

# Photometric Report

CATALOG NUMBER: PPBC01-4-X-T8

Thursday, November 29, 2012

FILENAME: PPBC01-4-T8 LTL#04761.IES

IESNA:LM-63-2002  
 [TEST] 04761  
 [TESTDATE] 8-23-99  
 [MANUFAC] PRECISION ARCHITECTURAL LIGHTING  
 [LUMCAT]PPBC01-4-X-T8  
 [LUMINAIRE] EXTRUDED ALUMINUM HOUSING WITH SEMI- SPECULAR  
 [MORE]ALUMINUM REFLECTOR.  
 [LAMP] ONE PHILIPS F32T8/TL830/XLL/ALTO RATED AT 2950 LUMENS.  
 [BALLAST] ONE ES-2/1-T8-32/25/17/15-UNV-A-1S

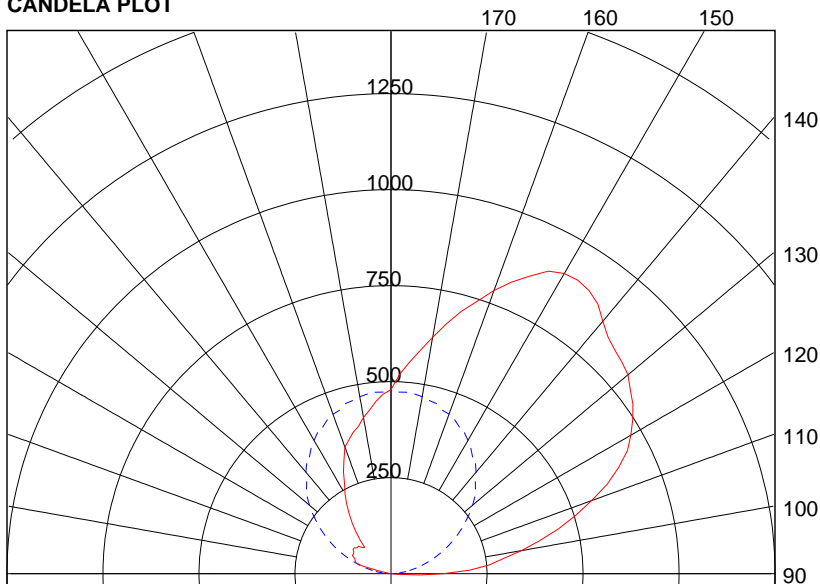
### SUMMARY DATA

EFFICIENCY (Total): 67.1 %  
 EFFICIENCY (Downlight): 0.5 %  
 EFFICIENCY (Uplight): 66.6 %  
 CIE CLASSIFICATION: INDIRECT  
 LUMENS/LAMP: 2950  
 NO. OF LAMPS: 1  
 LUMINOUS OPENING: RECTANGULAR  
     Width: 4.00 (Feet)  
     Length: 0.23  
     Height: 0.00  
 INPUT WATTS: 33.2

### 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	15.1	0.5	0.8
0 - 90	15.1	0.5	0.8
90 - 180	1964.3	66.6	99.2
0 - 180	1979.4	67.1	100.0

### CANDELA PLOT



Bilaterally Symmetric  
 Solid: 180-0 Degrees    Dashed: 90-270 Degrees

### 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	47	0	0	0	0	0	0
85	2501	3752	973	1251	0	0	0	0	0

### COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ... Pw ... RCR	80				70				50				30				10				0					
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
0	.64	.64	.64	.64	.55	.55	.55	.55	.38	.38	.38	.22	.22	.22	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.01
1	.58	.55	.53	.51	.50	.47	.45	.44	.32	.31	.30	.19	.18	.18	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.00
2	.53	.48	.44	.41	.45	.41	.38	.36	.28	.26	.25	.16	.15	.15	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.00
3	.48	.42	.38	.34	.41	.36	.33	.30	.25	.23	.21	.14	.13	.12	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.00
4	.44	.37	.32	.29	.37	.32	.28	.25	.22	.19	.18	.13	.11	.10	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.00
5	.40	.33	.28	.24	.34	.28	.24	.21	.20	.17	.15	.11	.10	.09	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.00
6	.37	.29	.24	.21	.31	.25	.21	.18	.17	.15	.13	.10	.09	.08	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.00
7	.34	.26	.21	.18	.29	.23	.19	.16	.16	.13	.11	.09	.08	.07	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.00
8	.31	.24	.19	.16	.27	.20	.16	.14	.14	.11	.10	.08	.07	.06	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.00
9	.29	.21	.17	.14	.25	.18	.15	.12	.13	.10	.08	.07	.06	.05	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.00
10	.27	.19	.15	.12	.23	.17	.13	.10	.12	.09	.07	.07	.05	.04	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00

Reported data calculated from manufacturer's data file, based on IESNA recommended methods.

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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	1	0	0	0	0	0	0
77.5	0	0	2	1	0	0	0	0	0
80	0	0	3	3	0	0	0	0	0
82.5	0	0	5	8	0	0	0	0	0
85	19	28	7	9	0	0	0	0	0
87.5	75	81	46	11	1	0	0	0	0
90	137	146	105	51	6	0	0	0	0
92.5	205	205	156	86	14	3	0	0	0
95	257	248	195	126	23	9	2	0	0
97.5	293	293	241	170	39	25	6	1	0
100	345	345	291	212	50	28	25	5	5
102.5	395	397	341	247	67	33	56	30	31
105	452	451	392	275	84	34	64	71	79
107.5	504	504	443	303	101	38	65	87	97
110	556	556	481	331	120	43	71	90	99
112.5	610	602	515	356	140	49	77	94	102
115	654	641	545	384	159	63	80	96	111
117.5	695	671	573	416	179	79	82	100	111
120	721	697	594	444	199	96	81	104	112
122.5	746	718	615	472	218	114	77	107	117
125	769	740	636	493	237	137	75	106	117
127.5	786	755	666	514	258	154	82	100	111
130	805	771	696	529	277	177	102	99	111
132.5	816	788	724	538	296	200	121	90	100
135	824	803	743	542	312	223	143	99	97
137.5	836	829	760	545	325	245	169	119	118
140	858	853	766	553	345	263	189	143	142
142.5	885	869	770	554	361	283	209	170	166
145	899	872	763	552	371	298	229	193	189
147.5	906	871	747	553	387	313	258	217	215
150	903	854	733	549	401	331	285	237	239
152.5	888	831	711	548	414	342	308	262	262
155	855	797	691	543	421	361	332	292	293
157.5	822	762	671	538	434	372	348	323	320
160	785	730	650	534	442	387	361	346	351
162.5	743	696	625	528	446	402	373	361	365
165	707	659	603	522	459	413	387	377	381

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167.5	667	624	579	515	462	423	405	387	392
170	625	588	555	509	468	437	417	404	413
172.5	586	555	535	501	472	448	434	421	430
175	553	526	514	491	474	458	449	441	450
177.5	520	499	494	481	473	468	463	456	468
180	479	479	479	479	479	479	479	479	479