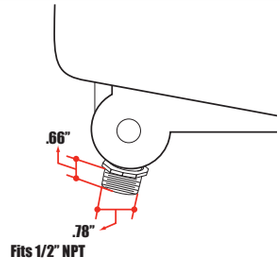
PHOTOMETRICS

100W MH @ 15′ Mounting Height and Aimed 45° below horizontal

Isofootcandles

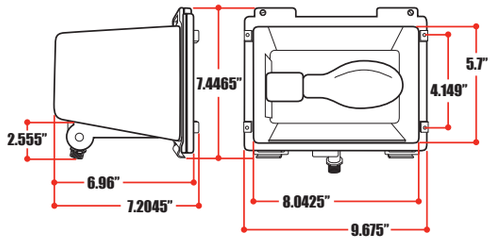


MOUNTING DETAIL



DIMENSIONS

Approx. Weight: 10 lbs.



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FLOODLIGHT

FXL Series

EDSUN LIGHTING FIXTURE Mfg

Fluorescent & HID Manufacturer

Committed to Quality !

1000 watts MH | HPS

FEATURES

- Die Cast Aluminum Housing
- Available slip Fitting for pole mounting
- Suitable for Ground Mounting
- Hinged Face Frame
- Tempered Glass Lens
- Lamp Included

ORDERING INFORMATION

Catalog #	Description	Volts	Ballast Type	Lamp
METAL HALIDE				
FXLMH1000MTMOG	1000 watt MH with Trunion	Quad V	CWA	MH1000/U
FXLMH1000MTMOG-SLIP	1000 watt MH with Slip Fitter	Quad V	CWA	MH1000/U
HIGH PRESSURE SODIUM				
FXLHPS1000MTMOG	1000 watt HPS with Trunion	Quad V	CWA	C1000S52
FXLHPS1000MTMOG-SLIP	1000 watt HPS with Slip Fitter	Quad V	CWA	C1000S52

480V Available Upon Request

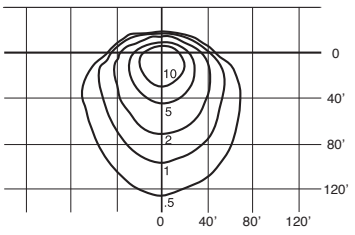
ACCESSORIES (FIELD INSTALLED)

Catalog #	Description	Finish	Std. Pkg.
Trunion for FXL		Bronze	1
Slipfitter for FXL		Bronze	1
FXL23 Face Frame Assembly		Bronze	1
Glare Shield for FXL Series		Bronze	1
Wireguard for FXL Series		—	1
Vandal Proof Shield for FXL Series		Bronze	1

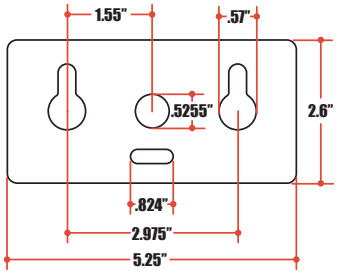
PHOTOMETRICS

1000W MH @ 30' Mounting Height and Aimed 45° below horizontal

Isofootcandles

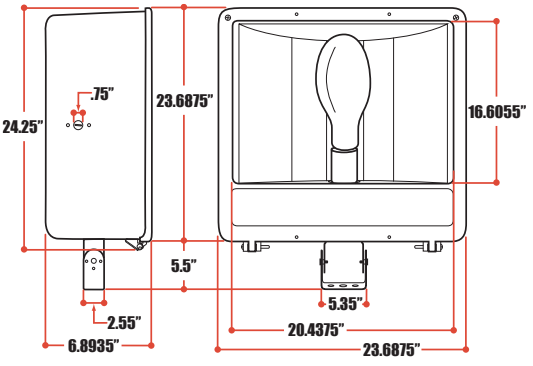


MOUNTING DETAIL



DIMENSIONS

Approx. Weight: 69 lbs.



EPA Rating: 3.68

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Edsun
Lighting Fixture Mnfg.

FLOODLIGHT™

FxL Series

EDSUN LIGHTING FIXTURE Mfg

175 to 400 watts MH | HPS | PS

FEATURES

- Die Cast Aluminum Housing
- Suitable for Ground Mounting
- Hinged Face Frame
- Tempered Glass Lens
- Lamp Included

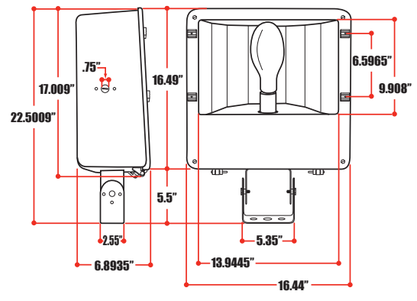
ORDERING INFORMATION

Catalog #	Description	Volts	Ballast Type	Lamp
METAL HALIDE				
FXLMH175MTMOG	175 watt MH	Quad V	CWA	MH175/U
FXLMH250MTMOG	250 watt MH	Quad V	CWA	MH250/U
FXLMH400MTMOG	400 watt MH	Quad V	CWA	MH400/U
HIGH PRESSURE SODIUM				
FXLHPS250MTMOG	250 watt HPS	Quad V	CWA	C250S50
FXLHPS400MTMOG	400 watt HPS	Quad V	CWA	C400S51

480V Available Upon Request | For Slipfitter Add Suffix “SLIP” |

DIMENSIONS

Approx. Weight: 35 lbs.

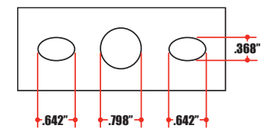


EPA Rating: 1.9

ACCESSORIES (FIELD INSTALLED)

#	Description	Finish	Std. Pkg.
	Glare Shield for FLL	Bronze	1
	Wireguard for FLL		1
	Baffle for FLL	Bronze	1
	Slipfitter for FLL with Cord	Bronze	1
	FXL Vandal Proof Assembly	Bronze	1

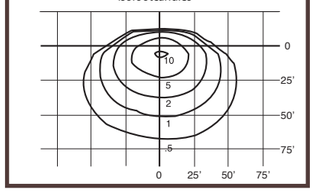
MOUNTING DETAIL



PHOTOMETRICS

400W MH @ 25’ Mounting Height and Aimed 45° below horizontal

Isofootcandles



Customer Service: 1-305-888-8849

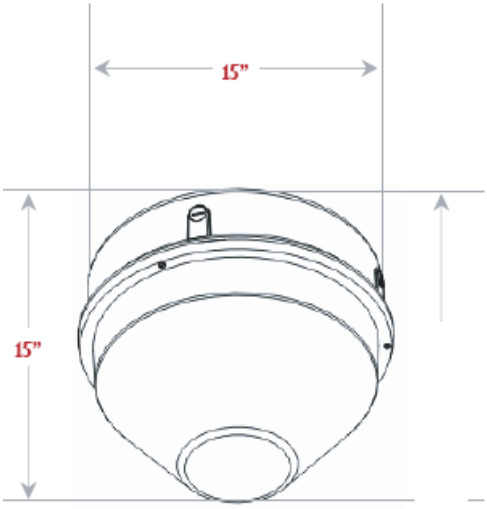
EDSUN LIGHTING FIXTURE Mfg

"GL"

Garage Lighter

15" High x 15" Wide
Conical lens is 11" high
bronze body is 4" thick.

MH50, 70, 100, 175 or
HPS50, 70, 100, 150W
Multitap ballast includes
major brand lamp.



CONSTRUCTION

- *Die Cast Back Housing with Built-In Template for Mounting to an Electrical Box*
- *Chromate Conversion Coating*
- *Textured Bronze Finish*
- *Coin Plugs on Side and Back*
- *Extended Vandal Resistant Polycarbonate Lens*
- *Stainless Steel Screws, Gasket, Reflector, Pulse Start Medium Base Socket & Bracket*
- *Vertical lamp Mount*

APPLICATION

- *Ideal for Security and Perimeter Lighting*
- *For Warehouse, Schools, and Loading Docks*
- *Commercial, Industrial, and Institutional Lighting*

MH Part Number	HPS Part Number
GLMH50MTMED	GLHPS50MTMED
GLMH70MTMED	GLHPS70MTMED
GLMH100MTMED	GLHPS100MTMED
GLMH175MTMED	GLHPS150MTMED

major brand lamps included in all "GL" fixtures

EDSUN Lighting Fixture Mnfg. 569 W. 17 St., Hialeah, FL 33010-2412 Ph.:(305) 888-8849 • Fax: (305) 883-0005 • email:sales@edsunlighting.com • www.edsunlighting.com

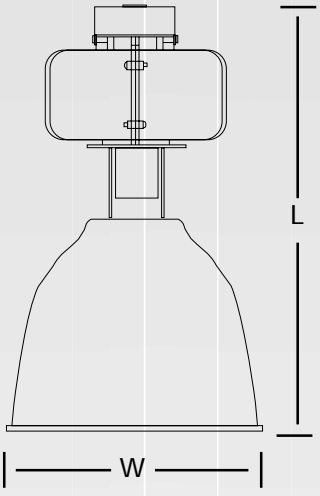
HB Series – 16" & 22" High Bay

Edsun Lighting Fixture Mnfg., Hialeah, FL 33010

40° C, 55° C Ambient Rated

Dimensions	Fixture Length MIN.	Fixture Length MAX.	Fixture Width	Approx. Ship Wt. LBS
HB Series	20.1"	23.1"	16"	25 LBS
HB Series	22.1"	25.1"	22"	37 LBS

Spacing Criteria: .7 – 1.7



The heavy-duty HB Series fixture is designed for commercial and industrial applications. Its high efficiency reflector delivers consistent high light levels with low glare and little reflector maintenance.

Reflector

The 16" & 22" aluminum reflector produces a smooth, even beam pattern with an 80% efficiency rating. The 16" & 22" can be totally enclosed.

Ballast

The heavy duty die cast aluminum ballast housing has heat dissipating fins to extend ballast life rated at 65°C ambient (see table). A multi-tap high power factor constant wattage autotransformer ballast is standard (480V is single tap).

Lamps

The HB is available with MH & HPS (70-1000W) lamps and mogul socket.

Mountings

Two mountings are available: direct Hard Wire or Hook, Cord & Plug (HCP). The slide box has an adjustable hook assembly for balancing the fixture. Also, the easy access wiring chamber provides additional room for wiring make-up.

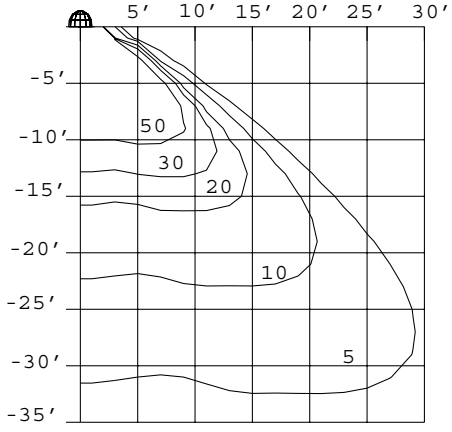
Warranty

The HB Series sold by Edsun Lighting, unless otherwise specified, will be warranted to be free of defects in materials and workmanship under normal use and service for a period of two (2) years from date of shipment, 175W-1000W. Lower wattages will be warranted for (2) years. If found to be defective by us, we will replace the non-performing parts or goods.

16" Reflector Spun Aluminum

Cat #: HBMH400MTMOG
Lamp: 400W Clear MH
Lumens: 38,000
Socket Position: 4

Spacing Criteria: 2.5



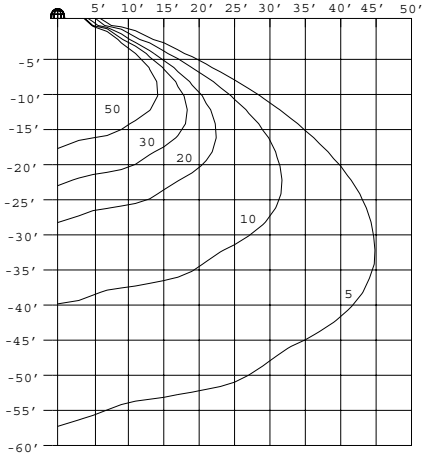
HB Series Ambient Temperature Ratings

Fixture Wattage	Open 55 °C	Open 65°C	Enclosed 55°C	Enclosed 65°C
175W	yes	yes	yes	yes
250W	yes	yes	yes	yes
400W	yes	yes	yes	yes
1000W	yes	yes	yes	yes

22" Reflector Spun Aluminum

Cat #: HBMH1000MTMOG
Lamp: 1000W Clear MH
Lumens: 110,000
Socket Position: 3

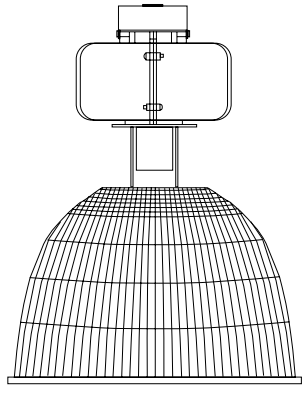
Spacing Criteria: 1.9



Available w-Quartz Restrike

- HPS or Open Rated MH

Available Hook & cord



Available 16" Prismatic lens

EDSUN LIGHTING FIXTURE Mfg

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569 W 17 St., Hialeah, FL 33010-2412

TECHNICAL HOTLINE 1-305-888-8849

Edsun Lighting Fixture
569 West 17 St.
Hialeah, FL 33010
Ph.: 305 888-8849
Fax: 305 883-0005

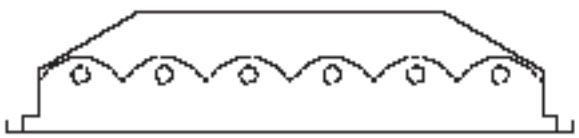
Energy Efficient Commercial Lighting Products

FLUORESCENT HI-BAY

Fixture Specification
Model #: F6HBT8
HO T8 - 6 Lamp High Bay fixture

Corrosion resistant
High efficiency Miro4 reflector
Holes for Gripple, chain,
box or pendant mounting
Easy Bottom Ballast access using ¼ Turn
Cam locks
Easy Top wiring through Top access plate
Lightweight Aluminum Body and reflector

Also available with 6) F54T5HO lamps
Model: F6HBT5
Includes: 6)F54T5HO-841, 6'whip



Lamps:	6 – T8 32W lamps High Output Ballast
Voltage:	120/277V
Dimensions:	Width: 20-3/4"; Height: 4-3/8"; Length: 48"
Finish:	White Powder Coated Aluminum and Steel
Weight:	11 lbs

Photometric Information (IES data files available)

Candela Distribution:

	0.00	22.50	45.00	67.50	90.00
0.00	7451	7451	7451	7451	7451
5.00	7486	7537	7470	7309	7381
10.00	7459	7294	6984	6825	6617
15.00	7200	7052	6544	6176	6087
20.00	7085	6638	5938	5585	5474
25.00	6711	6191	5411	4817	4599
30.00	6361	5661	4713	4143	4060
35.00	5905	5096	4050	3776	3693
40.00	5444	4486	3574	3325	3225
45.00	4911	3831	3114	2846	2780
50.00	4322	3239	2658	2541	2584
55.00	3701	2695	2254	2360	2450
60.00	3028	2121	1981	2265	2366
65.00	2371	1657	1794	2111	2227
70.00	1735	1281	1638	2018	2142
75.00	1159	995	1445	1622	1594
80.00	663	730	946	953	951
85.00	277	351	346	327	326
90.00	43.7	42.7	36.6	37.8	43.6

Zonal Lumens

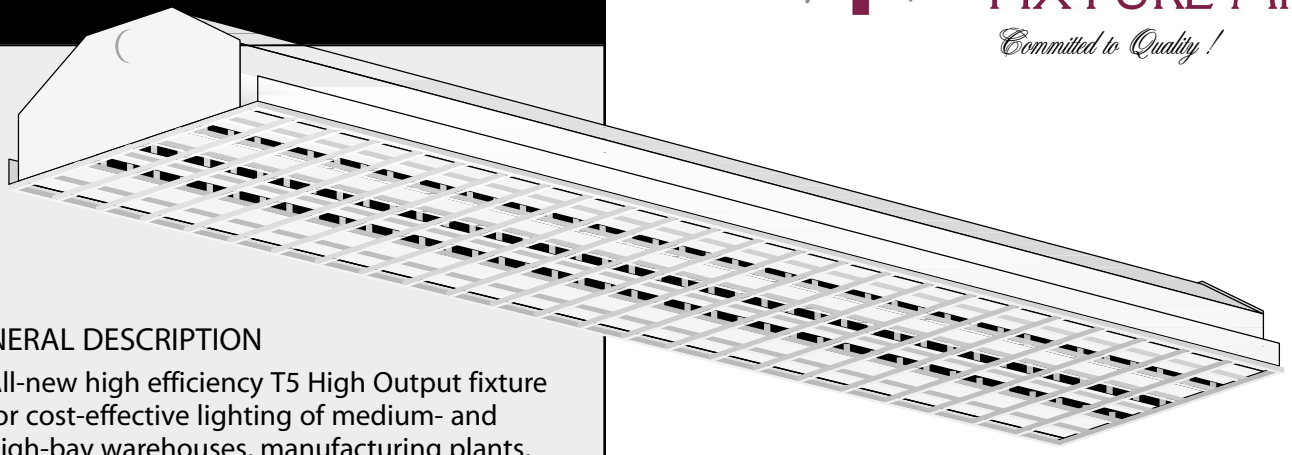
Cone	Between	Lumens
0.0	0.0- 2.5	44.56
5.0	2.5- 7.5	355.30
10.0	7.5- 12.5	669.64
15.0	12.5- 17.5	936.87
20.0	17.5- 22.5	1145.53
25.0	22.5- 27.5	1278.39
30.0	27.5- 32.5	1351.63
35.0	32.5- 37.5	1392.83
40.0	37.5- 42.5	1384.61
45.0	42.5- 47.5	1321.36
50.0	47.5- 52.5	1248.28
55.0	52.5- 57.5	1165.74
60.0	57.5- 62.5	1075.73
65.0	62.5- 67.5	976.34
70.0	67.5- 72.5	885.41
75.0	72.5- 77.5	719.75
80.0	77.5- 82.5	463.80
85.0	82.5- 87.5	180.86
90.0	87.5- 92.5	22.03

Available options: Wire guard, Door and lens, differing ballast configurations, Gripple hanging system

T5 H.O. Fluorescent 4- and 6-Lamp Hi-Bay Fixtures

EDSUN LIGHTING FIXTURE Mfg

Committed to Quality !



GENERAL DESCRIPTION

- All-new high efficiency T5 High Output fixture for cost-effective lighting of medium- and high-bay warehouses, manufacturing plants, sports facilities and retail spaces.
- New Engineered Lighting™ design features precision-formed beveled specular reflector to achieve maximum light output.
- Delivers either 19,000+ lumens from four economical 54-watt H.O. lamps, or 31,000+ lumens from six lamps; replaces H.I.D. fixtures on a one-for-one basis.
- Surface, pendant, chain or stem mounting.
- Optional wireguard with innovative fastener design allows easy lamp access.
- Highest quality materials and workmanship. Made in the U.S.A.

SPECIFICATIONS

Housing: Die-formed heavy-gauge cold rolled steel.

Finish: Post-painted white housing with either anodized specular or white aluminum reflector.

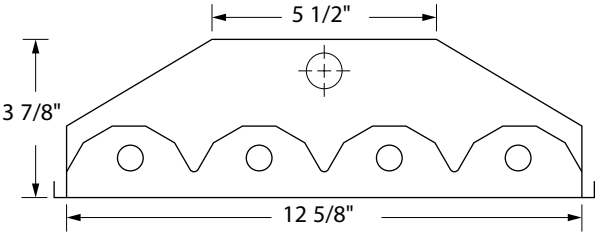
Ballast Access: Ballasts are accessible by removal of socket-plate screws. Reflector swings out on hinged ends.

Ballasts: Designed for use with Class P electronic ballasts for T5 H.O. lamps.

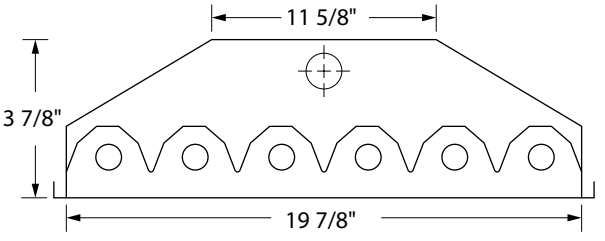
Lampholders: Accepts G5 push-through sockets and F54/T5HO lamps.

Mounting: Fixtures designed for surface, pendant, stem or chain hanging.

Wireguard
wire (A.W.G. Standard) with white powder-coat finish. Attaches with clips for easy lamp access.



4-Lamp Hi-Bay End View



6-Lamp Hi-Bay End View

ORDERING INFORMATION

Catalog No.	Lamps	Length
HB4T5HOLW	(4) F54/T5HO	48"
HB6T5HOLW	(6) F54/T5HO	48"

NOTES

Dimensions subject to change without notice.

Two- and three-light models available upon request.

Consult factory for available options.

569 W 17 St., Hialeah, FL 33010-2412 Ph.: 305-888-8849 • Fax: 305-883-0005
e-mail:edsunlighting@sprynet.com

LB Series

22" Low Bay

EDSUN LIGHTING FIXTURE Mfg *Commited to Quality !*

Fluorescent & HID Manufacturer

250 watts MH | HPS |

ORDERING INFORMATION

Catalog #	Description	Optics	Volts	Ballast	Lamp
METAL HALIDE					
LBMH250MTMO	250 watt MH	Aluminum	Quad	CWA	MH250/U
HIGH PRESSURE SODIUM					
LBMH250MTMO	250 watt HPS	Aluminum	Quad	CWA	C250S50

480V / Lamp, Hook included

FEATURES

- **Die Cast Housing**
  Rugged two piece housing for long lasting performance. 40° Standard ambient.
- **High Power Factor Ballast**
  Class H insulation. Standard Quad volt ballast. (480V Available)
- **Slide-on Mounting Box**
  Allows for quick and easy installation. 3/4" conduit connection or hook.
- **High Efficiency Refractor**
  Prismatic acrylic or aluminum for efficient performance with twist lock mounting.
- **FlexBand System**
  Clamp latches and locks with no tools, for easy installation and maintenance.
- **Mogul Base Socket**
  Porcelain, single-piece screw shell, spring-loaded center contact.
- **Factory Installed Options**
  Quartz Restrike, 480 Volt, and pre-wired Cord, Hook and Plug available.
-

ACCESSORIES (FIELD INSTALLED)

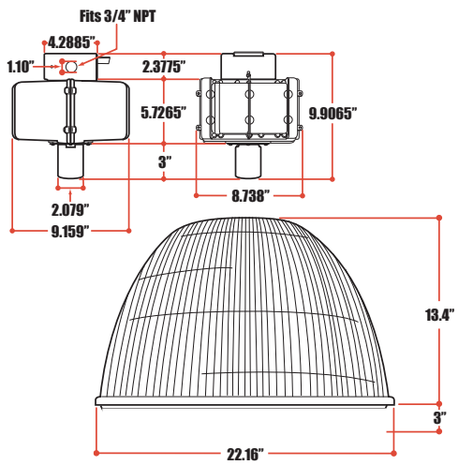
Catalog #	Description	Std. Pkg.
	Hook	1

FACTORY INSTALLED OPTIONS

Suffix #	Description
QRS	Quartz Restrike
480	480 Volt Ballast
C	120V Cord and Plug Installed

DIMENSIONS

Approx. Weight: 27 lbs.



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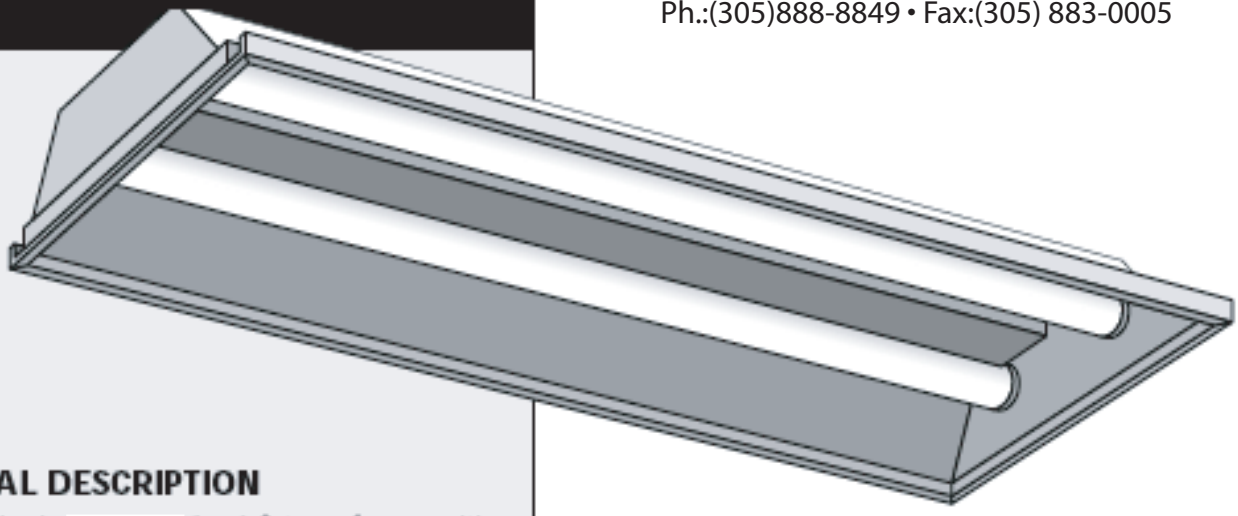
Customer Service: 305-888-8849

"LY"
1'x4' Narrow Economy Lay-in

EDSUN LIGHTING FIXTURE Mfg
569 W 17 St., Hialeah, FL 33010
Ph.:(305)888-8849 • Fax:(305) 883-0005



GENERAL DESCRIPTION

Recessed lay-in 1 x 4 fixtures for use with prismatic lenses or celled louvers in exposed T-bar ceilings. The fixtures are U.L. listed as a recognized component (U.L. #107722).

SPECIFICATIONS

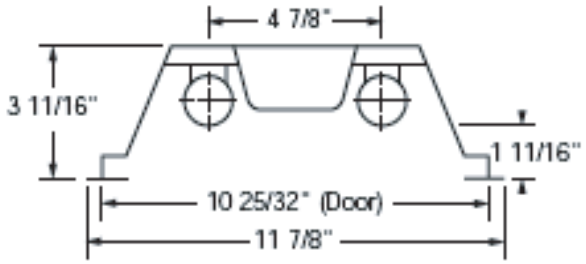
Housing: Die-formed standard gauge steel, embossed for maximum rigidity and provided with four corner tie points for safety wire supports.

Ends: Snap into housing and secure with #8 x 3/8" screws or 1/8"pop rivets with 1/8" to 3/16" grip. Built-in earthquake clips attach fixture to grid. Same ends fit 1 x 2 and 1 x 4 fixtures.

Socket Plates: Snap-in type, available for 2 T8 or T12 lamps, Sockets are tilted forward to provide positive spring action contact with lamps. S

Ballast Cover: Snaps in without tools for easy installation.

Access Plate: Snap-in type for simple ballast lead hook up without removing door or ballast cover.



LY14-240	2)F34/40WT12
LY14-232	2)F32T8
LY14-228	2)F28T5
LY14-254	2)F54T5HO

Available in Different voltages.

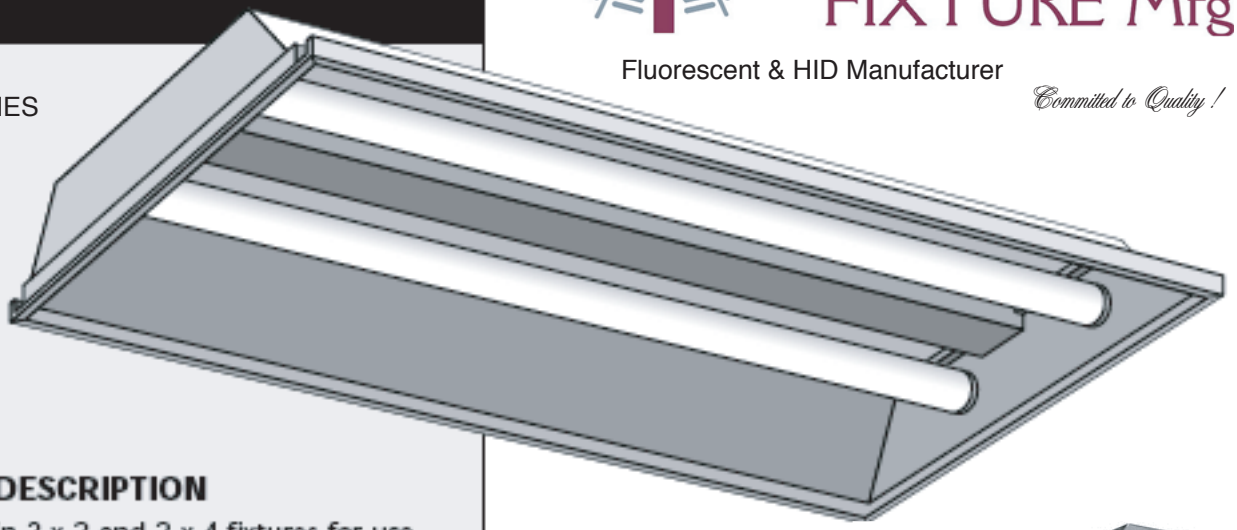
"LY" Standard Lay-in

EDSUN LIGHTING FIXTURE Mfg

Fluorescent & HID Manufacturer

Committed to Quality !

"LY" SERIES



GENERAL DESCRIPTION

Recessed lay-in 2 x 2 and 2 x 4 fixtures for use with prismatic lenses or celled louvers in exposed T-bar ceilings. The body is the same shape for 2 x 2 and 2 x 4. The fixtures are U.L. listed as a recognized component (U.L. # 107722).

SPECIFICATIONS

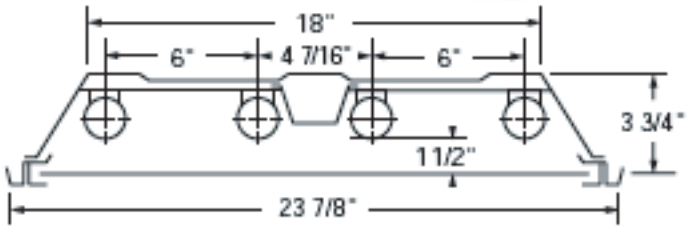
Housing: 3-3/4" deep. Die-formed standard or -gauge steel with rounded side flanges for safe handling. Embossed for maximum rigidity. Four corner tie points for safety wire supports.

Ends: Snap into housing and can be additionally secured with a #8 x 3/8" screw or 1/8" pop rivet with 1/8" to 3/16" grip. Same ends fit 2 x 2 and 2 x 4.

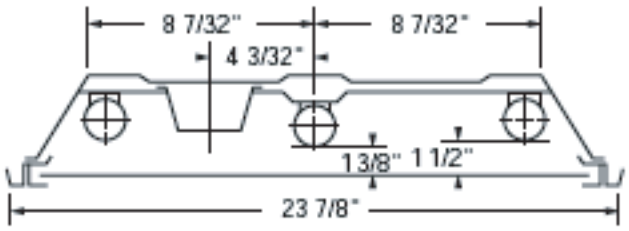
Socket Plates: Snap-in type. Available in 2, 3, 4 and U-lamp. Four-light and U-lamp are the same plate. Sockets are tilted forward to provide positive spring action contact with lamps. Same socket plates fit 2 x 2 and 2 x 4. (Slide-on low-profile front-loading sockets for use with -gauge steel recommended.)

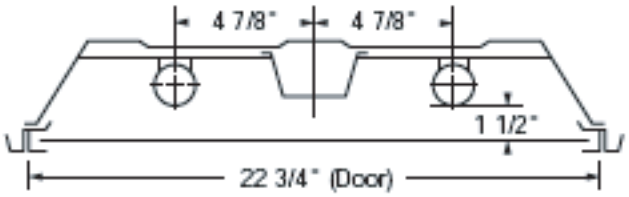
Ballast Cover: Snaps in without tools for easy installation.

Access Plate: Snaps in for simple ballast lead hook up without removing door or ballast cover.



4-lamp model for use with T8 lamps only



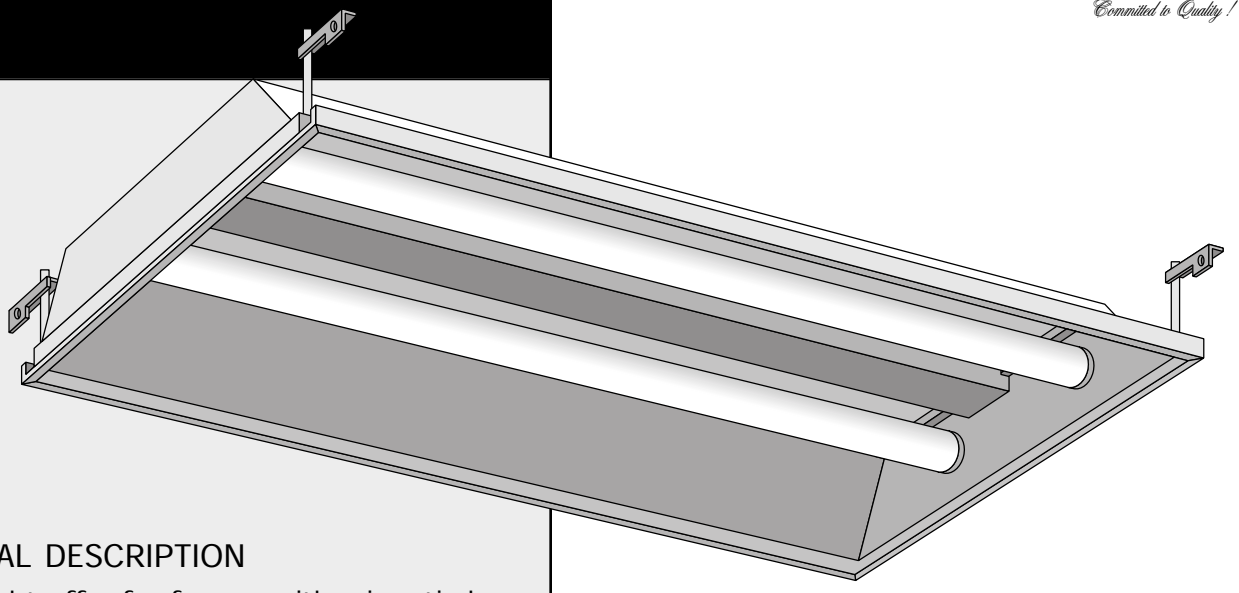


569 WEST 17 ST., HIALEAH, FL 33010 • PH.:305-8888849 • FAX: 305-8830005
E-MAIL: edsunlighting@sprynet.cim

"LYF"
Flanged LayIn

EDSUN LIGHTING FIXTURE Mfg

Committed to Quality !



GENERAL DESCRIPTION

A flanged troffer for for use with prismatic lenses or celled louvers in concealed Z-bar ceilings. The body is the same shape for 2 x 2 and 2 x 4. The fixtures are U.L. listed as a recognized component

SPECIFICATIONS

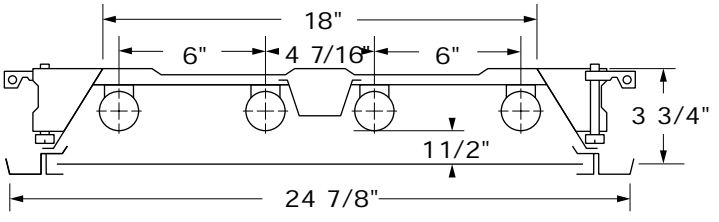
Housing: 3-3/4" deep. Die-formed standard gauge steel with rounded side flanges for safe handling. Embossed for maximum rigidity. Four corner tie points for safety wire supports.

Ends: Snap into housing and can be additionally secured with a #8 x 3/8"screw or 1/8" pop rivet with 1/8" to 3/16" grip. Same end fits 2 x 2 and 2 x 4.

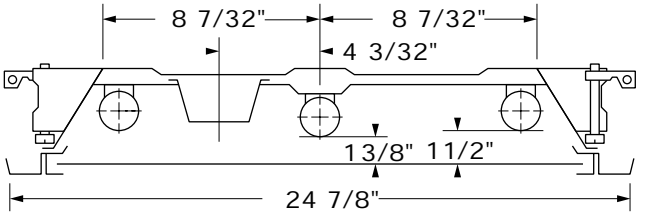
End Trim: Extends over the ends and snaps into side flanges on housing.

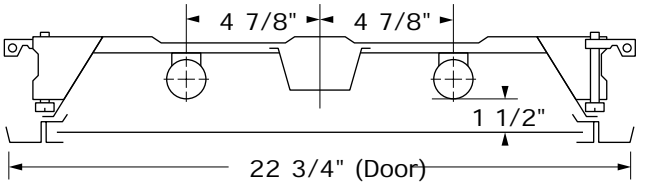
Joiner: Connects and aligns ends of housings in continuous runs. Joiner overlaps ends and is mounted by bending tabs.

Socket Plates:Snap-in type. Available in 2, 3, 4 and U-lamp. Four-light and U-lamp are the same plate. Sockets are tilted forward to provide positive spring action contact with lamps. Same socket plates fit 2 x 2 and 2 x 4.



4-lamp model for use with T8 lamps only

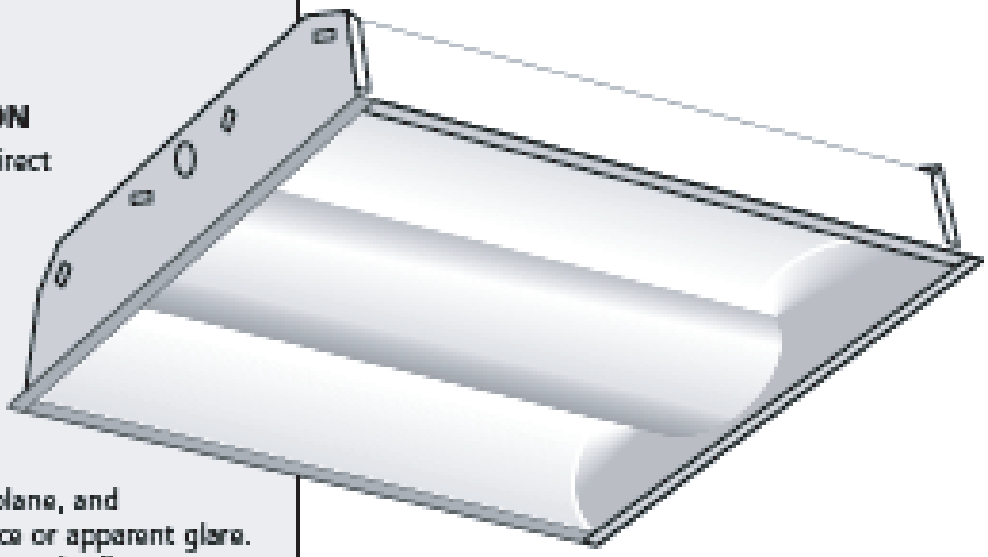




569 W 17 St., Hialeah, FL 33010-2412 • Ph.: 305-888-8849 • Fax: 305-883-0005
email" edsunlighting@sprynet.com

"LYI"
2 x 2 RDI Recessed Deep Direct/Indirect

EDSUN LIGHTING FIXTURE MNFG.
569 West 17 Street
Hialeah, FL 33010-2412
Ph.: 305-888-8849•Fax:305-883-0005
email:edsunlighting@sprynet.com



GENERAL DESCRIPTION

An attractive 2x2 direct/indirect fluorescent fixture with extremely fine fit and finish. The 2x2 RDI provides soft, balanced illumination for a contemporary appearance and comfortable light environment.

The housing and lamp compartment are fully recessed above the ceiling plane, and there is no visible light source or apparent glare. The perforated baffle and curved reflector produce a combination of direct and indirect light, fully illuminating the fixture.

SPECIFICATIONS

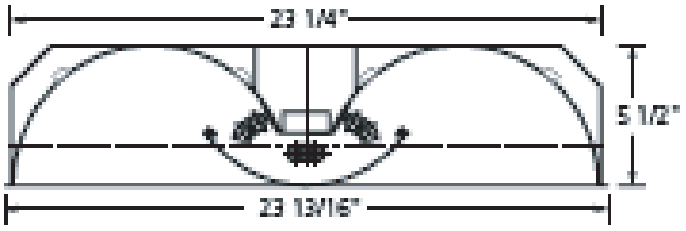
Housing: 20-gauge cold rolled steel.

Perforated Baffle: White perforated metal basket with white opal acrylic diffuser inlay. Releases with retractable pins for fast relamping and maintenance.

Lamps: 2 or 3 Biax, Dulux L or PL-L lamps with 2G11 bases.

Finish: Low gloss, high reflectivity powder coat finish. Pre-treated with iron phosphate for superior paint adhesion.

Mounting: Standard troffer mounting for easy installation in T-bar ceilings.



End View: 2x2 Recessed Deep Direct/Indirect

Typical Lamp with 2G11 Base

ORDERING INFORMATION

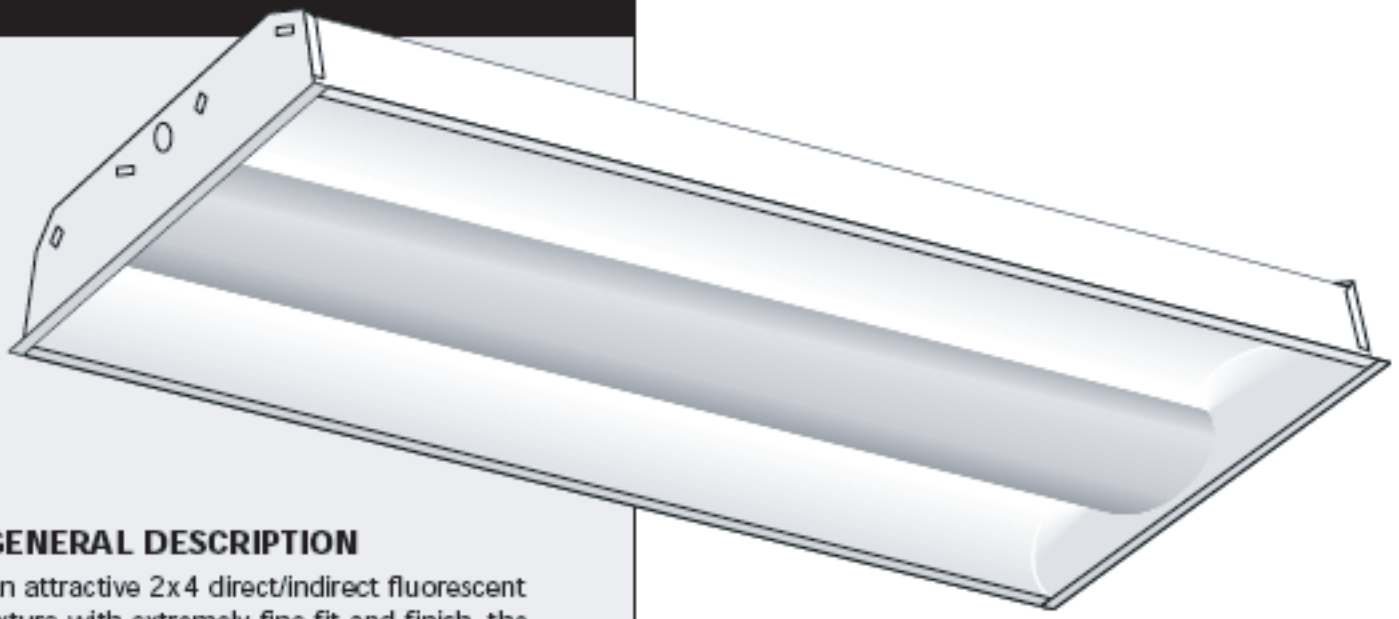
Catalog No.	Lamps	Length
	2 or 3	24"

NOTES

Dimensions subject to change without notice.

"LYI"
2 x 4 RDI Recessed Deep Direct/Indirect

Edsun Lighting Fixture Mnfg.
569 West 17 Street
Hialeah, FL 33010



GENERAL DESCRIPTION

An attractive 2x4 direct/indirect fluorescent fixture with extremely fine fit and finish, the 2x4 RDI provides soft, balanced illumination for a contemporary appearance and comfortable light environment.

The housing and lamp compartment are fully recessed above the ceiling plane, and there is no visible light source or apparent glare. The perforated baffle and curved reflector produce a combination of direct and indirect light, fully illuminating the fixture.

SPECIFICATIONS

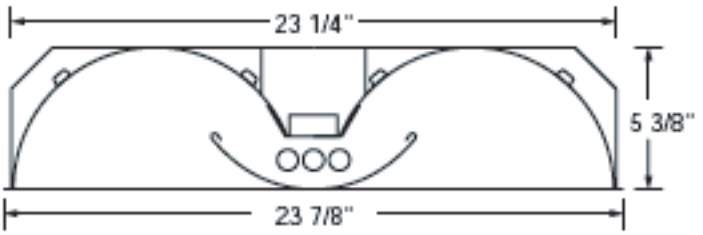
Housing: 20-gauge cold rolled steel.

Perforated Baffle: White perforated metal basket with white opal acrylic diffuser inlay. Releases with retractable pins for fast relamping and tool-free maintenance.

Lamps: 3 T8 fluorescent.

Finish: Low gloss, high reflectivity powder coat finish. Pre-treated with iron phosphate for superior paint adhesion.

Mounting: Standard troffer mounting for easy installation in T-bar ceilings.



End View: 2x4 Recessed Deep Direct/Indirect

ORDERING INFORMATION

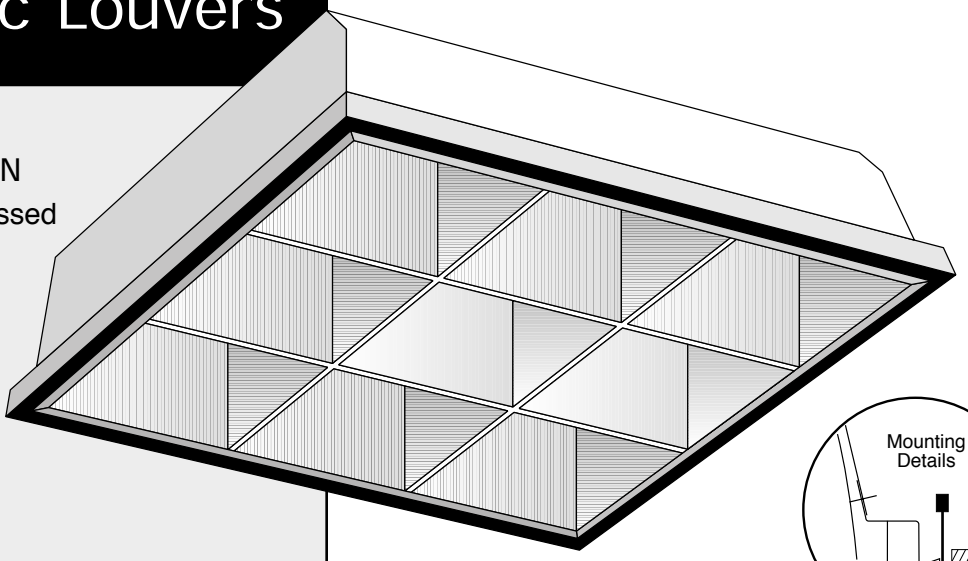
Catalog No.	Lamps	Length
	3	48"

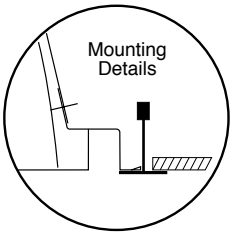
NOTES

Dimensions subject to change without notice.

2 x 2 Recessed Troffer "LYP" for Parabolic Louvers

EDSUN LIGHTING FIXTURE Mfg





GENERAL DESCRIPTION

A high performance recessed 2 x 2 troffer for 3" deep parabolic louvers. Designed for installation in exposed T-bar ceilings.

SPECIFICATIONS

Housing: 5-3/4" deep. Die formed in either standard 23-gauge cold rolled steel to meet NYC specifications, with rolled side flanges for safety. Side flanges stand over parabolic convert a-lume. Provided with four corner tie points for safety-wire supports.

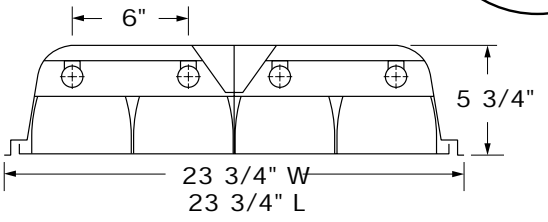
Ends: Snap in to housing and attach to parabolic body and side flanges with rivets. Built-in earthquake clips attach fixture to grid. Same ends fit 2 x 2 and 2 x 4 fixtures.

Socket Plates: Snap-in mounting style. Sockets are tilted forward to provide positive spring action contact with the lamps. Same socket plates fit 2 x 2 and 2 x 4 fixtures.

Ballast Cover: Snaps in without tools for easy installation.

Access Plate: Snaps in for simple ballast lead hook up without removing ballast cover.

Finish: All parts have a high reflective baked white enamel finish. Minimum 87% reflectivity.



NOTES

Dimensions subject to change without notice.
Fixture available with optional heat removal vents. To order, add HR to end of catalog number. 6-10 week availability.

ORDERING INFORMATION

Catalog No.	Lamps	Type
LYP22-2PLL40	2)PLL40	23 ga.
LYP22-U32	2)FB32U6	23 ga.
LYP22-3PLL40	3)PLL40	23 ga.
LYP22-2U31	2)U31	23 ga.
LYP22-3U31	3)U31	23 ga.
LYP22-U40	2)FB40U6	23 ga.
LYP22-320	3)F20	23 ga.
LYP22-420	4)F20	23 ga.
LYP22-317	3)F17	23 ga.
LYP22-417	4)F17	23 ga.

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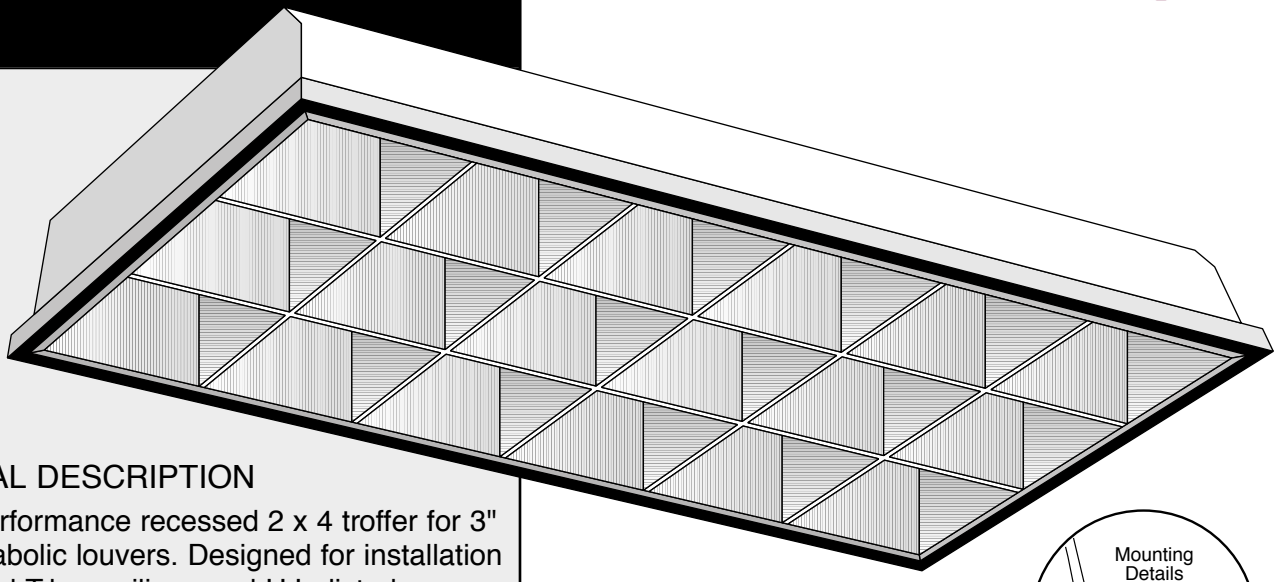
e-mail: edsunlighting@sprynet.com

2 x 4 Recessed Troffer "LYP" for Parabolic Louvers

EDSUN LIGHTING FIXTURE Mfg



GENERAL DESCRIPTION

A high performance recessed 2 x 4 troffer for 3" deep parabolic louvers. Designed for installation in exposed T-bar ceilings and U.L. listed as a recognized component.

Housing: 5-3/4" deep. Die formed in standard 23-gauge cold rolled steel to meet NYC specifications, with rolled side flanges for safety. Side flanges stand over parabolic convert-a lume. Provided with four corner tie points for safety wire supports.

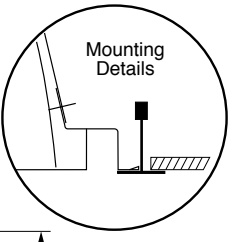
Ends: Snap in to housing and attach to parabolic body and side flanges with rivets. Built-in earthquake clips attach fixture to grid. Same ends fit 2 x 2 and 2 x 4 fixtures.

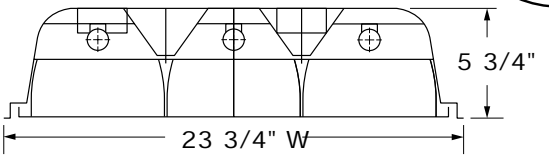
Socket Plates: Snap-in mounting style. Available for 2, 3 or 4 T8 or T12 lamps. Sockets are tilted forward to provide positive spring action contact with the lamps. Same socket plates fit 2 x 2 and 2 x 4 fixtures.

Ballast Cover: Snaps in without tools for easy installation.

Access Plate: Snaps in for simple ballast lead hook up without removing ballast cover.

Finish: All parts have a high reflective baked white enamel finish. Minimum 87% reflectivity.





ORDERING INFORMATION

Catalog No.	Lamps	Type
LYP24-232	2)F32 Electronic	23 ga.
LYP24-332	3)F32 Electronic	23 ga.
LYP24-432	4)F32 Electronic	23 ga.
LYP24-240	2)F40 Magnetic	23 ga.
LYP24-340	3)F40 Magnetic	23 ga.
LYP24-440	4)F40 Magnetic	23 ga.
LYP24-6PLL40	6)PLL40 Electronic	23 ga.

Options:
Different voltages, Emergency battery, Lamps, Tailed, Chrome Reflector.

NOTES

Dimensions subject to change without notice

EDSUN LIGHTING FIXTURE Mfg

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Parabolics

Edsun Lighting

KWIK-CHANGE™ SERIES

"LYP" -Convert-a-lume

Nominal 3" Aluminum Parabolic Louver

The Edsun. extended family of Aluminum Parabolics includes the 2-5/8" deep "LYP" Parabolic Louver. The bold look and superior lamp obscuration of the deep cell louver creates a dramatic appearance. The "LYP" features extraordinary efficiency and light control with a low brightness accent in a grid ceiling. Standard finish is non-iridescent Semi-Specular Silver .

Aluminum is ideal for easy maintenance, cleaning and durability . Fingerprints wipe off with a damp cloth.

Convert any standard recessed fluorescent fixtur e to a high tech, low brightness luminaire. It' s as simple as 1, 2, 3 . It's economical and immediately available from stock.

The "LYP" is used with static handling fixtures, as well as where good lighting control is essential. It meets all rigid fire codes and is excellent for new and retrofit lighting applications where high efficiency is requir ed.

section

Applications:

- Medical Facilities
- Department Stores
- Showrooms
- Commercial & Municipal Buildings
- Entries & Corridors
- Office Task Areas
- Banks
- Conference Rooms

Catalog No.	Nominal Size	Number of Cells	Cell Configuration
LYP14	1' x 4'	8	1 row of 8
LYP22	2' x 2'	9	3 rows of 3
LYP14	2' x 4'	18	3 rows of 6

Edsun Lighting Fixture Manufacturing *Quality Fluorescent and HID Fixtures !*
569 West 17 Street, Hialeah, FL 33010-2412 Ph.: 305-888-8849

EDSUN LIGHTING FIXTURE Mfg
Fluorescent & HID Manufacturer

"Maxiliter"

GARAGE LIGHTING

AREA LIGHTING

GAS STATIONS

Square die cast back housing and front frame, chromate conversion coating, textured bronze finish, coin plugs on sides, extended vandal resistant polycarbonate lens with stainless steel screws, gasket, aluminum reflector, porcelain mogul sockets and bracket, vertical lamp mount, ballast, either Metal Halide or High Pressure Sodiumup to 400 watt, multi tap or 480V also available. Can be special ordered in smaller wattages, 175WMH or 150W HPS, 250W Metal Halide or High Pressure Sodium, lamps are included in the fixture.

Model #	Width 16-1/2"	Height 17"	Depth 14-1/2"	Watts
MLMH250MTMOG • Metal Halide • 250W • Multitap • With Lamp				MH250/U
MLMH400MTMOG • Metal Halide • 250W • Multitap • With Lamp				MH400/U
MLHPS250MTMOG • HiPressSodium • 250W • Multitap • With Lamp				LU250/U
MLHPS400MTMOG • HiPressSodium • 400W • Multitap • With Lamp				LU400/U

MOUNTING: SWIVEL, SLIP FITTING, ALUMINUM EXTRUDED MOUNTING ARMS.

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FAX: (305) 883-0005 • E-MAIL: EDSUNLIGHTING@SPRYNET.COM

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569 W. 17 St., Hialeah, FL 33010-2412
Ph.: (305) 888-8849 • Fax:(305) 883-0005
e-mail: sales@edsunlighting.com

Poles and Globes

ACRYLIC White

Exceptional brilliance that does not diminish even after prolonged use. Because of their optimum surface hardness, these globes are unsurpassed in their resistance to UV aging and wethering. NO visible seams.

Part No.	Sizes	Opening
GW6	6”x3-1/2”	opening with neck
GW8	8”x4-1/2”	opening with neck
GW10	10”x4-1/4”	opening with neck
GW12	12”x5-1/4”	opening neckless
GW14	14”x5-1/4”	opening neckless
GW16	16”x5-1/4”	opening neckless
GW18	18”x5-1/4”	opening neckless

LEXAN (Polycarbonate)

White, Clear, smoke

Recommended for longer durability. Use on HID applications.

White	GLW14	14”x5-1/4”	opening neckless
	GLW16	16”x5-1/4”	opening neckless
	GLW18	18”x5-1/4”	opening neckless
Clear	GLC14	14”x5-1/4”	opening neckless
	GLC16	16”x5-1/4”	opening neckless
	GLC18	18”x5-1/4”	opening neckless
Smoke	GLS14	14”x5-1/4”	opening neckless
	GLS16	16”x5-1/4”	opening neckless
	GLS18	18”x5-1/4”	opening neckless

5-1/4” Black or White Post fitter

for 3” aluminum poles.

PFB	Black post fitter
PFW	White post fitter

3” Black or White Post

PB7	7’ Black aluminum poles
PB10	10’ Black aluminum poles
PB12	12’ Black aluminum poles
PB15	15’ Black aluminum poles
PW7	7’ White aluminum poles
PW10	10’White aluminum poles

PCBB Black post crossbar
PCBW White post crossbar

HID Postline ballast

Mercury vapor

PLBMV100
PLBMV175
PLBMV175-240V
PLBMV175-277V
PLBMV250

High Pressure Sodium

PLBHPS70
PLBHPS100
PLBHPS150

EDSUN LIGHTING FIXTURE Mfg

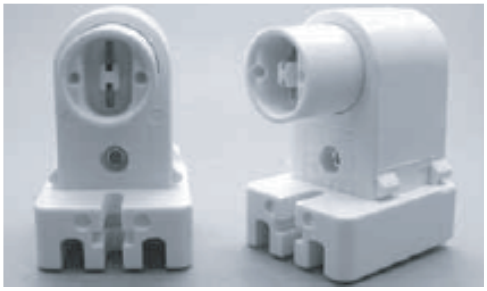
1) HO Sign Sockets Round

2) HO Sign Sockets

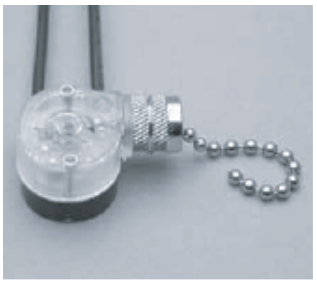
3) Sli)mline sockets

4) HO Sockets (Chanels)

5) HO Sockets (VaporTites)



6) HO Sockets Long



P.C. Switch

Rocker Switch

Medium Porcelain Socket

Mogul Porcelain Socket

Mogul (M) x Medium (F) Adapter

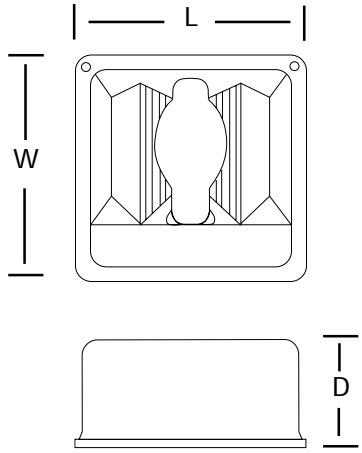
SB Series

Parking/Roadway Luminaire

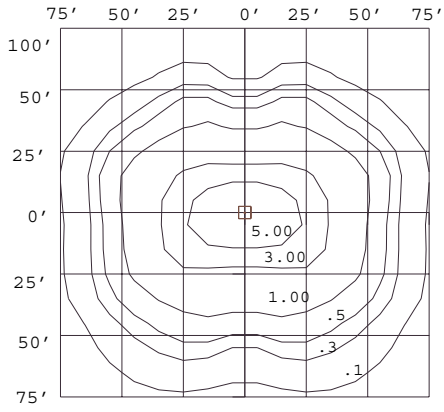
SHOEBOX 16x16

55° C Ambient Rated

Dimensions	Fixture Length	Fixture Width	Fixture Depth	Approx. Ship Wt.
SB Series	16.4"	16.4"	7.0"	33 LBS



SB (16x16)



Isofootcandle plot of 400W MH Parking/Roadway
° vertical tilt.

Housing

The sleek square, 16" die cast aluminum housing with flush door frame and rounded edges are standard with bronze, polyester powder top coat

EPA Rating

Because of its unique design, lower EPA levels are obtained, resulting in lower pole costs.

Optics

The 16" housings come standard with Type III asymmetric distribution. Ideally suited for roadway applications, parking areas or for building mounted security lighting.

Lens

A clear, tempered glass lens is held securely in a die cast door frame.

Ballast

All fixtures are standard with a high power factor multi-tap ballast (except 480V). Connected to 120V

Lamps

16" size utilizes 70-400W mogul base lamps.

Gasketing

Complete silicone gasketing around lens frame and at mounting provide a watertight seal.

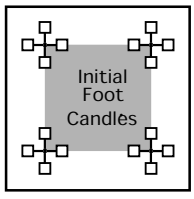
Mounting Options

Square bracket or 2-3/8 slip fitting.

Warranty

The SB Luminaire sold by Edsun Lighting, unless otherwise specified, will be warranted to be free of defects in materials and workmanship under normal use and service for a period of two (2) years from date of shipment, 175W-400W.

If found to be defective by us, we will replace the non-performing components.



Criteria:

SB Series Luminaire 0 vertical tilt.
Mounting Height: 30'
Wattage: 400W
Mounting: 12" Extended Pole Mount
Pole Spacing: 4 times mounting height

Parking/Roadway Luminaire Pole Spacing Selection Guide

Lamp Type	Desired Mounting Height	Desig Footcandles	Catalog Number
Metal Halide			
175W	12'	25.	SBMH175
400W	20'	16.	SBMH400
400W	25'	10.5	SBMH400
High Pressure Sodium			
250W	20'	13.3	SBHPS250
400W	25'	15.0	SBHPS400
400W	30'	10.2	SBHPS400

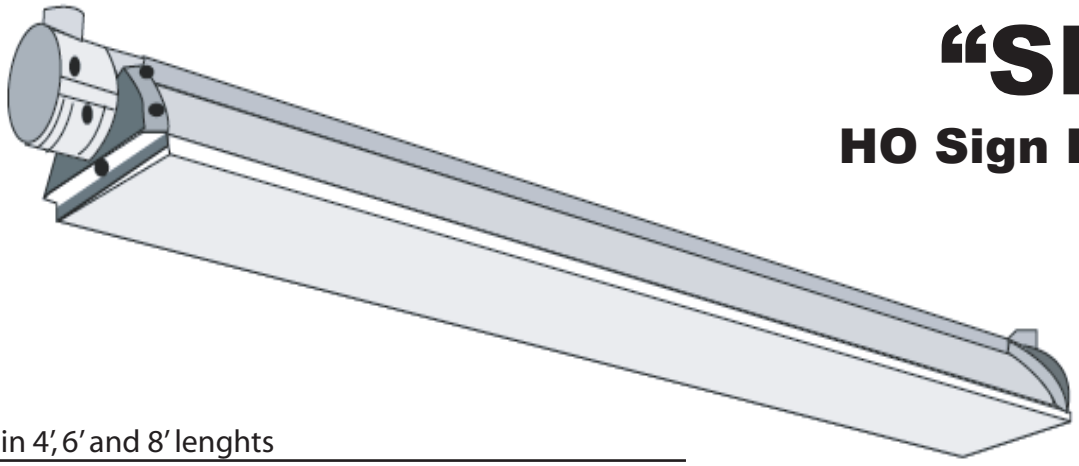
* Initial footcandles assume 4 floodlights per pole.

EDSUN LIGHTING FIXTURE Mfg

Edsun Lighting Fixture Mnfg. *Commited to quality !*
569 W 17 St., Hialeah, FL 33010-2412 Fax: 305-883-0005
e-mail:edsunlighting@sprynet.com

TECHNICAL HOTLINE 1-305-888-8849

"SL"
HO Sign Lights"



Available in 4', 6' and 8' lenghts

Part No.: SL48HO, SL72HO, SL96HO add "B" for remote ballast (120V).
Also Available 2 fixtures that will operate with 1 ballast (120V Included).
Part No.: SL2-48HOB, SL2-72HOB, SL2-96HOB

Application
A high quality light in performance and adaptability in any outdoor location and under all weather conditions. Use proven in parking and shopping areas, store fronts, out door signs, public areas, etc.

FEATURES & SPECIFICATIONS

Attributes
High reflectance premium grade white enamel interior surface. Recessed double contact lampholders enclosed in weatherproof neoprene boots. Adjustable design allows ease of installation and directing of light.

Mounting
Two standard cast aluminum adjustable hubs allow individual or continuous row mounting.

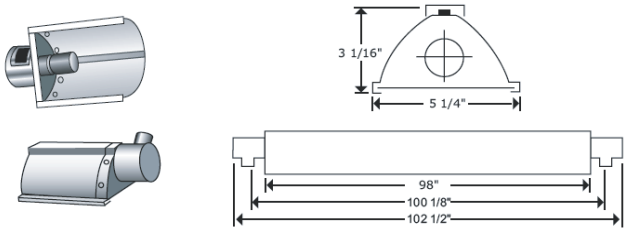
Housing
Housing is anodized extruded aluminum with cast aluminum ends and mounting hubs.

Diffuser
Flat clear acrylic lens available for maximum light efficiency interlock fit for maximum protection.

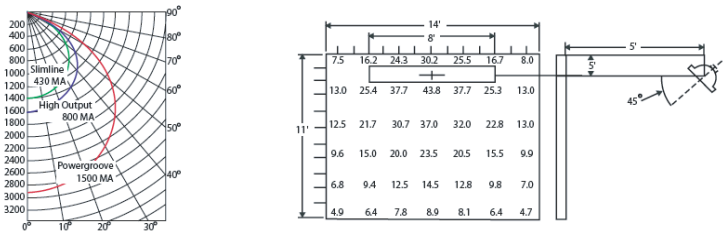
Electrical
Wired for 800MA or 1500MA remoted weatherproof or indoor ballast.

Listing
Fixtures conform to Underwriters' Laboratories standards for production and are carefully tested prior to packing.

DIMENSIONS



PHOTOMETRIC DATA



Ballasts:
Available with remote mounted HO outdoor ballasts for individual on double fixture applications 120V. Voltages such as 277V require regular HO ballast installed inside a weather proof junction box.

EDSUN LIGHTING FIXTURE Mfg

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Fax: 305-883-0005• e-mail: edsunlighting@sprynet.com

"Sportslighter"

•21"Wx 12"D, Alum. Schroud
•18"H x 11"W housing
•28" overall heigth

- ***Die Cast Aluminum Housing***
- ***Porcelain Mogul Base Socket***
- ***Aluminum Reflector with Tempered Glass and***

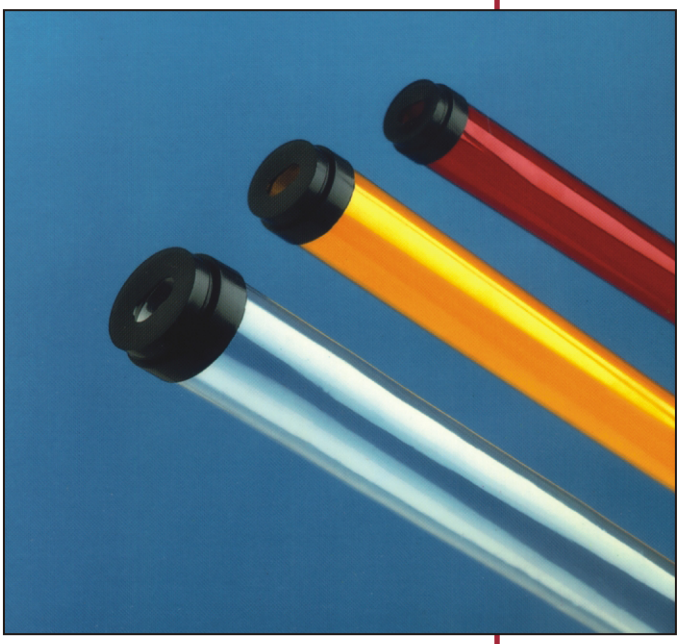
SLMH1000MTMOG• 1000W MH, Multitap (120-277V), W-Lamp
SLMH1500MTMOG• 1500W MH, Multitap (120-277V), W-Lamp

•Available in 480V (Special order)

"ELF" Tube Guards

Edsun Lighting Fixture Mnfg.

Protect-A-Lamp



General Information

"ELFs" provide full protection against the inherent dangers of fluorescent lamp breakage by retaining the shattered glass and phosphors. They are made of clear extruded polycarbonate, featuring high tensile strength over a wide temperature range and high impact strength even at low temperatures. ELF's meet OSHA, FDA, NEC and USDA requirements. The U.S. Department of Agriculture requires meat packing plants to have acceptable protection for fluorescent lamps. The FDA requires lamps suspended over exposed food, in any step of preparation, must be of the safety type or otherwise protected to prevent food contamination in case of breakage. . ELF s allow lamps to meet these requirements.

Protect-A-Lamp sleeves provide exposed lamps protection against dirt, dust, bugs and flying insects. They reduce cleaning cycles and minimize lamp replacement due to breakage. These sleeves are for use in Museums, Art Galleries, Libraries, Department Stores, Food Processing Plants, Schools, Hospitals and other areas where contaminations may occur due to lamp breakage.

Ultraviolet Filtering ELF 'S (SPECIAL ORDER ONLY)

ELF's U.V. composition shall effectively resist ultraviolet light emission because of the selective transmittance characteristics which filter out U.V . rays from 0 to 385 nanometers. Shall be made of extruded acrylic UVA-7 formulation.

End Caps

End Caps are made of a snug fitting heat resistant polypropylene plastic. The caps will hold the lamps in place even if broken and will prevent the tubes fr om falling.

Heat Sink Screens

Heat Sink Screens are used with high-output lamps. HO (800 MA) and VHO (1500 MA) lamps create excessive heat at the ends of the lamp. The open metal mesh spreads the excess heat of the lamp, eliminating deterioration of the plastic sleeve.

Colors

Clear
Red
Green
Blue
Pink
Gold
Yellow

MEETS SAFETY STANDARDS
Required By:

OSHA

National Electrical Code
U.S. Dept. of Agriculture
Food and Drug

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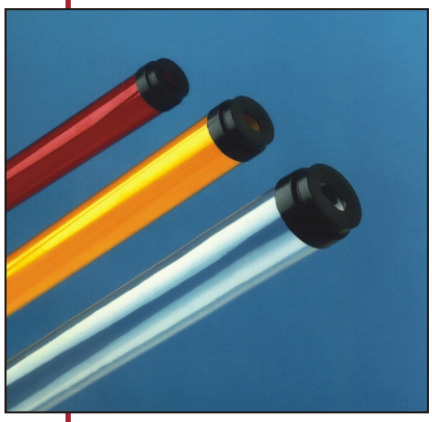
ALP-PAL DATA



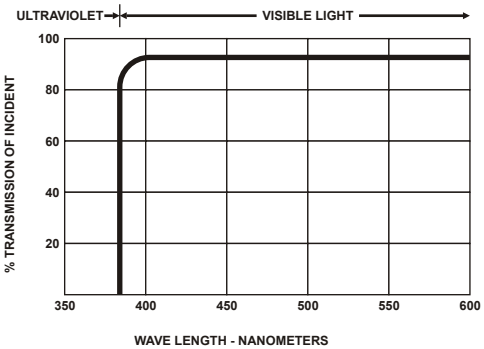
Specifications

Standard PAL's

PAL's as manufactured by A.L.P. Lighting Components, Inc., shall meet the safety standard requirements of **OSHA, NEC, FDA** and the **U.S. Department of Agriculture**. PAL's shall be made of polycarbonate, which has superior temperature and impact characteristics.

Ultraviolet Filtering PAL's

PAL's U.V. composition shall effectively resist ultraviolet light emission because of the selective transmittance characteristics which filter out U.V. rays from 0 to 385 nanometers. Shall be made of extruded acrylic UVA 7 formulation.



CATALOG NO.	COLOR	END CAP	LAMP DESCRIPTION
T12 Lamps			
PAL 40C	CLEAR	PAL C	F40 T12
PAL 48C	CLEAR	PAL C	F48 T12
PAL 72C	CLEAR	PAL C	F72 T12
PAL 96C	CLEAR	PAL C	F96 T12
PAL 96HOC	CLEAR	PAL C	F96 T12
PAL 96VHOC	CLEAR	PAL C	F96 T12
T8 Lamps			
PAL 18T8C	CLEAR	PAL T8	F15 T8
PAL 36T8C	CLEAR	PAL T8	F25 T8
PAL 40T8C	CLEAR	PAL T8	F32 T8
PAL 96T8C	CLEAR	PAL T8	F96 T8
UV Filtering			
PAL 40CUV	CLEAR UVA 7	PAL C	F40 T12
PAL 48CUV	CLEAR UVA 7	PAL C	F48 T12
PAL 72CUV	CLEAR UVA 7	PAL C	F72 T12
PAL 96CUV	CLEAR UVA 7	PAL C	F96 T12
PAL 96HOCUV	CLEAR UVA 7	PAL C	F96 T12
PAL 96VHOCUV	CLEAR UVA 7	PAL C	F96 T12
PAL 18T8 CUV	CLEAR UVA 7	PAL T8	F15 T8
PAL 36T8 CUV	CLEAR UVA 7	PAL T8	F25 T8
PAL 40T8 CUV	CLEAR UVA 7	PAL T8	F32 T8
PAL 96T8 CUV	CLEAR UVA 7	PAL T8	F96 T8
Replacement End Caps			
PAL C	BLACK	ALL T12	-
PAL T8	BLACK	ALL T8	-
Replacement Heat Sink Screens			
PAL HS	OPEN MESH	T12	-

To Order: Replace suffix letter for Clear (C) with Red (R), Green (GR), Blue (B), Pink (P), Gold/Amber (G) or Bug Light Yellow (Y).

Note: For Yellow UV, replace suffix letter for Clear UVA (CUV) with Yellow (YUV). T12 Lamp only.

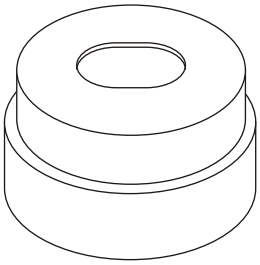
Example: PAL40R

WARNING: It is safe to use protective sleeves (PAL's) with T8 lamps when used **only** with the following compatible components.

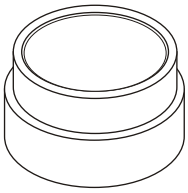
1. When T8 lamps are used in conjunction **with** electronic high efficiency ballasts **that are designed to prevent overheating at "end of life" of the lamp.**
2. When T8 lamps are operated by **electromagnetic ballasts.**

A.L.P. Lighting Components, Inc. **does not** recommend using protective sleeves (PAL's) on T8 lamps under any other conditions.

PAL C



PAL T8



Note: Two End Caps are supplied with each sleeve.

Two PAL HS Heat Sink Screens are supplied with each HO and VHO sleeve.

A.L.P.
LIGHTING COMPONENTS, INC.
CORPORATE HQ: CHICAGO, IL U.S.A.

For Customer Service and Support Contact us at:
(877) ALP-LTG1 • Fax: (800) 438-2500 • www.alplighting.com

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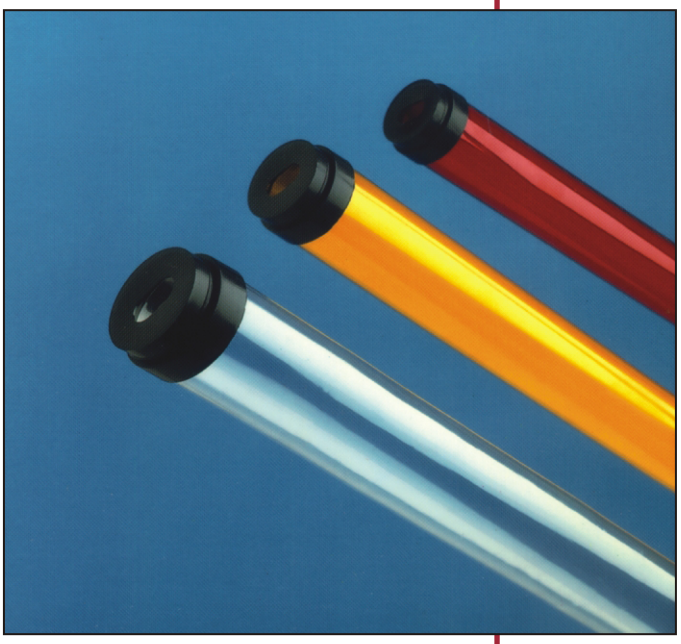
"ELF" Tube Guards

Edsun Lighting Fixture Mnfg.

Protect-A-Lamp



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Ultraviolet Filtering ELF 'S (SPECIAL ORDER ONLY)

ELF's U.V. composition shall effectively resist ultraviolet light emission because of the selective transmittance characteristics which filter out U.V . rays from 0 to 385 nanometers. Shall be made of extruded acrylic UVA-7 formulation.

End Caps

End Caps are made of a snug fitting heat resistant polypropylene plastic. The caps will hold the lamps in place even if broken and will prevent the tubes fr om falling.

Heat Sink Screens

Heat Sink Screens are used with high-output lamps. HO (800 MA) and VHO (1500 MA) lamps create excessive heat at the ends of the lamp. The open metal mesh spreads the excess heat of the lamp, eliminating deterioration of the plastic sleeve.

Colors

Clear
Red
Green
Blue
Pink
Gold
Yellow

MEETS SAFETY STANDARDS
Required By:

OSHA

National Electrical Code
U.S. Dept. of Agriculture
Food and Drug

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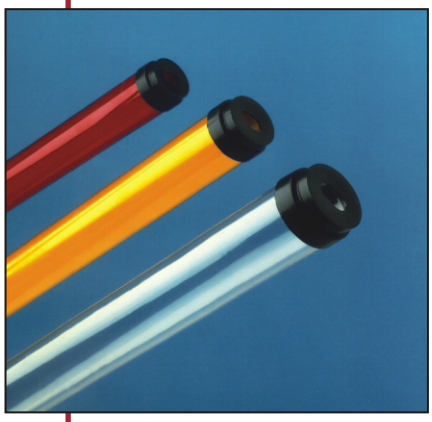


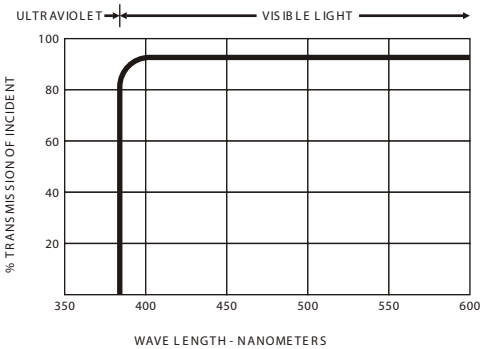
Specifications

Standard ELF 's

ELF's lamp shields or tube guards shall meet the safety standard requirements of OSHA, NEC, FDA and the U.S. Department of Agriculture . Tube guards shall be made of polycarbonate, which has superior temperature and impact characteristics.

Ultraviolet Filtering Tube guards.

"ELF" U.V. composition shall effectively resist ultraviolet light emission because of the selective transmittance characteristics which filter out U.V . rays from 0 to 385 nanometers. Shall be made of extruded acrylic UVA 7 formulation.



CATALOG NO.	COLOR	END CAP	LAMP DESCRIPTION
T12 Lamps			
TG4C	CLEAR	TGEC	F40 T12
TG4C	CLEAR	TGEC	F48 T12
TG4A,BL,G,P,R,Y	Colors	TGEC	F40 T12
TG8C	CLEAR	TGEC	F96 T12
TG8A,BL,G,P,R,Y	Colors	TGEC	F96 T12
T8 Lamps			
TG4T8C TG8T8C	CLEAR CLEAR	TGECT8 TGECT8	F32 T8 F96 T8
Replacement End Caps			
TGEC TGECT8	BLACK BLACK	ALL T12 ALL T8	- -
			-

To Order: Replace suffix letter for Clear (C) with Red (R), Green (G), Blue (B), Pink (P), Gold/Amber (A) or Bug Light Yellow (Y).

Note:

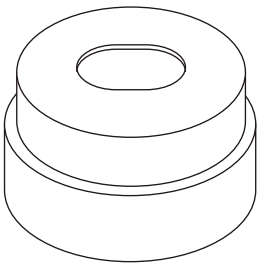
Example: TG4C

WARNING: It is safe to use protective sleeves (ELF 's) with T8 lamps when used only with the following compatible components.

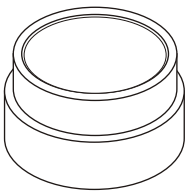
1. When T8 lamps are used in conjunction with electronic high efficiency ballasts that are designed to prevent overheating at "end of life" of the lamp.
2. When T8 lamps are operated by electromagnetic ballasts.

Edsun Lighting does not recommend using protective sleeves 'on T8 lamps under any other conditions.

TGEC



TGECT8



Note: Two End Caps are supplied with each sleeve.

EDSUN
LIGHTING FIXTURE MNFG.
Hialeah, FL 33010-2412 USA

For Customer Service and Support Contact us at:
(305) 888-8849 • Fax: (305) 883-0005 • www.edsunlighting.com

"UCL"

Large Undercounter 1-7/8"

EDSUN LIGHTING FIXTURE Mfg

EDSUN LIGHTING FIXTURE Mfg

Application

• Undercabinet

Finishes Available

• White

Features

• Snap-Together body and ballast cover
• No fasteners

Diffuser

• Ribbed white acrylic

Optional Features

• Rocker switch, grounded receptacle
6' cord available.

Lamping Options		
T12	**T8**	**Size**
(1) 15W (1) 20W (1) 30W (1) 40W	(1) 15W (1) 17W (1) 25W (1) 32W	18" 24" 36" 48"

Available with Magnetic and electronic ballast. Call for special voltages other than 120V.

• Can add a rocker switch "S", lamped "L", 6' cord "C" suffix.
• 1-7/8" High, "UCL" series (UnderCounterLarge)

MAGNETIC
UCL115
UCL120
UCL130
UCL140

ELECTRONIC
UCL117
UCL125
UCL132

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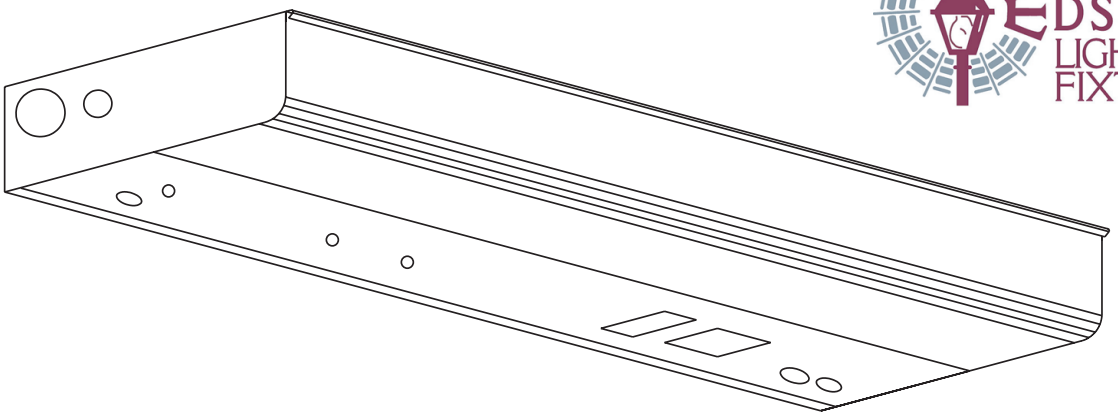
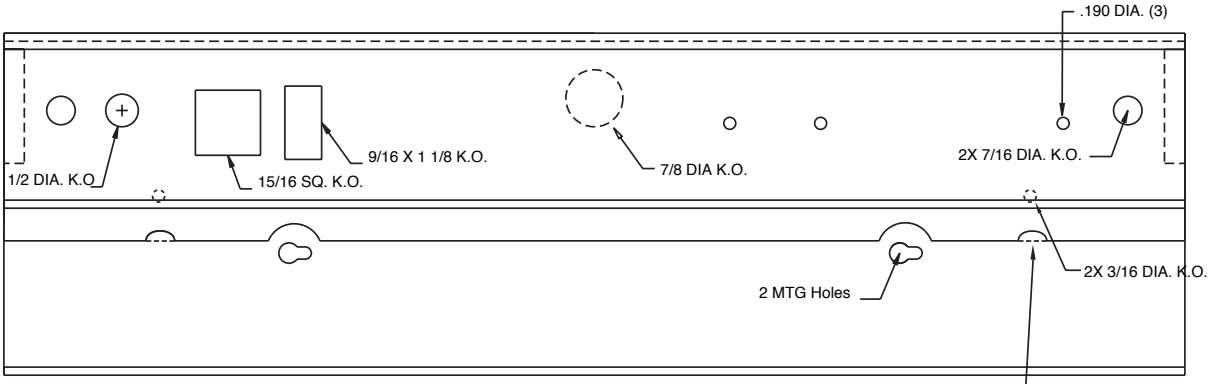
"UCL"

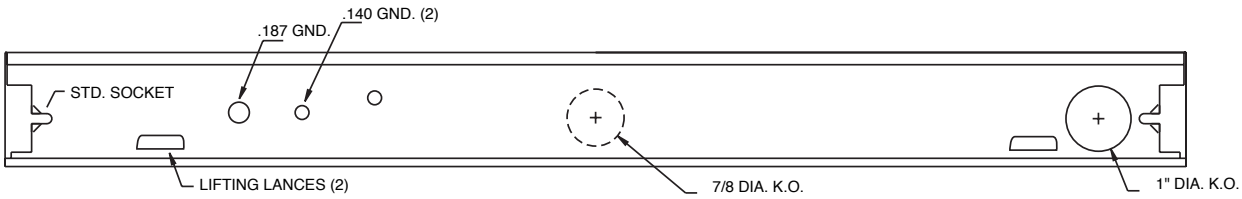
EDSUN LIGHTING FIXTURE Mfg



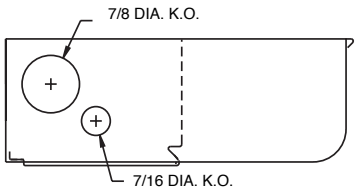


TOP
WITHOUT DIFFUSER

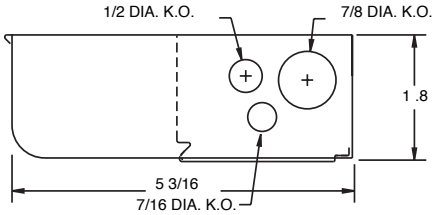
SNAP-TOGETHER LANCE (2)



FRONT



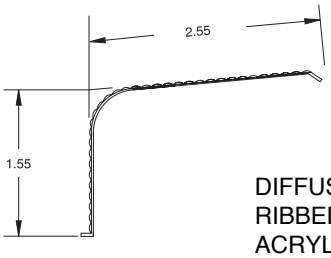
LEFT



RIGHT

Electronic

T8	
SIZE	LENGTH
(1) 17W	24-1/8
(1) 25W	36-1/8
(1) 32W	48-1/8



DIFFUSED
RIBBED WHITE
ACRYLIC

Magnetic

T12	
SIZE	LENGTH
(1) 15W	18-1/8
(1) 20W	24-1/8
(1) 30W	36-1/8
(1) 40W	48-1/8

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Application

• Single Lamp Undercabinet

Finish

• White

Features

• Snap-Together body and ballast cover
• No fasteners
• Installed green ground stud
• UL flexible cable connector
• K.O. for C.O. and rocker switch
• Micro Inter Connect ready

Diffuser Options

• Ribbed white acrylic - standard

Optional Features

Custom modifications in the physical specification and color are available for this fixture.

Lamping Options		
	T5	
UCM1-8L	(1) 8W	12-1/4"
UCM1-13L	(1) 13W	21-1/2"
UCM2-8L	(2) 8W (T)	24-1/2"
UCM8-13L	8W+13W (T)	33-1/2"
UCM2-13L	(2) 13W (T)	42-1/2"

(T) Tandem

All of the above are supplied with major brand lamp.
Add "S" for rocker switch. and "R" for receptacle.

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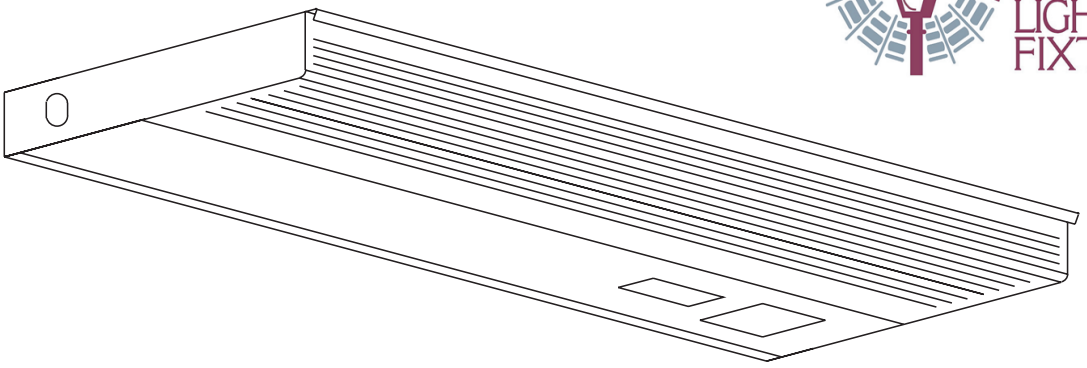
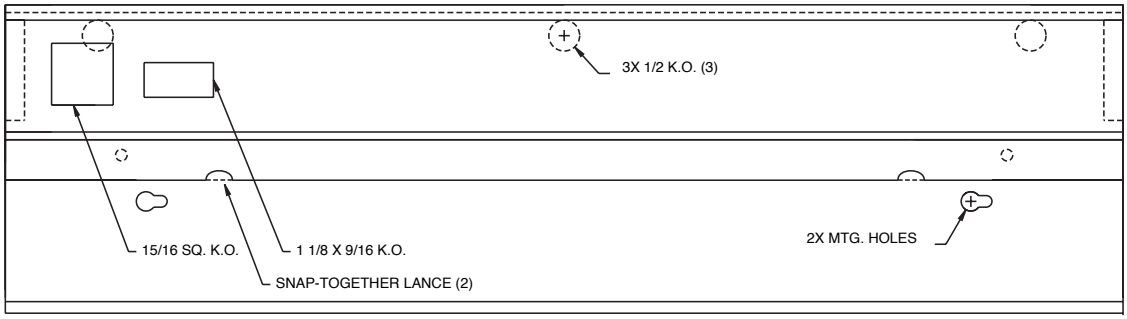
“UCM”

MiniUdercounter 1-1/8”

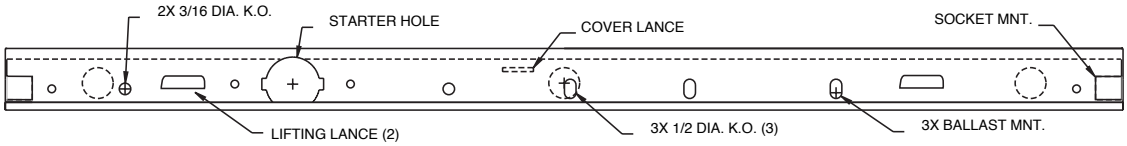
EDSUN LIGHTING FIXTURE Mfg



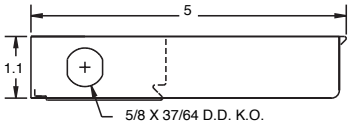


TOP

WITHOUT DIFFUSER



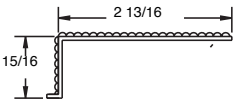
FRONT



IDENTICAL ON OPPOSITE END

T-5	
SIZE	LENGTH
(1) 8W	12-3/16
(1) 13W	21-3/16
(2) 8W (T)	24-7/16
8W+13W (T)	33-7/16
(2) 13W (T)	42-7/16

(T) Tandem



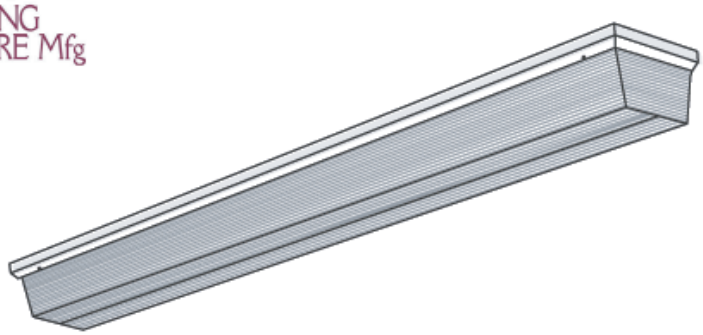
DIFFUSER

RIBBED WHITE ACRYLIC

Available lamped or lamped & Switched

Edsun Lighting Fixture Mnfg. 569 W 17 St., Hialeah, FL 33010-2412
(305)888-8849 • Fax (305) 883-0005 • E-mail: edsunlighting@sprynet.com

EDSUN LIGHTING FIXTURE Mfg



"VP"

SECURITY SERIES

PREMIUM SECURITY LIGHT

Excellent for lighting areas where vandal resistant applications such as schools, parks, jails, public bathrooms are a must.

specifications

housing

- Die formed heavy gauge steel
- Mounts on ceiling or wall

lens

- Injection molded clear prismatic polycarbonate with UV inhibitors for minimum discoloration
- Integral locking lugs opposite screws for improved vandal resistance
- Diffuser may be attached with optional tamper proof screws
- Available in 4' lengths
- Lens completely encloses body to further inhibit vandalism

options

BALLAST
E8 Electronic T8
M2 Magnetic T12

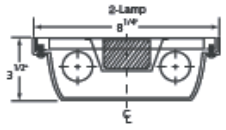
VOLTAGE
1 120V
7 277V
U Universal 120 - 277V

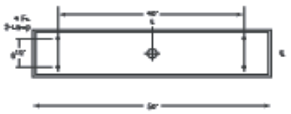
GENERAL OPTIONS
TP Tamper-proof screws
EM Emergency Pack
PC Polycarbonate Lens (Standard)

Consult Factory for lamp options or additional specification requirements not shown.

electrical

- Neoprene gasketed enclosure
- 120 Volt Class "P" ballast is standard, consult ordering guide for additional options available
- All electrical components are U.L. listed





standard ordering information / option availability

MODEL#	LAMP TYPE	A LENGTH	B WIDTH	C DEPTH	1	7	E8	M2	EM	TP	U
VP254HO	F54T5HO	50 1/4"	8 1/4"	3 1/2"							•
VP240	F40T12	50 1/4"	8 1/4"	3 1/2"	STD	•		•	•	•	
VP232	F32T8	50 1/4"	8 1/4"	3 1/2"	STD	• •	STD		•	•	

• ••Consult Factory STD Standard • Available option

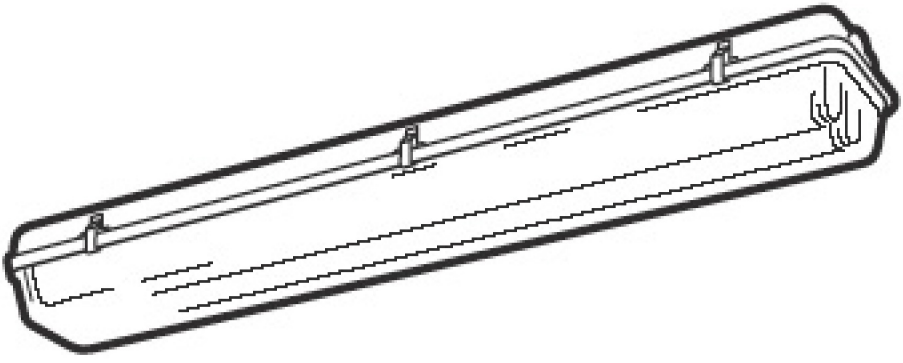
- U.L. listed for damp locations

Edsun LIGHTING 569 W 17 St., Hialeah, FL 33010-2412 PH.: 305-888-8849
Fax (305) 883-0005 • www.edsunlighting.com

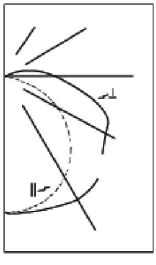
EDSUN LIGHTING FIXTURE Mfg

"VT"

Vaportite



PHOTOMETRICS



VT2-296T8-DR-WL
Energy Saving Ballast

F96T8/SPX35 Lamps
5950 Lumens

Spacing criterion: (II) 1.3 x mounting height, (⊥) 1.6 x mounting height

Efficiency 76.5%

Test Report: VT2296T8D

LER = FI-77

Yearly Cost of 1000 lumens, 3000 hrs at .08 KWH = $3.12

Coefficients of Utilization

	Effective floor cavity reflectance																			
rc	80%				70%				50%			30%			10%			0%		
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR																				
0	90	90	90	90	87	87	87	87	82	82	82	77	77	77	73	73	73	71		
1	79	75	71	67	77	72	69	65	68	65	62	64	61	59	60	58	56	54		
2	71	64	58	52	69	62	56	51	58	53	49	55	51	47	51	48	45	43		
3	64	55	48	42	62	53	47	41	50	45	40	47	43	39	44	41	37	35		
4	58	48	41	35	56	47	40	34	44	38	33	42	36	32	39	35	31	29		
5	53	43	35	30	51	41	34	29	39	33	28	37	32	27	35	30	27	25		
6	49	38	31	25	47	37	30	25	35	29	24	33	28	24	31	27	23	21		
7	45	34	27	22	44	33	27	22	32	26	21	30	25	21	29	24	20	19		
8	42	31	24	20	41	30	24	19	29	23	19	27	22	18	26	21	18	16		
9	39	29	22	17	38	28	22	17	27	21	17	25	20	16	24	19	16	15		
10	37	26	20	16	36	26	20	16	24	19	15	23	18	15	22	18	15	13		

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1681	14.1	18.5
0-40	2870	24.1	31.5
0-60	5544	46.6	60.9
0-90	8432	70.9	92.6
90-180	675	5.7	7.4
0-180	9107	76.5	100.0

Candela

Angle	Along II	45°	Across ⊥
0	2048	2048	2048
10	2029	2024	2076
20	1930	1987	2107
30	1765	1943	2147
40	1535	1854	2093
50	1231	1664	1920
60	845	1398	1749
70	460	1228	1572
80	176	871	1118
90	28	489	741
100	28	254	466
110	14	93	216
120	7	54	55
130	5	36	49
140	6	17	35
150	5	7	17
160	5	4	6
170	3	3	3
180	0	0	0

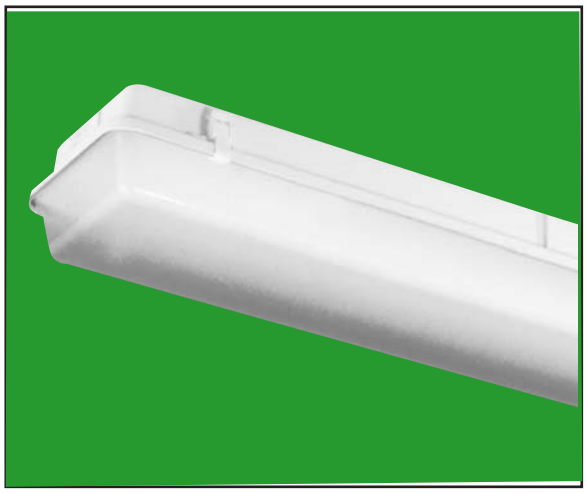
NSF

EDSUN LIGHTING FIXTURE Mfg *Committed to Quality !*

Fluorescent & HID Manufacturer

"VT" Series
Gasketed Enclosure

VT Series
For Wet and Damp Locations



VT Series

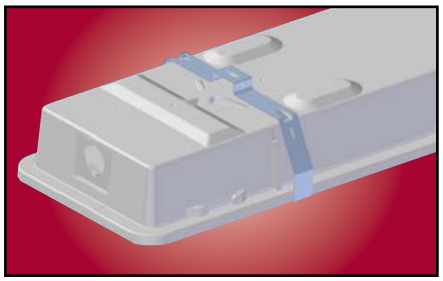
Description

Gasketed Enclosures are dust and moisture resistant and require the installation of a striplight or channel type lighting fixture. The enclosures are composed of a fiberglass body and a high impact acrylic / DR crepe pattern diffuser positioned into the continuous gasketed upper body slot and securely held in place by celcon retaining latches that assure a continuous .

By installing a U.L. listed fluorescent strip light or channel type lighting fixture into the "VT Series" Gasketed Enclosure and submitting the entire unit to Underwriters Laboratories, a U.L. Listed fixture suitable for use in wet or damp locations can be realized.

PerfSeal

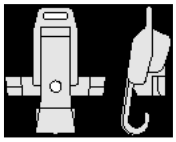
Edsun's new PerfSeal gasketing offers unprecedented resistance to water absorption. PerfSeal gasketing tested 100% moisture free after 144 hours of submersion as compared to conventional foam gasketing where complete saturation is reached within 1 hour.



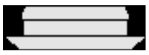
Bracket

Bracket for Vapor Tight Fixtures

Edsun Lighting offers a new bracket system for the VT vapor tight enclosures. This versatile new bracket is revolutionary in its simplicity. Vandal proof latches are available upon request.



LATCHES



"END PLUG"

"WET HUB"

VT Series

-VT 220
Shallow enclosure is available in 2' length only and will accept 1 or 2 lamp, rapid start fluorescent fixtures.
-VT 240, VT 248 and VT 296
Deep enclosure will accept 1 or 2 lamp, rapid start, high output or slimline type fluorescent fixtures.

"PerfSeal"

Catalog No.	Description
Complete Units	
VT 220	4' Shallow Housing, High Impact Acrylic/DR Diffuser, Latches and End Plugs
VT 240, VT248&HO	4' Deep Housing, High Impact Acrylic/DR Diffuser, Latches and End Plugs
VT 296&HO	8' Deep Housing, High Impact Acrylic/DR Diffuser, Latches and End Plugs
Replacement Diffusers	
VT220LENS	2' Shallow High Impact Acrylic/DR Clear Crepe Diffuser 6-5/8"W x 26"L X 5-3/16"H
VT240LENS	4' Deep High Impact Acrylic/DR Clear Crepe Diffuser 7-5/8"W x 49-13/16"L, (or) 52"L 5-5/8"H
VT296LENS	8' Deep High Impact Acrylic/DR Clear Crepe Diffuser 7-5/8"W x 97-13/16"L, (or) 102-1/16"L 5-5/8"H

Note: Extra LCW White latches and FEPW white end plugs are available upon request. Polycarbonte latches and tamper proof latches are also available. Replacement diffusers are available. Contact Edsun. with requirements.

Deep Diffusers are 1" deeper than shallow.

EDSUN LIGHTING FIXTURE Mfg

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Some Products are Subject to Special Ordering Requirements, Consult Factory

CATALOG NUMBER	TYPE
VT220, VT240,VT248,VT248HO,VT296,VT2240,VT296HO	Magnetic or electronic

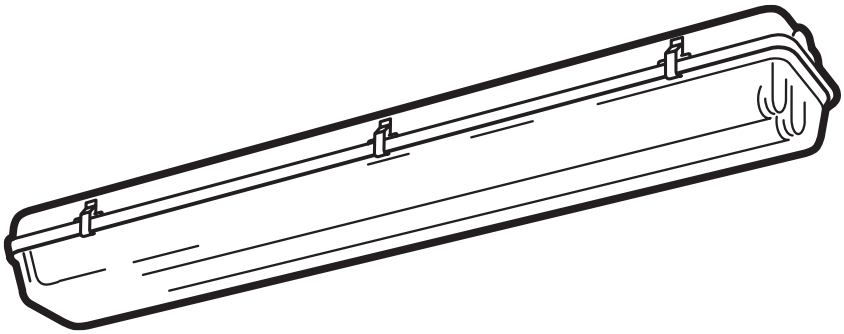
EdsunLighting
Fixture Manufacturing
Hialeah, FL 33010

"VT"

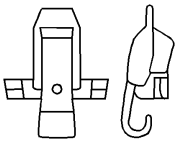
(Vapor Tite)

Enclosed Wet Location

2',4', 8', 8' Tandem



Ceiling or wall mounted applications



Celcon latches, standard

Housing: Rigid, one-piece (ASTM D635-74) reinforced polyester fiberglass, accepted by NSF and USDA. Robotically applied gasketing – 98% compression recovery, no seams, no porosity – forms moisture seal to diffuser. Celcon latches standard.

Shielding: D.R. acrylic diffuser or optional polycarbonate.

Options: Polycarbonate lens, stainless steel latches, low temperature ballast and wet location fittings. Damp location emergency ballast available.

Electrical: Fully wired for 120V, 60Hz AC operation, thermally protected, automatic resetting, Class P, sound rated A, high-power factor ballast, unless otherwise specified. Slimline shall be sound rated C. High Output shall be sound rated B. Electronic T8 shall be instant start, <20% harmonic distortion standard, specify suffix UNV for <10% harmonic distortion. Specify suffix UNV for universal voltage, 120 through 277V, 50/60Hz AC operation, Electronic T8 only. UL listed, wet wall or ceiling mount.

Mounting: Surface or pendant mount, individual or continuous row.

WET Fitting for use with water tight conduit, field installed. One each.

Critical Application: EDSUN strives to offer the most current product designs and value. Consequently, all Edsun products are subject to redesign and revision. Critical applications such as size, operating temperature, or sensor operation should be confirmed with the factory.

FEATURES AND BENEFITS

Clear acrylic lens with DR; optional polycarbonate	• Sturdy, durable construction
Fully gasketed housing	• Provides a degree of resistance to corrosive atmospheres, non-hazardous dust environments and to water spray, splashing water or where hose downs frequently occur
Surface or pendant mount; individual, tandem or continuous row	• Flexible mounting options

ORDERING INFORMATION

Example:VT296HO

VT

LENS	# LAMPS	LAMPS	OPTION	BALLAST	SPECIAL FEATURE	VOLTAGE
VT - 15%** D.R. Crepe/ Stipple lens	1 - Single 2 - Double Tandem: Tandem, two lamps Tandem, four lamps	32 - 32W 48" T8 40 - 40W 48" T12 48 - 48" HO 96 - 96" Slimline 54-1-2)F54T2HO	EMG Battery Packs Two LP 2' - 8' Two LP 2' - 8' One LP 2' - 4' 1-2lamp 4'T5HO	- Electronic T8 HO - Electronic T8, cold weather 0F - Energy Saving Magnetic T12 HO-T8- High Output T8, +32F* HO-SLH- High Output T12, -20F* HO-LT - High Output, 800mA, -20F* 0 - Cold weather 0F	mounting SS - Stainless steel latch UNV 120-277V	120V 277V UNV - 120-277V

high-impact lens

*HO recommended for use in freezers and cold boxes where maximum temperatures for 4 ft HO < 20F, 8 ft HO-SLH < 40F, 4 ft and 8 ft HO-B11 < 40F.

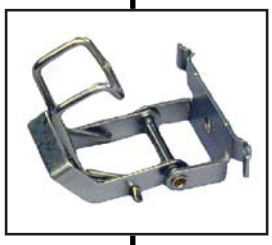
CALL 305-888-8849 • FAX 305-883-0005 • edsunsunlighting@sprynet.com

EDSUN LIGHTING FIXTURE Mfg

Enclosed/Gasket Latches

VT Latch (standard)
Molded Celcon
White Latch
Used for general purpose applications.

The VT Standard Latch, the general purpose latch , enables you to be more selective in your choice of latches for use in your final environment. It should be noted, the VT Latch will be shipped as the standard, unless specified otherwise. Here are other Latch choices that you can choose from.
Special order Only.
LPC - Molded Polycarbonate White Latch Used in acid type atmosphere.
(optional)



VT SS Latch (optional)
Stainless Steel latch
Used where specified or required.

It should be understood that the various use parameters involved in an actual application, e.g., chemical exposure duration, loading, temperature, fatigue, stress relaxation, life expectancy, outdoor exposure,etc., may alter performance significantly.

Therefore the chemical resistance presented should be used only as a general guideline, not as a substitute for an actual product performance testing program.

Applications

Food Processing Facilities
Kitchens
Parking Garages
Car Washes
Schools
Government Facilities
Industrial Facilities
Public Areas

Approvals and/or Listings

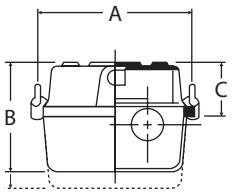
Underwriters Laboratories
NSF International
U.S. Department of Agriculture
Canadian Standards Association

"VT" SERIES DATA

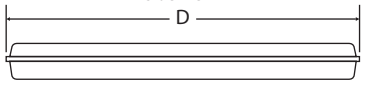
VT Dimensions

Cat No.	A	B	C	D
VT 240	7-5/8"	5-5/8"	3"	49-13/16"
Cat No.	A	B	C	D
VT 248	7-5/8"	5-5/8"	3"	49-13/16"
Cat No.	A	B	C	D
VT 296	7-5/8"	5-5/8"	3"	97-13/16"

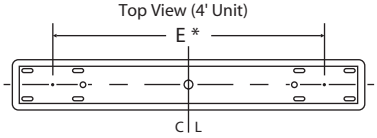
End View
& Section



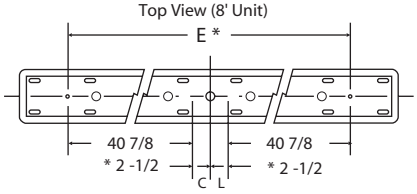
Side View



Top View (4' Unit)



Top View (8' Unit)



* = Stud Location

Features:

STRUCTURALLY RIGID FIBERGLASS BODY
Body is fiberglass reinforced polyester and self-extinguishing (ASTMD635-74). This type of construction does not allow the body to flex during handling and installation.

GASKETED DIFFUSER RETENTION SLOT
The gasketed inverted U-slot provides a positive continuous seal between body and diffuser.

BRASS FIXTURE MOUNTING STUD
The fixture studs are integrally molded into the body to facilitate lighting fixture installation.

HIGH IMPACT ACRYLIC/DR DIFFUSER
Internal crepe pattern allows a smooth exterior surface for ease of cleaning.

DIFFUSER
The diffuser flange fits snugly into the gasketed retention slot forming a continuous seal.

For Customer Support and Service Contact us at:
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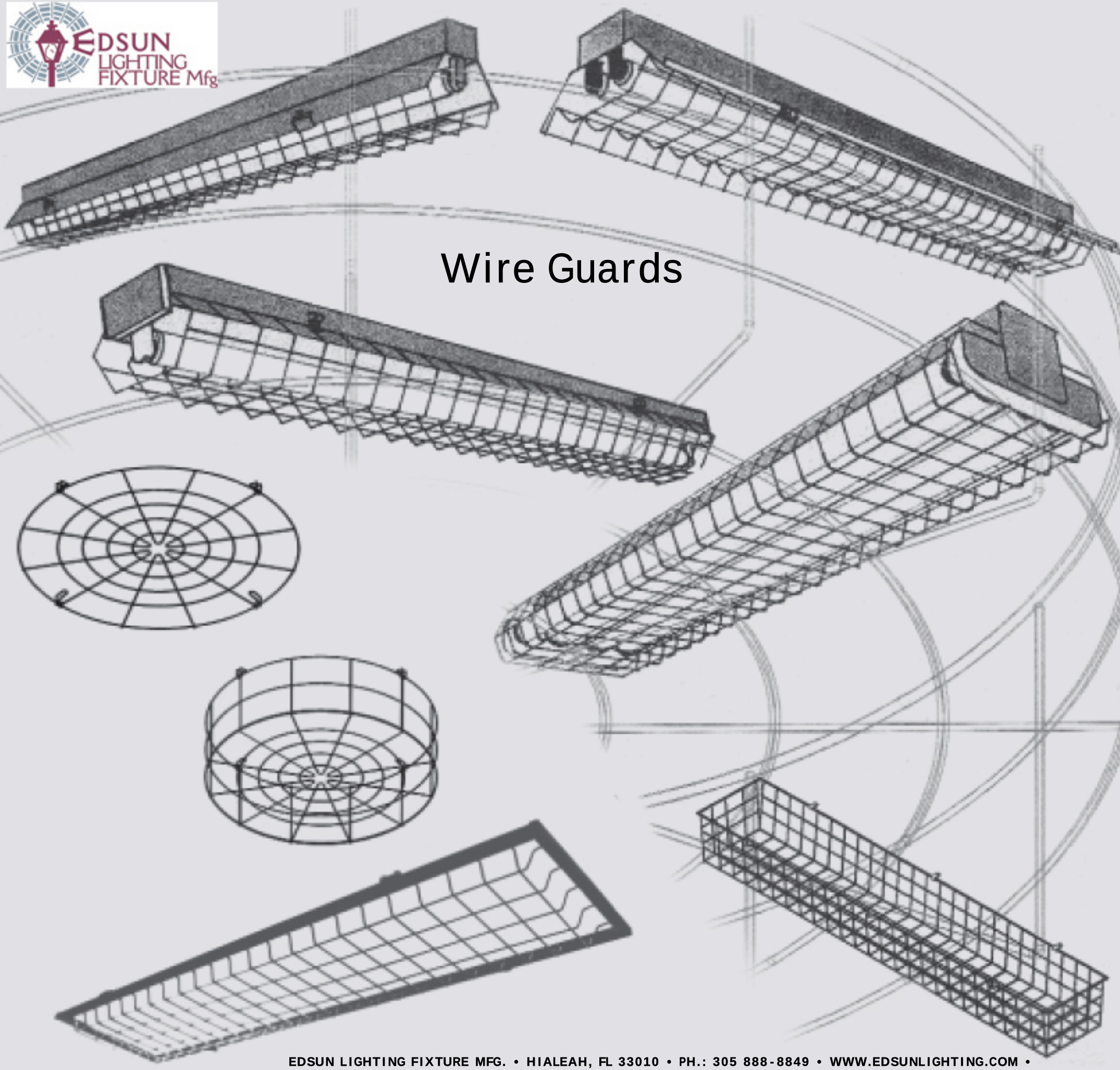
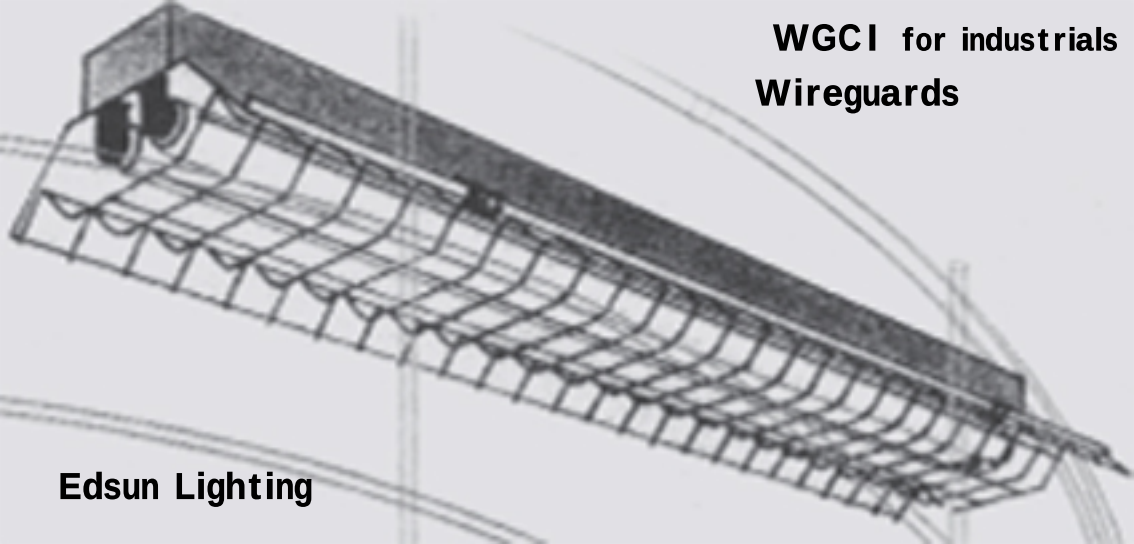
569 W. 17 St., Hialeah, FL 33010-2412 USA

EDSUN LIGHTING FIXTURE Mfg

Wire Guards



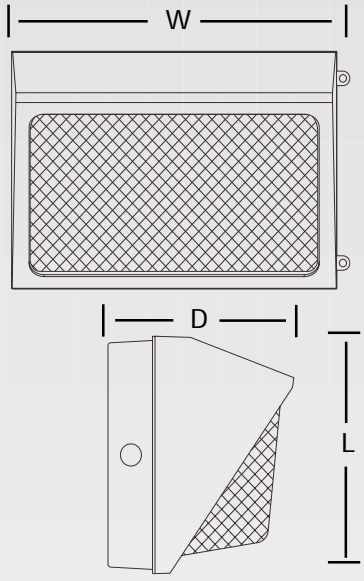

WGCI for industrials
Wireguards
Edsun Lighting

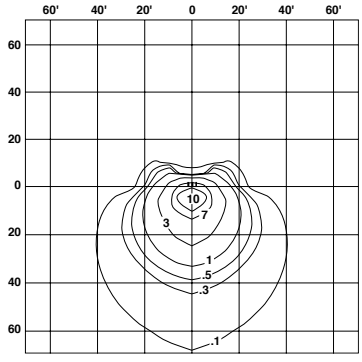
WP Series
13" Wall Pack

EDSUN LIGHTING FIXTURE MNFG. Hialeah, FL 33010

40°C Ambient Rated

Dimensions	Fixture Length	Fixture Width	Fixture Depth	Approx. Ship Wt. LBS
WP Series	9"	13"	7.5"	15





175W MH Wall Pack at 15' mounting height.

MH-175 Watt/Clear
Mounting Height: 15'
Number of Fixtures: 2
Lamp Lumens: 12,800

Designed for 12 to 18 foot mounting heights, the WP wall pack efficiently lights walkways, building exteriors, loading docks, bridges and most security areas with a wide distribution of light.

Access/Wiring
The side-hinged door opens easily with the removal of only two stainless steel screws to provide easy access to internal components. Wiring options are: 4" recessed box or (2)1/2" conduit entries for surface mounting plus an additional 1/2" opening for optional photocell.

Ballast
All metal halide luminaires utilize a multi-tap HX or CWA HPF ballast. HPS fixtures can be ordered with a multi-tap HX HPF ballast as an option. 120V HPS ballasts use reactor NPF ballasts.

Housing/Refractor
The bronze die-cast aluminum housing, thick prismatic glass refractor and stainless steel hardware combine to make the WP resistant to weather and vandalism.

Gaskets
Both the door and prismatic glass lens utilize weather-proof silicone gasketing to seal out contaminants.

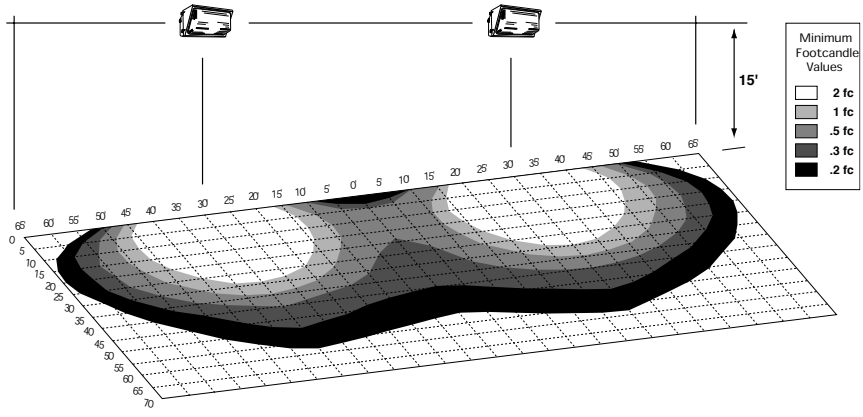
Lamps
The WP luminaire uses a medium base metal halide lamp, (70-175W) or a medium base HPS lamps (50-150W).

Mounting
The recommended wall mounting height is 12'–18'.

Warranty
The WP Wall Pack sold by Edsun Lighting, unless otherwise specified, will be warranted to be free of defects in materials and workmanship under normal use and service for for a period of Two (2) years from date of shipment, 175W-1000W. Lower wattages will be warranted for (2) years. If found to be defective by us, we will replace the non-performing components.

The WP Series photometric data is based on a 175 watt clear MH lamp rated at 12,800 lamp lumens. Footcandle values for other wattages are obtained by multiplying the chart values by the following factors:

Lamp/Wattage	Factor	Lamp/Wattage	Factor
150W MH	.90	100W HPS	.71
100W MH	.58	70W HPS	.47
70W MH	.31	50W HPS	.30
		150W HPS	1.0

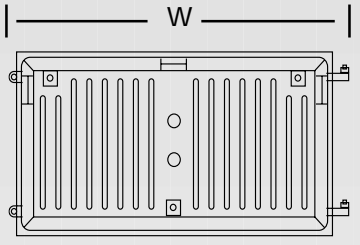


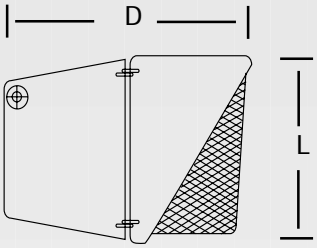
WP Series – 18" Wall Pack

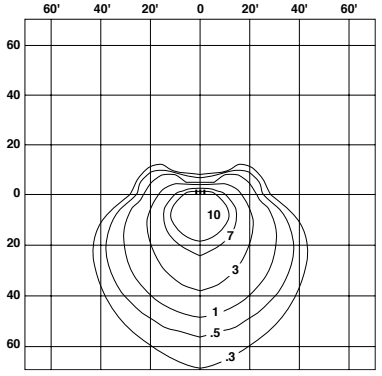
Edsun Lighting Fixture Mnfg., Hialeah, FL 33010

40°C Ambient Rated

Dimensions	Fixture Length	Fixture Width	Fixture Depth	Approx. Ship Wt. LBS
WP Series	9"	18"	13"	26







400W MH Wall Pack at 20' mounting height.

Designed for 18-24 foot mounting heights, the WP delivers high light levels over a very large area for offices, schools, shopping complexes, garages and walkways.

Access/Wiring

The side hinged door opens easily with the removal of only two stainless steel screws to provide easy access to internal components. Wiring options: (2) 1/2" conduit entries on side.

Ballast

All sizes are supplied with a CWA-HPF multi-tap ballast (except 480V).

Housing/Refractor

The bronze die-cast aluminum housing, thick prismatic glass refractor and stainless steel hardware combine to make the WP resistant to weather and vandalism.

Gaskets

Both the door and prismatic glass lens utilize weather proof silicone gasketing to seal out contaminants.

Lamps

The WP luminaire uses mogul base metal halide lamps, (175-400W) and HPS (250-400W) lamps.

Mounting

The recommended wall mounting height is 18'–24'.
2) Rear 1/2" conduit holes access with drill holes for mounting.

Warranty

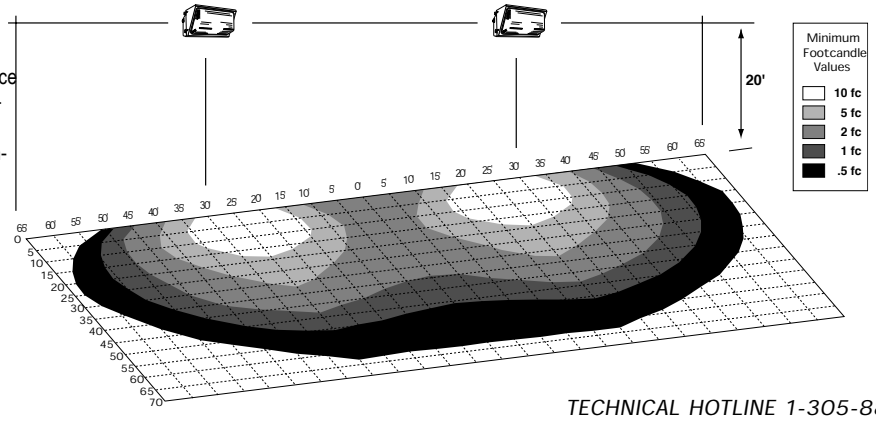
The WP Wall Pack sold by Edsun Lighting, unless otherwise specified, will be warranted to be free of defects in materials and workmanship under normal use and service for a period of two (2) years from date of shipment, 175W-1000W. Lower wattages will be warrented for (2) years. If found to be defective by us, we will replace the non-performing components.

MH-400 Watt/Clear

Mounting Height: 20'
Number of Fixtures: 2
Lamp Lumens: 32,000

The WP Series photometric data is based on a 400 watt clear MH lamp rated at 32,000 lamp lumens. Footcandle values for other wattages are obtained by multiplying the chart values by the following factors:

Lamp/Wattage	Factor	Lamp/Wattage	Factor
400W MH	1.00	400W HPS	1.56
250W MH	.63	250W HPS	.91



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