

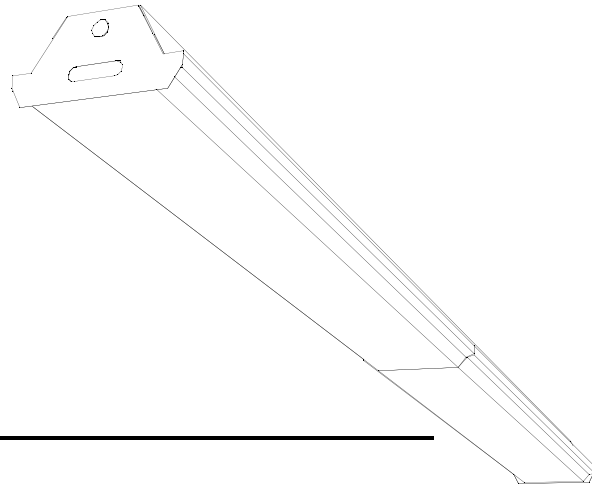
Features

Ideal for Manufacturing Facilities and Warehouses

Superior Light Quality and Distribution

Rigid, Four-Bend Press-Brake Formed Body

Endplates embossed for strength and securely fastened with rivets



Technical Data

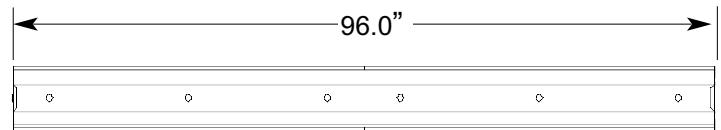
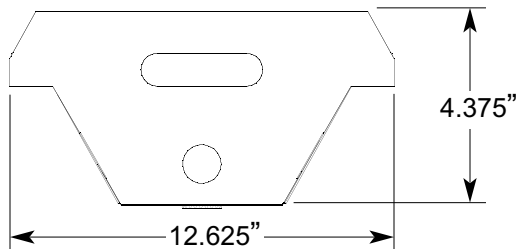
Housing: 20ga. (0.032") pre-painted die formed steel with sufficient knockouts for mounting and electrical supply.

Finish: All cold rolled steel parts are painted with a smooth, glossy, highly reflective white paint.

Reflector: Can be ordered with a 95% specular, a 85% specular, or a 92% diffuse white enamel. Substrate is 0.020" high quality aluminum. The reflector profile is optimized using computer analysis and manufactured using state of the art CNC equipment. A protective premask is applied to all reflective surfaces prior to manufacture.

Construction: The solid four-bend body provides added rigidity. The endplates are securely attached to the fixture body with rivets. The socket bars are attached with a tab-lock system, allowing ease of maintenance. The reflectors are attached to the socket bars with quarter-turn fasteners. No tools are required for reflector installation and removal.

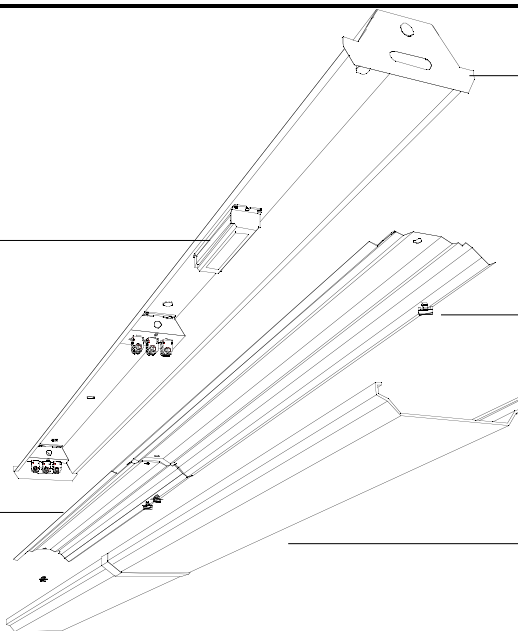
Installation



Highlights

Electronic ballasts available in both standard and high lumen versions

Computer designed, CNC formed 0.020" specular aluminum reflector



Embossed endplate securely fastened with rivets

Quarter-turn fasteners allow tool-free ballast access

Clear acrylic lens uniformly distributes the light

Photometrics

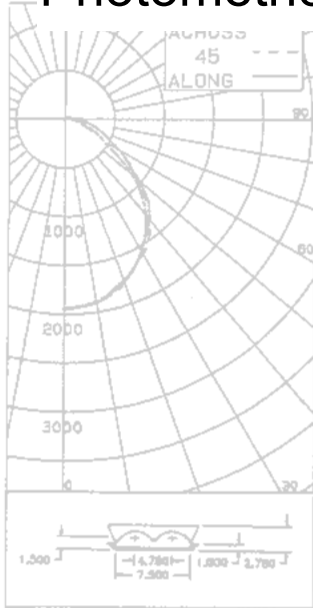


LSI Laboratories Inc
7820 E. Evans Road
Scottsdale, Arizona 85260 USA
Tel: 602-948-5782 • Fax: 602-991-0375

CERTIFIED TEST REPORT NO. LS112436

ENERGY SOLUTIONS CATALOG #LSWRP03PM 1' x 4' WRAPPED FINISH
WITH SPECULAR REFLECTOR
TWO 3000 400 10 WATT FLUORESCENT LAMPS LUMEN BALLAST - 277V 120

Photometrics not yet available



ANGLE	ALONG	45	67.5	ACROSS	LUMENS
0	1944	1944	1944	1944	1944
5	1924	1927	1933	1938	1931
15	1840	1841	1860	1844	1831
25	1675	1692	1674	1680	1668
35	1427	1468	1487	1445	1440
45	1094	1164	1159	1172	1199
55	628	751	790	753	773
65	239	392	484	518	490
75	170	219	310	329	319
85	55	109	151	168	176
90	1	44	86	102	100
95	0	30	66	75	74
105	0	12	39	44	45
115	1	6	24	31	33
125	2	6	14	21	25
135	2	5	9	11	14
145	3	4	7	8	9
155	5	4	6	7	8
165	5	5	5	4	5
175	4	4	5	4	6
180	4	4	4	4	4

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1476	25.46	29.58
0-40	2385	41.14	47.38
0-60	3944	68.00	79.29
0-90	4837	85.41	97.25
40-90	2451	42.37	47.29
60-90	893	15.40	17.96
30-180	136	2.36	2.75
0-180	9374	85.77	100.00

** EFFICIENCY = 85.8% **

LUMINANCE SUMMARY - CD./SQ.M.

SCMH = 1.5
SD = 1.2

ANGLE	ALONG	45	ACROSS
25	6670	6470	6463
35	4710	5240	4890
45	3451	3136	3895
75	2530	3821	3556
75	4705	3595	3460

CERTIFIED BY: *Tom Linn* DATE: APR 25, 1996
PREPARED FOR: ENERGY SOLUTIONS INC.
ST. PAUL, MN

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

Ordering Information

Part Number = Fixture Size + Reflector Material + # Lamps + Lamp Wattage + Voltage + Ballast Type + Options

(Example F-18WPEA632277N = 1'x8' HP Wrap with an enhanced aluminum reflector, 6-32W lamps, 277 volts, and a standard power ballast)

Size	Reflector	# Lamps	Lamp Watts	Voltage	Ballast
F-14WP - 1' x 4'	EA - Enhanced Alum	3	32	120	N - Normal
F-18WP - 1' x 8'	AA - Anodized Alum	6	54	277	H - High Ballast Factor
	WR - White Enamel			UNV	L - Low Ballast Factor
				480	