

Photometric Report

CATALOG NUMBER: PPST-01-4-X-X-T5HO

Friday, November 30, 2012

FILENAME: PPST01-4-T5HO LTL#05963.IES

IESNA:LM-63-2002

[TEST] LTL TEST NUMBER 05963

[DATE] 4-12-1999

[MANUFAC] PRECISION ARCHITECTURAL LIGHTING

[LUMCAT] PPST-01-4-X-X-T5HO

[LUMINAIRE] EXTRUDED ALUMINUM HOUSING WITH CAST ALUMINUM END CAPS

[MORE] SEMI-SPECULAR ALUMINUM REFLECTOR

[LAMP] ONE PHILIPS F54T5/830/HO/ALTO RATED AT 4400 LUMENS.

[BALLAST] ONE ENERGY SAVINGS ES-1-T5-54-120-F-LG

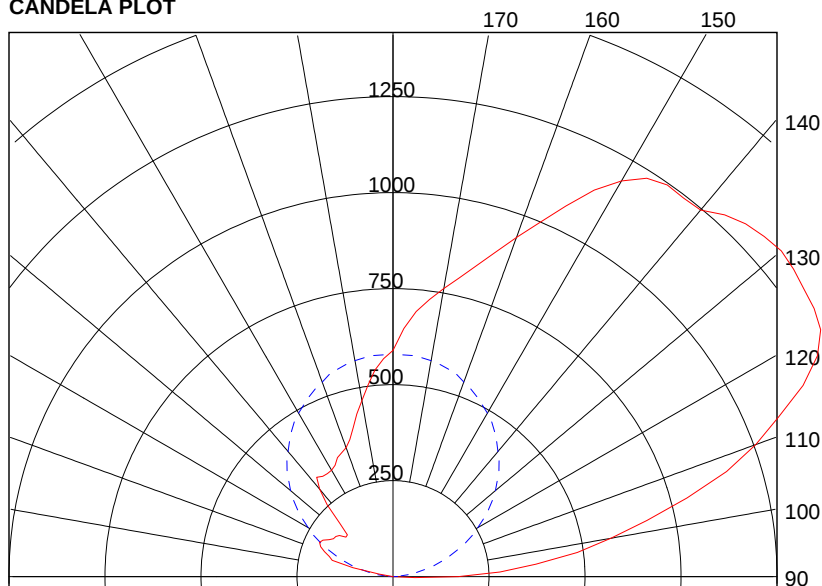
SUMMARY DATA

EFFICIENCY (Total): 65.3 %
EFFICIENCY (Downlight): 0.4 %
EFFICIENCY (Uplight): 64.9 %
CIE CLASSIFICATION: INDIRECT
SPACING CRITERION (90-Deg.): 45.81
LUMENS/LAMP: 4400
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 4.00 (Feet)
Length: 0.23
Height: 0.00
INPUT WATTS: 62.5

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	0.0	0.0	0.0
0 - 40	0.0	0.0	0.0
0 - 60	0.0	0.0	0.0
60 - 90	16.6	0.4	0.6
0 - 90	16.6	0.4	0.6
90 - 180	2856.5	64.9	99.4
0 - 180	2873.2	65.3	100.0

CANDELA PLOT



AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	22.5	45	67.5	90	112.5	135	157.5	180
0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0
75	0	0	0	45	0	0	0	0	0
85	0	1074	1208	1879	0	0	0	0	0

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
Pw ...	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.62	.62	.62	.62	.53	.53	.53	.53	.36	.36	.36	.21	.21	.21	.07	.07	.07	.00
1	.57	.54	.51	.49	.48	.46	.44	.42	.32	.30	.29	.18	.18	.17	.06	.06	.06	.00
2	.51	.47	.43	.40	.44	.40	.37	.35	.28	.26	.24	.16	.15	.14	.05	.05	.05	.00
3	.47	.41	.37	.33	.40	.35	.32	.29	.24	.22	.20	.14	.13	.12	.05	.04	.04	.00
4	.43	.36	.32	.28	.36	.31	.27	.24	.21	.19	.17	.12	.11	.10	.04	.04	.03	.00
5	.39	.32	.27	.24	.33	.28	.24	.21	.19	.16	.15	.11	.10	.09	.04	.03	.03	.00
6	.36	.29	.24	.20	.30	.25	.21	.18	.17	.14	.12	.10	.08	.07	.03	.03	.02	.00
7	.33	.26	.21	.17	.28	.22	.18	.15	.15	.13	.11	.09	.07	.06	.03	.02	.02	.00
8	.30	.23	.18	.15	.26	.20	.16	.13	.14	.11	.09	.08	.07	.06	.03	.02	.02	.00
9	.28	.21	.16	.13	.24	.18	.14	.12	.12	.10	.08	.07	.06	.05	.02	.02	.02	.00
10	.26	.19	.15	.12	.22	.16	.13	.10	.11	.09	.07	.07	.05	.04	.02	.02	.01	.00

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CANDELA TABLE

Vertical Angle	Horizontal Angles								
	0	22.5	45	67.5	90	112.5	135	157.5	180
0	0	0	0	0	0	0	0	0	0
2.5	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
7.5	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
12.5	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
17.5	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
22.5	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0
27.5	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0
32.5	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0
37.5	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0
42.5	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0
47.5	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0
52.5	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0
57.5	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0
62.5	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0
67.5	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0
72.5	0	0	0	0	0	0	0	0	0
75	0	0	0	1	0	0	0	0	0
77.5	0	0	1	2	0	0	0	0	0
80	0	0	3	6	0	0	0	0	0
82.5	0	0	8	8	0	0	0	0	0
85	0	8	9	14	0	0	0	0	0
87.5	57	84	46	20	0	0	0	0	0
90	170	193	139	75	2	1	1	0	0
92.5	279	293	229	145	12	7	3	0	0
95	374	395	322	228	21	26	5	1	0
97.5	484	496	418	320	40	44	20	2	2
100	577	597	527	390	62	55	71	27	37
102.5	677	711	633	434	84	56	100	94	107
105	793	827	725	467	110	60	116	141	164
107.5	911	924	805	496	133	56	128	154	174
110	1005	1010	868	517	157	68	133	168	190
112.5	1087	1094	908	539	182	96	130	182	204
115	1178	1159	934	558	208	123	126	186	211
117.5	1246	1200	962	579	233	138	126	183	206
120	1286	1212	978	597	255	145	117	172	192
122.5	1300	1221	986	612	279	158	112	169	184
125	1306	1229	984	626	303	173	131	166	182
127.5	1315	1237	986	635	326	192	174	155	176
130	<u>1320</u>	1234	993	643	348	210	214	149	160
132.5	<u>1311</u>	1219	1010	645	368	226	240	161	161
135	1299	1202	1021	649	390	246	254	206	195
137.5	1278	1192	1018	653	409	263	259	256	254
140	1246	1194	996	654	425	277	265	294	297
142.5	1243	1191	968	657	443	294	275	308	326
145	1245	1167	937	661	461	313	289	303	319
147.5	1230	1129	906	662	478	335	304	304	318
150	1190	1080	876	666	492	358	316	308	320
152.5	1135	1018	845	664	504	377	327	319	327
155	1065	960	818	665	517	400	338	334	342
157.5	998	908	793	664	529	421	353	344	349
160	940	860	772	660	539	443	374	352	357
162.5	885	823	754	658	552	463	400	368	374
165	838	790	736	650	559	485	427	391	401

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167.5	797	759	714	642	566	506	454	421	434
170	762	727	692	631	571	523	482	452	466
172.5	728	692	667	620	575	540	510	487	502
175	693	657	638	606	578	555	536	521	540
177.5	647	618	610	593	578	567	560	552	568
180	589	589	589	589	589	589	589	589	589