

# itl boulder

THE LIGHT CENTER OF THE INDUSTRY SINCE 1955

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REPORT NUMBER: ITL84951

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ISSUE DATE: 07/15/15

PREPARED FOR: PARSOURCE

CATALOG NUMBER: COMMERCIALY AVAILABLE LUMINAIRE

LUMINAIRE: FABRICATED WHITE PAINTED METAL BALLAST HOUSING, FABRICATED WHITE PAINTED METAL SOCKET BRACKET/REFLECTOR MOUNTING ARM, FABRICATED PEENED METAL REFLECTOR WITH PREMIUM SPECULAR FINISH. OPEN BOTTOM.

LAMP: ONE 1000-WATT CLEAR T-10 DOUBLE ENDED HIGH PRESSURE SODIUM, "SUPER HPS-1000W", HORIZONTAL POSITION.

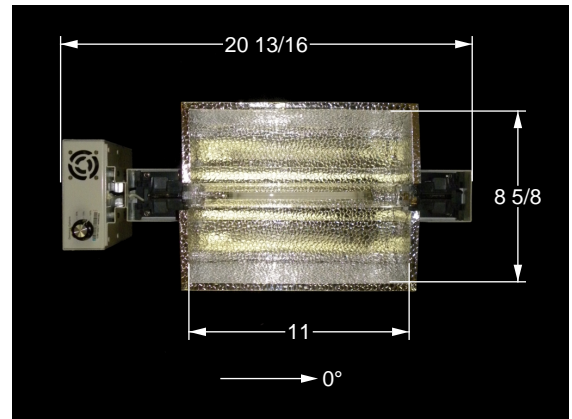
BALLAST: GROWING SYSTEM ES-GS1000/DE, BALLAST OUTPUT SETTING SET TO "100%" FOR THIS TEST.

INPUT ELECTRICAL: 240.0 VOLTS, 987.1 WATTS, 4.20 AMPS

MOUNTING: SUSPENDED

NOTE: THIS IS A RELATIVE PHOTOMETRIC TEST PERFORMED AT RATED INPUT VOLTAGE (240VAC, 60Hz) TO THE BALLAST. UPPER HEMISPHERE LIGHT NOT MEASURED AT CLIENT'S REQUEST. LAMP INFORMATION PROVIDED BY CLIENT.

REPORT IS BASED ON 160000 LUMENS PER LAMP.

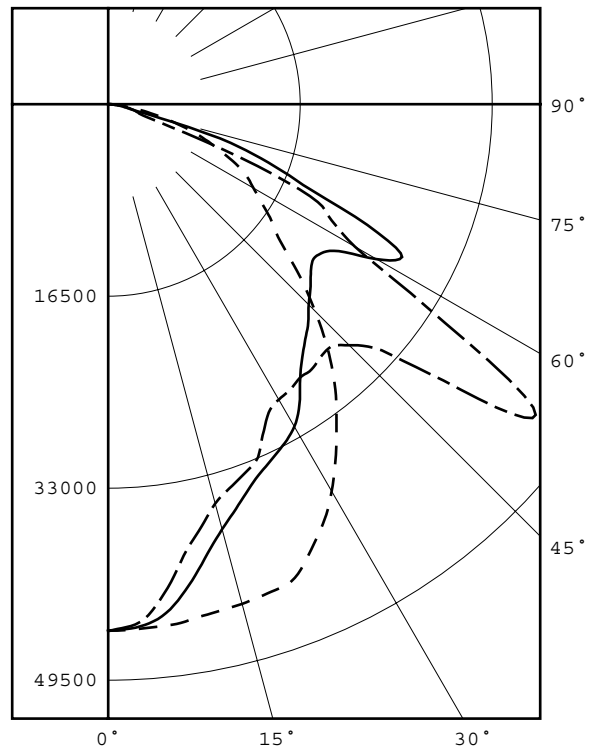


CANDELA DISTRIBUTION						FLUX
	0.0	25.0	45.0	65.0	90.0	
0	45255	45255	45255	45255	45255	
5	45110	45008	44610	44033	43667	4159
15	44450	41712	37826	36328	35539	11050
25	41773	35908	33527	32585	31408	16010
35	34204	29256	28768	28745	28708	18642
45	25140	23334	24359	27253	29289	19969
55	16971	16967	22345	39861	43653	23285
65	12079	13603	24578	20447	19874	17413
75	5525	7842	4682	2478	2533	5611
85	656	623	566	609	627	815
90	8	34	74	83	113	

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	31220	19.5	26.7
0- 40	49862	31.2	42.6
0- 60	93115	58.2	79.6
0- 90	116954	73.1	100.0
90-180	0	0.0	0.0
0-180	116954	73.1	100.0

TOTAL LUMINAIRE EFFICIENCY = 73.1 %

CIE TYPE - DIRECT  
PLANE : 0-DEG 90-DEG  
SPACING CRITERIA : 1.24 0.96



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

Checked       M KLOPF        
Approved       N WHITE        
Lighting Engineer