

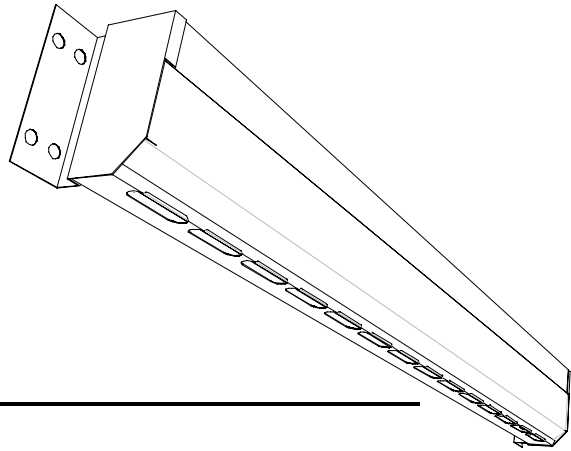
Features

Designed to provide uniform illumination

Offset end brackets designed to allow mounting over electrical conduit, obstructions, and conveyor line bolts

Rigid, Three-Bend Press-Brake Formed Body

Fixture body slotted to provide additional down-light



Technical Data

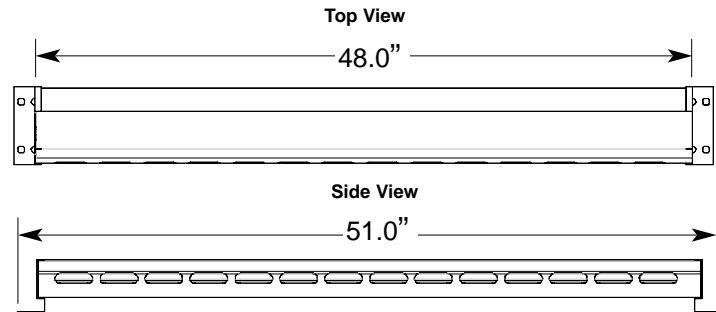
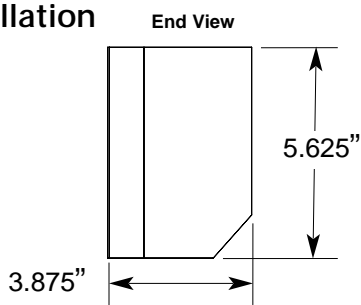
Housing: 20ga. (0.036") pre-painted die formed with sufficient knockouts for mounting and electrical supply.

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 three-bend body provides added rigidity. The endplates are securely attached to the fixture body with rivets. The socket bars are attached with a stud/nut 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. The lens attaches to the reflector with a compression fit.

Installation



Highlights

Fixture body slotted to provide additional down-light

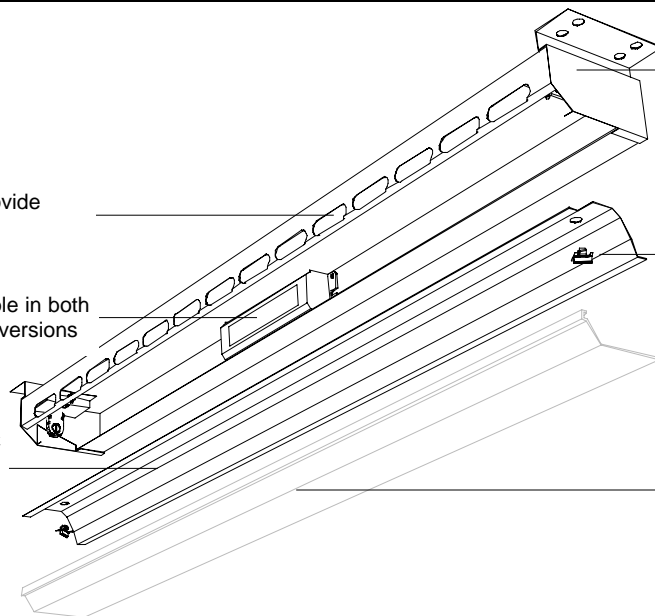
Electronic ballasts available in both standard and high lumen versions

Computer designed, CNC formed 0.020" specular aluminum reflector

Endplate securely fastened with rivets

Quarter-turn fasteners allow tool-free ballast access

Clear acrylic lens uniformly distributes the light



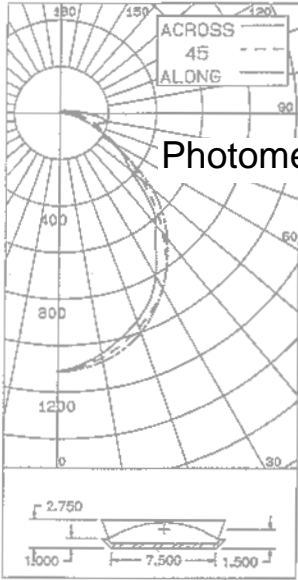
Photometrics



LSI Laboratories Inc.
7650 E. Evans Road
Scottsdale, Arizona 85280 USA
Tel: 602-948-5782 • Fax: 602-991-0375

CERTIFIED TEST REPORT NO. LSI12485

ENERGY SOLUTIONS CATALOG #LSSWRAP01PM 1 X 4 WRAPPED FIXTURE
WITH SPECULAR REFLECTOR
ONE FO32/41K 32 WATT FLUORESCENT LAMP. LUMEN RATING = 2900 LMS.
ENERGY SAVINGS ES-1-T8-32-120-A BALLAST OPERATING AT 120 VAC & 32 WATTS



CANDLEPOWER SUMMARY		OUTPUT LUMENS	
ANGLE	ALONG	45	67.5 ACROSS
0	1110	1110	1110
5	1103	1102	1095
15	1048	1042	1026
25	941	951	929
35	788	836	783
45	600	644	600
55	400	444	400
65	200	244	200
75	96	101	96
85	30	49	30
90	1	19	1
95	0	16	0
105	0	9	0
115	0	3	0
125	1	4	1
135	2	4	2
145	3	2	3
155	3	4	3
165	3	3	3
175	4	1	3
180	6	6	6

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	818	28.22	31.64
0-40	1298	44.79	50.23
0-60	2044	70.48	79.04
0-90	2478	85.45	95.82
40-90	1179	40.66	45.60
60-90	434	14.97	16.78
90-180	108	3.72	4.18
0-180	2586	89.18	100.00

Photometrics not yet available for this product

LUMINANCE SUMMARY - CD./SQ.M.

ANGLE	ALONG	45	ACROSS
45	3709	3120	2782
55	2531	2217	2051
65	1924	1711	1475
75	1597	1584	1886
85	1489	1972	3149

S/MH = 1.1
SC(ALONG) = 1.2, SC(ACROSS) = 1.1

CERTIFIED BY: *Tom Levin* DATE: APR 24, 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 14MWEA132277N = 1'x4' Mini Wrap with an enhanced aluminum reflector, 1-32W lamps, 277 volts, and a standard power ballast)

Size 14MW - 1' x 4'	Reflector EA - Enhanced Alum AA - Anodized Alum WR - White Enamel SF - Silver Film	# Lamps 1	Lamp Watts 32	Voltage 120 277	Ballast N - Normal H - High Ballast Factor L - Low Ballast Factor
-------------------------------	---	---------------------	-------------------------	------------------------------	---