Photometric Report

CATALOG NUMBER: PPBC01-4-X-T5

Thursday, November 29, 2012

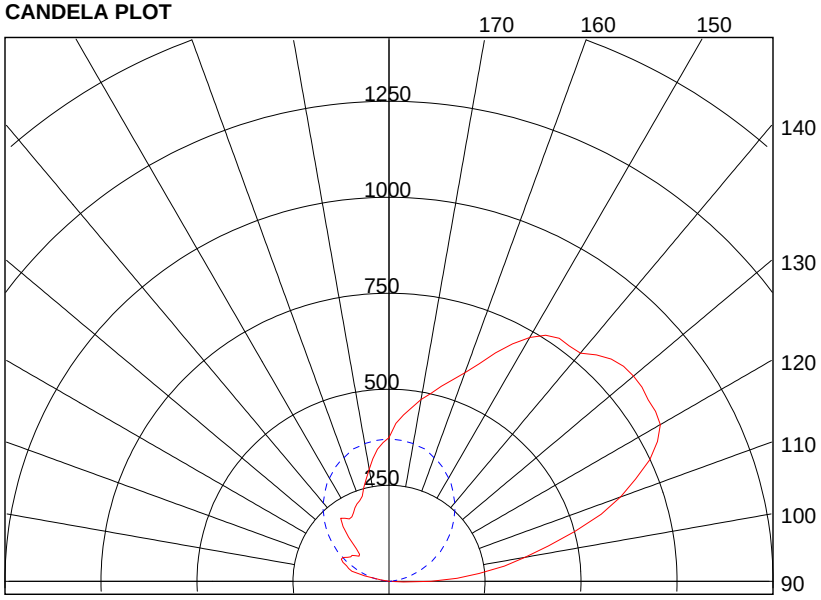
FILENAME: PPBC01-4-T5 LTL#04449.IES

IESNA:LM-63-2002
[TEST] 04449
[TESTDATE] 3-2-99
[MANUFAC] PRECISION ARCHITECTURAL LIGHTING
[LUMCAT] PPBC01-4-X-T5
[LUMINAIRE] EXTRUDED ALUMINUM HOUSING WITH CAST ALUMINUM
[MORE] END CAPS AND SEMI-SPECULAR ALUMINUM REFLECTOR
[LAMP] ONE PHILIPS TL5 28W/835 RATED AT 2600 LUMENS.
[BALLAST] ONE MAGNETEK BT5-128/120

SUMMARY DATA

EFFICIENCY (Total):	68.7 %
EFFICIENCY (Downlight):	0.4 %
EFFICIENCY (Uplight):	68.2 %
CIE CLASSIFICATION:	INDIRECT
SPACING CRITERION (90-Deg.):	45.81
LUMENS/LAMP:	2600
NO. OF LAMPS:	1
LUMINOUS OPENING: RECTANGULAR	
Width:	4.00 (Feet)
Length:	0.23
Height:	0.00
INPUT WATTS:	32.3

CANDELA PLOT



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

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	11.6	0.4	0.7
0 - 90	11.6	0.4	0.7
90 - 180	1773.4	68.2	99.3
0 - 180	1785.0	68.7	100.0

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	162	122	0	0	0	0	0
85	0	842	842	1324	0	120	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	.65	.65	.65	.65	.56	.56	.56	.56	.38	.38	.38	.22	.22	.22	.07	.07	.07	.00
1	.59	.57	.54	.52	.51	.48	.46	.45	.33	.32	.31	.19	.19	.18	.06	.06	.06	.00
2	.54	.49	.45	.42	.46	.42	.39	.36	.29	.27	.25	.17	.16	.15	.05	.05	.05	.00
3	.49	.43	.39	.35	.42	.37	.33	.30	.25	.23	.21	.15	.14	.13	.05	.04	.04	.00
4	.45	.38	.33	.29	.38	.33	.29	.25	.23	.20	.18	.13	.12	.11	.04	.04	.04	.00
5	.41	.34	.29	.25	.35	.29	.25	.22	.20	.17	.15	.12	.10	.09	.04	.03	.03	.00
6	.38	.30	.25	.21	.32	.26	.22	.19	.18	.15	.13	.10	.09	.08	.03	.03	.03	.00
7	.35	.27	.22	.18	.29	.23	.19	.16	.16	.13	.11	.09	.08	.07	.03	.03	.02	.00
8	.32	.24	.19	.16	.27	.21	.17	.14	.14	.12	.10	.08	.07	.06	.03	.02	.02	.00
9	.30	.22	.17	.14	.25	.19	.15	.12	.13	.10	.09	.08	.06	.05	.03	.02	.02	.00
10	.27	.20	.15	.12	.23	.17	.13	.11	.12	.09	.08	.07	.06	.05	.02	.02	.02	.00

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Precision Architectural Lighting

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	1	0	0	0	0	0	0
70	0	0	2	0	0	0	0	0	0
72.5	0	0	3	1	0	0	0	0	0
75	0	0	4	3	0	0	0	0	0
77.5	0	0	4	4	0	0	0	0	0
80	0	0	4	4	0	0	0	0	0
82.5	0	0	4	6	0	0	0	0	0
85	0	6	6	10	0	1	0	0	0
87.5	38	56	30	13	0	2	1	0	0
90	109	123	89	45	4	3	2	0	0
92.5	178	184	140	84	7	4	3	1	0
95	236	247	198	134	12	14	4	2	1
97.5	303	308	257	187	21	25	12	3	2
100	360	370	326	230	33	33	42	18	22
102.5	425	446	395	257	47	37	62	56	65
105	501	520	455	277	61	39	72	86	100
107.5	579	585	503	297	74	38	82	97	110
110	642	639	542	309	90	40	87	105	117
112.5	695	690	563	324	105	57	83	116	130
115	750	730	582	333	123	74	82	120	137
117.5	788	750	596	342	137	86	80	117	134
120	816	763	610	356	154	91	76	111	125
122.5	823	767	614	367	169	94	71	108	118
125	824	772	613	375	184	101	82	104	117
127.5	830	776	610	381	199	112	104	98	109
130	831	773	613	388	213	125	131	94	101
132.5	828	764	620	391	227	136	150	103	104
135	819	749	625	393	240	146	159	128	120
137.5	800	738	622	398	254	159	158	159	155
140	776	739	611	403	266	170	160	184	186
142.5	772	735	594	409	277	182	166	195	207
145	773	718	576	413	290	195	172	187	200
147.5	759	693	557	415	301	210	185	186	193
150	733	662	539	420	310	226	195	187	194
152.5	697	625	524	420	319	238	204	195	201
155	656	592	510	420	329	254	211	207	211
157.5	612	560	498	419	336	267	222	214	218
160	578	537	487	418	342	282	236	221	223
162.5	550	515	474	416	350	295	251	232	232
165	525	498	464	413	357	311	272	249	254

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167.5	500	477	452	407	360	324	289	268	273
170	481	458	438	402	364	335	308	289	297
172.5	456	439	423	394	366	345	326	309	322
175	435	415	406	386	368	356	343	333	345
177.5	412	394	387	378	369	364	357	351	361
180	374	374	374	374	374	374	374	374	374

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