



UL Verification Services
7036 Snowdrift Road Suite 200
Allentown, PA 18106
610-774-1300



Photometric Indoor Test Report

Relevant Standards
IES LM-41-1998 (Withdrawn)
IES LM-9-2009
ANSI C82.77-2002

Prepared For
Mercury Lighting
Stephen Bambush
20 Audrey Place
Fairfield, NJ 07004

Catalog Number
Q150F-132-OCT-PCB-ELB-UNI-2E
Project Number
10057136
Test Number
313481

Test Date

2013-10-08

Prepared By

Bethann Miller, Project Coordinator

Approved By

Jeffrey Lockner, Engineer

The results contained in this report pertain only to the tested sample.
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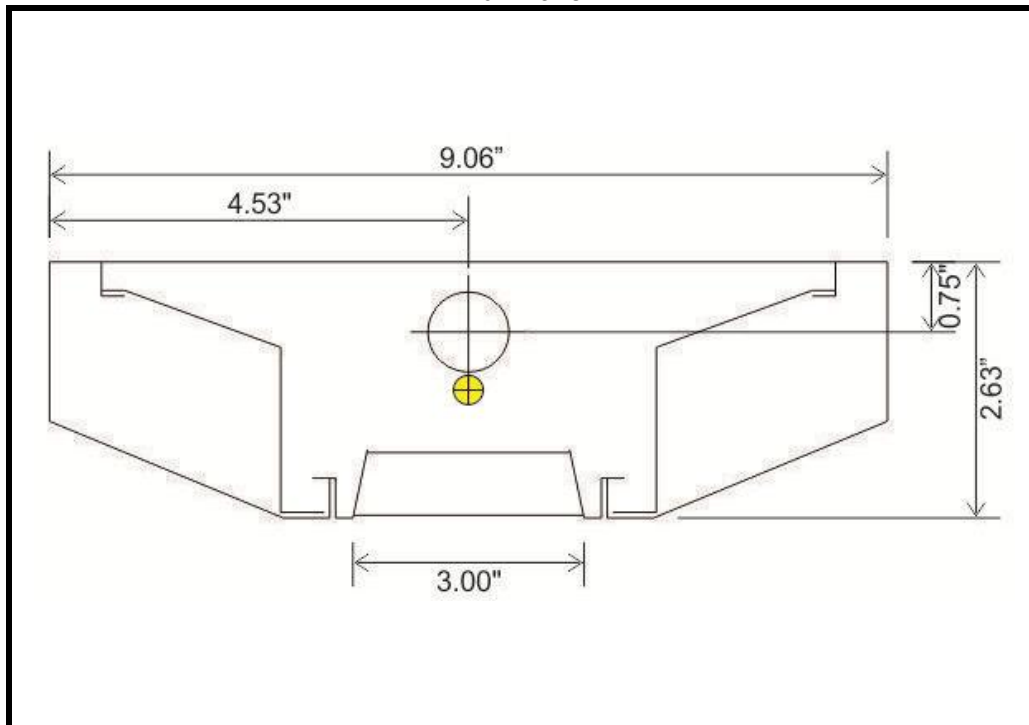
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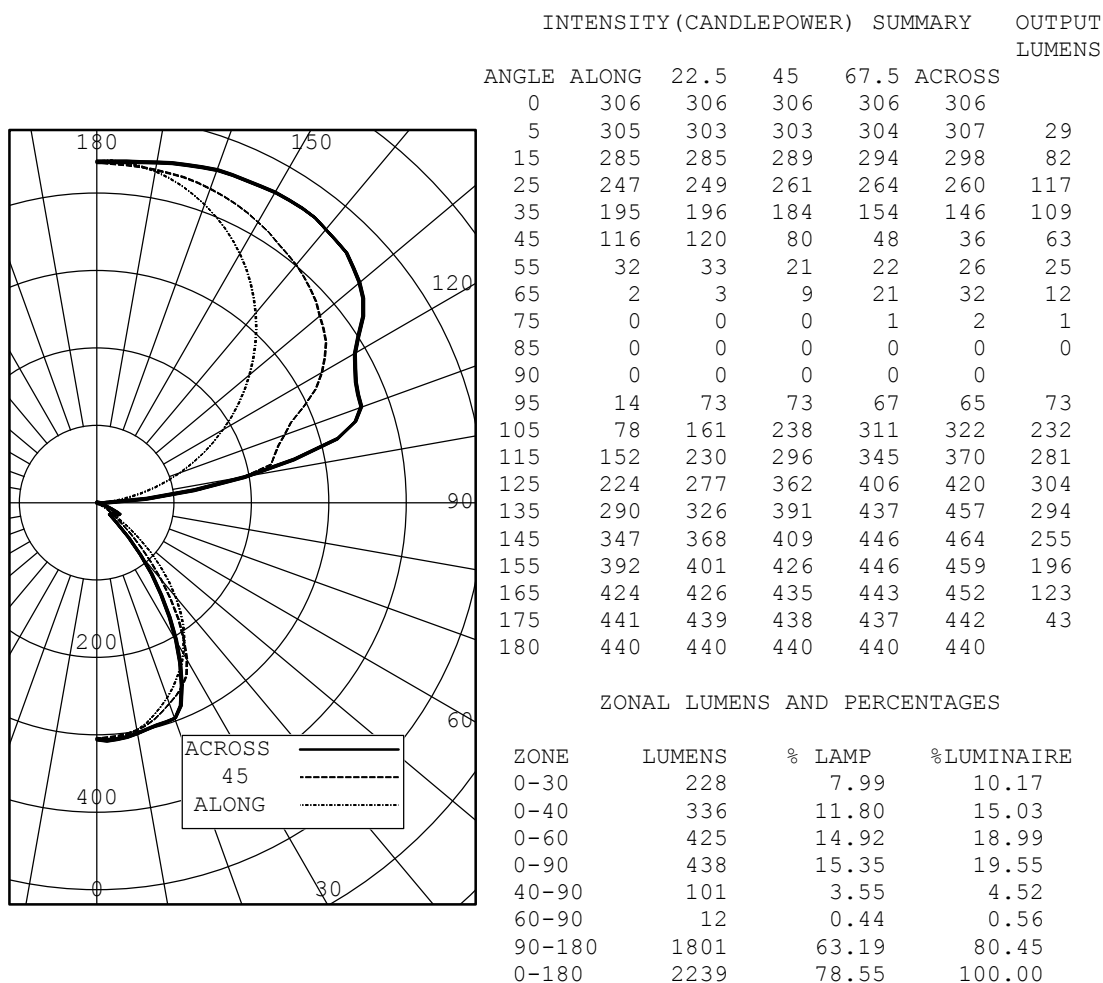


Luminaire Description: Formed white enamel steel housing, formed white aluminum reflector, formed semi-specular aluminum louver, no enclosure
Catalog Number: Q150F-132-OCT-PCB-ELB-UNI-2E
Lamp: One horizontal 32 watt T8 linear fluorescent lamps rated at 2850 lumens
Mounting: Pendant
Ballast/Driver: One Philips Advance Centium ICN-1P32-N

Luminaire

**Test Conditions**

Test Temperature:	25.1 °C
Voltage:	120.0 VAC
Current:	0.2551 A
Power:	30.29 W
Power Factor:	0.989
Frequency:	60 Hz
Current THD:	5.88 %



TESTED IN ACCORDANCE WITH IES PROCEDURES.



INTENSITY (CANDLEPOWER) DATA

ANGLE	PLANE					AVERAGE	OUTPUT LUMENS
	ALONG	22.5	45	67.5	ACROSS		
0	306	306	306	306	306	306	
5	305	303	303	304	307	304	29
10	299	297	299	301	303	299	
15	285	285	289	294	298	290	82
20	267	269	276	290	297	279	
25	247	249	261	264	260	257	117
30	224	224	233	211	205	221	
35	195	196	184	154	146	176	109
40	159	162	130	97	88	128	
45	116	120	80	48	36	81	63
50	73	72	43	21	23	46	
55	32	33	21	22	26	26	25
60	10	12	17	24	31	18	
65	2	3	9	21	32	12	12
70	0	1	1	7	12	4	
75	0	0	0	1	2	0	1
80	0	0	0	0	0	0	
85	0	0	0	0	0	0	0
90	0	0	0	0	0	0	
95	14	73	73	67	65	63	73
100	43	117	193	196	195	156	
105	78	161	238	311	322	228	232
110	115	206	259	336	364	260	
115	152	230	296	345	370	283	281
120	189	254	336	369	385	312	
125	224	277	362	406	420	342	304
130	258	301	377	425	443	363	
135	290	326	391	437	457	382	294
140	320	348	401	443	461	396	
145	347	368	409	446	464	407	255
150	371	386	419	446	462	417	
155	392	401	426	446	459	425	196
160	410	414	431	446	457	431	
165	424	426	435	443	452	436	123
170	435	434	437	440	447	438	
175	441	439	438	437	442	439	43
180	440	440	440	440	440	440	



COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	90				80				70				50				30				10				0
	70	50	30	10	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																									
0	0.880	0.880	0.880	0.88	0.780	0.780	0.780	0.78	0.690	0.690	0.690	0.69	0.520	0.520	0.52	0.370	0.370	0.37	0.220	0.220	0.22	0.15			
1	0.800	0.770	0.740	0.72	0.720	0.690	0.660	0.64	0.640	0.610	0.590	0.56	0.470	0.450	0.44	0.330	0.320	0.31	0.200	0.200	0.20	0.14			
2	0.740	0.680	0.630	0.59	0.660	0.610	0.570	0.53	0.580	0.540	0.510	0.48	0.410	0.390	0.37	0.300	0.280	0.27	0.190	0.180	0.18	0.13			
3	0.680	0.600	0.540	0.50	0.610	0.540	0.490	0.45	0.540	0.480	0.440	0.41	0.370	0.340	0.32	0.270	0.250	0.24	0.170	0.170	0.16	0.12			
4	0.620	0.530	0.470	0.42	0.560	0.480	0.430	0.39	0.490	0.430	0.390	0.35	0.330	0.300	0.28	0.240	0.230	0.21	0.160	0.150	0.14	0.11			
5	0.570	0.470	0.410	0.36	0.510	0.430	0.380	0.33	0.450	0.390	0.340	0.30	0.300	0.270	0.24	0.220	0.200	0.19	0.150	0.140	0.13	0.10			
6	0.530	0.430	0.360	0.32	0.470	0.390	0.330	0.29	0.420	0.350	0.300	0.27	0.270	0.240	0.21	0.200	0.180	0.16	0.140	0.120	0.12	0.09			
7	0.490	0.390	0.320	0.28	0.440	0.350	0.290	0.26	0.390	0.310	0.270	0.23	0.250	0.210	0.19	0.180	0.160	0.15	0.120	0.110	0.10	0.08			
8	0.450	0.350	0.290	0.24	0.410	0.320	0.260	0.22	0.360	0.280	0.240	0.20	0.220	0.190	0.17	0.170	0.150	0.13	0.110	0.100	0.09	0.07			
9	0.420	0.320	0.250	0.21	0.380	0.290	0.230	0.20	0.330	0.260	0.210	0.18	0.200	0.170	0.15	0.150	0.130	0.12	0.100	0.090	0.08	0.07			
10	0.390	0.290	0.230	0.19	0.350	0.260	0.210	0.18	0.310	0.240	0.190	0.16	0.190	0.150	0.13	0.140	0.120	0.10	0.100	0.080	0.08	0.06			

LABORATORY RESULTS MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST AND FIELD FACTORS HAVE NOT BEEN APPLIED.

TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST
LUMINOUS OPENING OF LUMINAIRE.