

# JK LIGHTING SYSTEMS

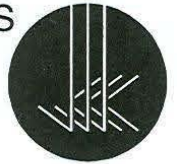
NEW FLUORESCENT LIGHTING FIXTURES AND CONVERSIONS



P.O BOX 8867  
STOCKTON, CA 95208  
(209) 464-7539



1707 EL PINAL  
STOCKTON, CA 95205  
FAX (209) 464-8656



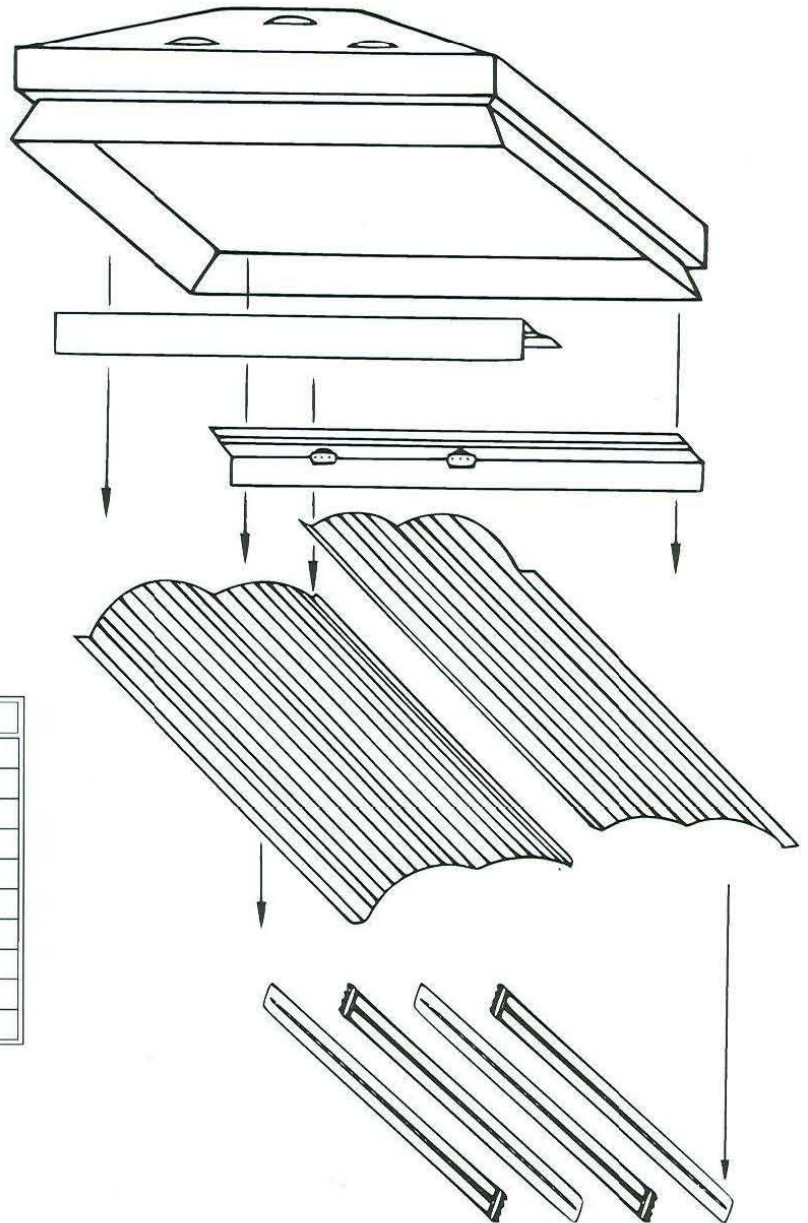
## JK Super Light Series

Pendant Hung

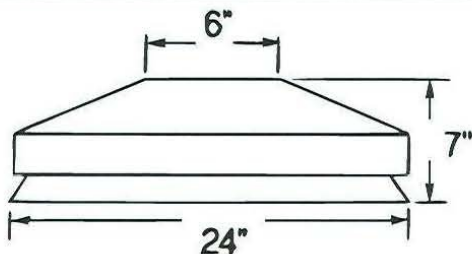
For High Bay Low Bay Application

### GENERAL DESCRIPTION

- ☆ Super Light is a energy saving replacement for 175 to 400 watt HID or florescent strip fixture in numerous applications.
- ☆ Super Light is designed with 2, 3, 4, 5, or 6 lamps. Fixtures can be ordered for 120 volt or 277 volt installations.
- ☆ Super Light reduces energy cost, yet still provides an efficient quantity and quality of light, suitable where ceiling hieghts are 30 feet or less.
- ☆ For greater energy saving each fixture can be selectively switched, utilizing number of lamps depending on lighting needs.



CATALOG #	LAMPS	WATTAGE
JK SUPER-PL-240	2	40
JK SUPER-PL-340	3	40
JK SUPER-PL-440	4	40
JK SUPER-PL-540	5	40
JK SUPER-PL-640	6	40
JK SUPER-PL-255	2	55
JK SUPER-PL-355	3	55
JK SUPER-PL-455	4	55
JK SUPER-PL-555	5	55
JK SUPER-PL-655	6	55





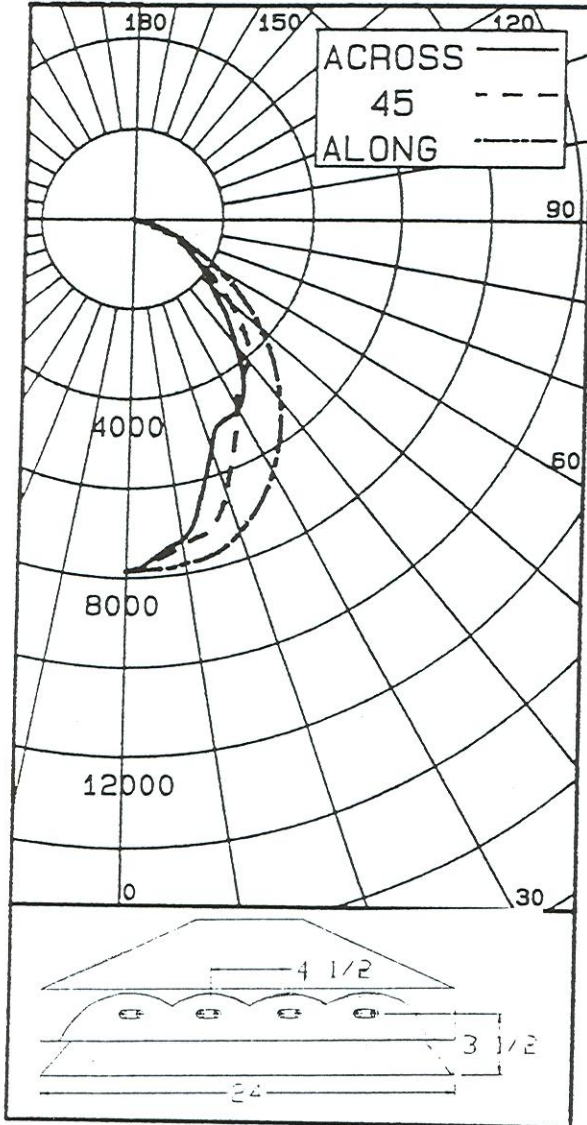
# LSI Laboratories

Independent Testing Since 1979

LSI Laboratories Inc.  
7830 E. Evans Road  
Scottsdale, Arizona 85260 USA  
Tel: 602-948-5782 • Fax: 602-991-0375

CERTIFIED TEST REPORT NO. LSI13556

J K LIGHTING FLUORESCENT INDOOR LUMINAIRE CAT. NO. JK-SUPER-455-P  
WITH SPECULAR REFLECTORS AND NO LENS  
FOUR OSRAM DULUX L 55W/4100K 55 WATT BIAX LAMPS. LUMEN RATING = 19200 LMS.  
TWO SYLVANIA QT 2X55/120 IS BALLASTS OPERATING AT 120 VAC AND 210 WATTS



### CANDLEPOWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	7835	7835	7835	7835	7835	
5	7814	7750	7625	7566	7557	734
10	7767	7585	7342	7275	7240	
15	7699	7364	7164	6718	6403	1966
20	7404	6958	6491	5765	5446	
25	6986	6504	5585	5038	4932	2671
30	6475	5945	4814	4891	4858	
35	5887	5197	4364	4667	4440	3004
40	5219	4357	4111	3992	3634	
45	4520	3579	3597	3212	2985	2714
50	3780	2892	2852	2504	2300	
55	3020	2362	2169	2041	1919	2015
60	2241	1885	1540	1588	1475	
65	1498	1299	1145	1252	1327	1267
70	825	741	756	1053	1032	
75	265	370	507	608	654	500
80	41	75	153	125	54	
85	0	0	0	0	0	16
90	0	0	0	0	0	

### ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	5371	27.97	36.08
0-40	8374	43.62	56.26
0-60	13103	68.25	88.02
0-90	14886	77.53	100.00
40-90	6511	33.92	43.74
60-90	1782	9.29	11.98
90-180	0	.00	.00
0-180	14886	77.53	100.00

\*\* EFFICIENCY = 77.5% \*\*

### LUMINANCE SUMMARY - CD./SQ.M.

ANGLE	ALONG	45	ACROSS
45	17202	13739	11403
55	14169	10213	9037
65	9537	7313	8483
75	2750	5277	6825
85	0	0	0

S/MH = .8  
SC (ALONG) = 1.2, SC (ACROSS) = .8

CERTIFIED BY:

*James E. Walker III*

DATE:  
MAY 7, 1998

PREPARED FOR:

J K LIGHTING SYSTEMS  
STOCKTON, CA

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



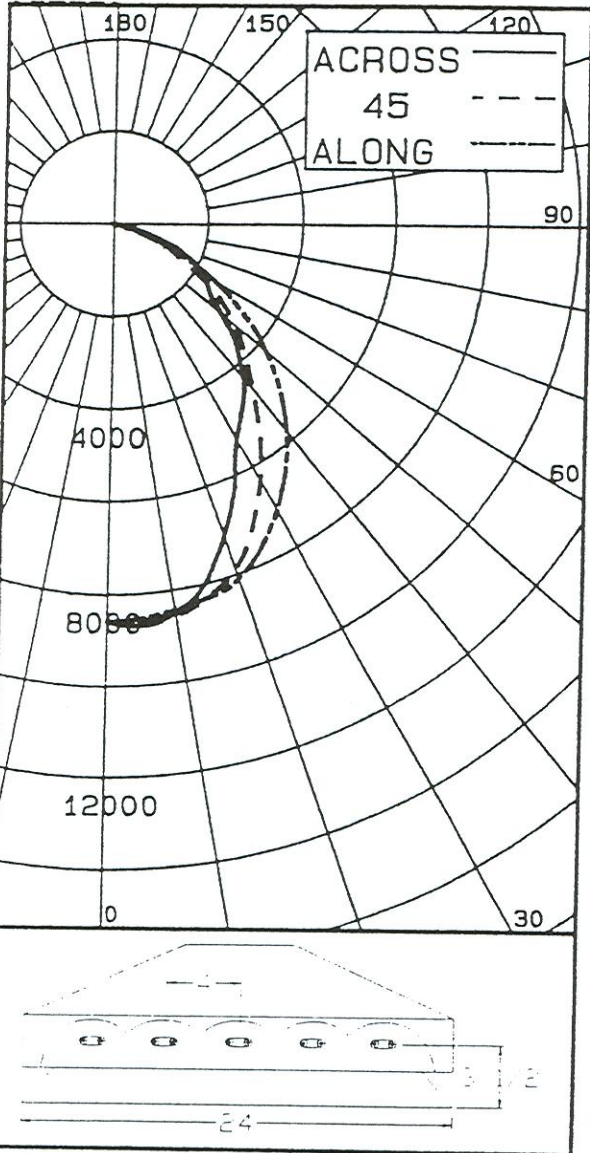
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CERTIFIED TEST REPORT NO. LSI13557

J K LIGHTING FLUORESCENT INDOOR LUMINAIRE CAT. NO. JK-SUPER-555-P  
WITH SPECULAR REFLECTORS AND NO LENS  
FIVE OSRAM DULUX L 55W/4100K 55 WATT BIAX LAMPS. LUMEN RATING = 24000 LMS  
THREE SYLVANIA QT 2X55/120 IS BALLASTS OPERATING AT 120 VAC AND 275 WATTS



### CANDLEPOWER SUMMARY

ANGLE	ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	8554	8554	8554	8554	8554	
5	8516	8553	8565	8600	8664	828
10	8411	8472	8532	8488	8462	
15	8287	8353	8271	8052	7984	2302
20	8079	8170	7870	7339	7124	
25	7639	7697	7155	6586	6238	3246
30	7088	7068	6342	5709	5329	
35	6459	6355	5451	5040	4813	3508
40	5764	5579	4594	4534	4316	
45	5000	4698	3932	3919	3687	3247
50	4201	3788	3334	3236	2945	
55	3375	2921	2695	2487	2444	2476
60	2535	2132	1946	2135	2198	
65	1718	1473	1429	1822	1839	1609
70	966	925	1107	1321	1412	
75	328	427	626	804	867	666
80	41	81	195	274	317	
85	0	0	0	14	23	47
90	0	0	0	0	0	

### ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	6375	26.57	35.56
0-40	9883	41.18	55.13
0-60	15606	65.03	87.05
0-90	17929	74.70	100.00
40-90	8045	33.52	44.87
60-90	2322	9.68	12.95
90-180	0	.00	.00
0-180	17929	74.70	100.00

\*\* EFFICIENCY = 74.7% \*\*

### LUMINANCE SUMMARY - CD./SQ.M.

ANGLE	ALONG	45	ACROSS
45	19029	15022	14086
55	15833	12692	11512
65	10937	9129	11753
75	3405	6519	9050
85	0	0	725

S/MH = 1.0  
SC (ALONG) = 1.2, SC (ACROSS) = 1.0

CERTIFIED BY:

*James E. Walker III*

DATE:

MAY 8, 1998

PREPARED FOR:

J K LIGHTING SYSTEMS  
STOCKTON, CA

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

# LIGHTING RESEARCH LABORATORY

## PHOTOMETRIC REPORT

PHOTOMETRIC FILENAME : 7023A.IES



### DESCRIPTION

IESNA:LM-63-1995  
[TEST] 702-3A  
[MANUFAC] JK LIGHTING  
[LUMCAT] JK-SUPER-640-P  
[LUMINAIRE] 24" SQ X 7" DEEP SUSPENSION UNIT W/24" SQ X 4" DEEP  
[MORE] SPECULAR SEGMENTED REFLECTOR. TOTAL WATTAGE = 201  
[LAMPCAT] F40BX/41RS/IS  
[LAMPLUM] 3150

PH 714-771-1312 FAX 714-639-9226

e-mail Irlinc@earthlink.net

### INDOOR REPORT CHARACTERISTICS

Total Rated Lamp Lumens	18900
Total Luminaire Efficiency	89.3 %
CIE Type	Direct
Spacing Criteria (0-180 Degree)	1.2
Spacing Criteria (90-270 Degree)	1.2
Basic Luminous Shape	RECTANGULAR
Luminous Width (90-270 Degree)	2 Feet
Luminous Length (0-180 Degree)	2 Feet
Luminous Height	0 Feet

### LUMINANCE DATA (cd/m<sup>2</sup>)

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	15223	15486	15041
55	12955	13255	12998
65	9593	10242	11890
75	3989	7167	8673
85	864	864	864



The attached report is based on a photometric test by Lighting Research Lab of the luminaire furnished by the client. Unless otherwise stated, all tests are performed in accordance with IES or other applicable standard procedures; are accurate within standard photometric tolerances; and are based on rated performance conditions. LRL assumes no responsibility for applicability of this data to field conditions or to any sample of the luminaire other than the unit tested.