

itl boulder

THE LIGHT CENTER OF THE INDUSTRY SINCE 1955

INDEPENDENT TESTING LABORATORIES, INC.
4066 CAMELOT CIRCLE, LONGMONT, CO 80504 USA

PHONE: (303) 442-1255 • FAX: (970) 535-3114 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com

REPORT NUMBER: ITL84949

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ISSUE DATE: 07/07/15

PREPARED FOR: PARSOURCE

CATALOG NUMBER: COMMERCIALY AVAILABLE LUMINAIRE

LUMINAIRE: EXTRUDED WHITE PAINTED FINNED METAL BALLAST HOUSING WITH FABRICATED WHITE PAINTED FLAT METAL END CAPS, CAST WHITE PAINTED METAL SOCKET BRACKET/REFLECTOR MOUNTING ARM WITH FABRICATED WHITE PAINTED METAL REFLECTOR HOUSING, FABRICATED TEXTURED SPECULAR METAL REFLECTOR WITH FORMED TIERED SEMI-SPECULAR METAL LOWER REFLECTOR INSERT ON EACH SIDE OF LAMP. OPEN SIDES AND BOTTOM.

LAMP: ONE 1000-WATT CLEAR T-10 DOUBLE ENDED HIGH PRESSURE SODIUM, LIGHTS INTERACTION EPAPILLON 1000W EL PLUS, HORIZONTAL POSITION.

BALLAST: LIGHTS INTERACTION EPAPILLON 1000W, BALLAST OUTPUT SETTING TO "1000" FOR THIS TEST.

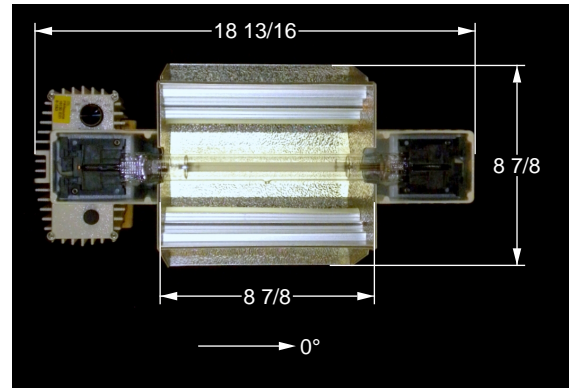
INPUT ELECTRICAL: 240.0 VOLTS, 1024.8 WATTS, 4.29 AMPS

MOUNTING: SUSPENDED

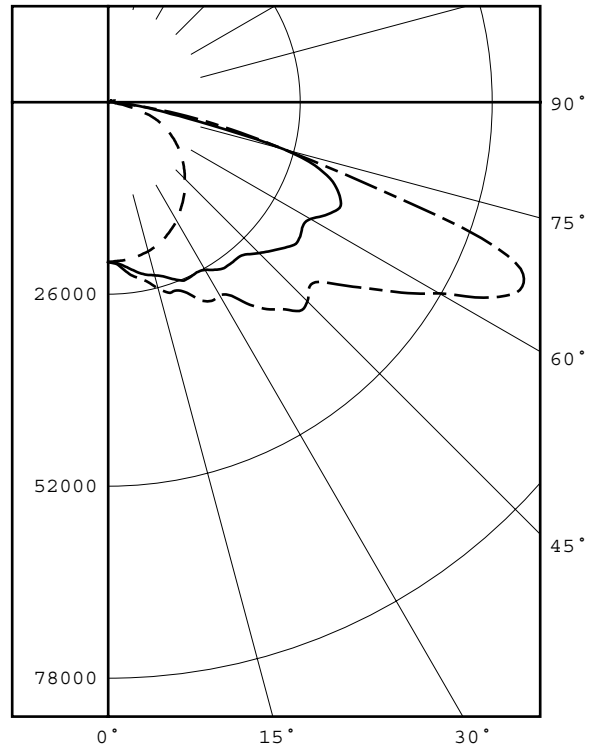
NOTE: THIS IS A RELATIVE PHOTOMETRIC TEST PERFORMED AT RATED INPUT VOLTAGE (240VAC, 60Hz) TO THE BALLAST.

LAMP INFORMATION PROVIDED BY CLIENT.

REPORT IS BASED ON 165000 LUMENS PER LAMP.



CANDELA DISTRIBUTION						FLUX
	0.0	25.0	45.0	65.0	90.0	
0	21642	21642	21642	21642	21642	
5	21523	21822	22164	22519	22652	2146
15	20907	22862	24262	25399	26105	6822
25	19484	22820	26160	28138	29583	11744
35	17274	22464	27401	30922	33497	16672
45	14666	20926	28899	37309	38152	21755
55	11895	20202	31719	39532	44209	26986
65	8846	20208	34320	53172	60999	34462
75	4490	14054	24659	25466	24712	20966
85	450	2806	2556	2055	1926	3232
90	9	1722	902	535	447	
95	1	1639	715	207	123	605
105	0	87	775	237	103	289
115	0	78	71	543	76	124
125	0	75	69	60	64	46
135	0	12	70	73	75	36
145	0	2	25	78	77	23
155	0	0	10	24	24	6
165	0	0	0	2	2	1
175	0	0	0	0	0	0
180	0	0	0	0	0	0



LEGEND:
 0-deg - - - - -
 45-deg = = = = =
 90-deg - - - - -

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	20713	12.6	14.2
0- 40	37385	22.7	25.6
0- 60	86126	52.2	59.0
0- 90	144786	87.7	99.2
90-120	1018	0.6	0.7
90-130	1063	0.6	0.7
90-150	1122	0.7	0.8
90-180	1129	0.7	0.8
0-180	145916	88.4	100.0

TOTAL LUMINAIRE EFFICIENCY = 88.4 %

CIE TYPE - DIRECT

PLANE : 0-DEG 90-DEG

SPACING CRITERIA : 1.27 2.27

Checked M KLOPF
 Approved R BEATTIE
 Lighting Engineer