

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] BTR66.181.19.0007.15
 [TESTLAB] BEST TEST SERVICE SHENZHEN CO.,LTD
 [TESTDATE] 20 August 2019
 [ISSUEDATE] 2019-09-10 09:48:15
 [NEARFIELD]
 [LAMPPOSITION] 0,0
 [OTHER] EVERFINE GO-R5000_V2 SYSTEM
 [MANUFAC] BlackJack Lighting LLC
 [LUMINAIRE] PBX-10P-WG-12U-30K
 [LAMP] PBX-10P-WG-12U-30K

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	679
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	51
Total Luminaire Watts	13.4305
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.00 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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CANDELA TABULATION

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
0	317.55	317.55	317.55	317.55	317.55	317.55	317.55	317.55	317.55	317.55
1	317.41	317.38	317.35	317.38	317.38	317.35	317.38	317.35	317.41	317.52
2	317.14	317.11	317.14	317.09	317.06	317.08	317.06	317.08	317.14	317.34
3	316.70	316.67	316.61	316.64	316.67	316.64	316.64	316.64	316.70	317.07
4	316.21	316.15	316.12	316.12	316.12	316.12	316.09	316.09	316.17	316.66
5	315.52	315.52	315.46	315.46	315.43	315.43	315.43	315.43	315.54	316.12
6	314.77	314.79	314.70	314.68	314.65	314.68	314.67	314.62	314.76	315.46
7	313.89	313.89	313.82	313.80	313.77	313.77	313.76	313.76	313.88	314.68
8	312.89	312.88	312.82	312.79	312.76	312.76	312.79	312.76	312.88	313.85
9	311.80	311.79	311.73	311.73	311.70	311.70	311.70	311.67	311.82	312.84
10	310.64	310.60	310.48	310.51	310.45	310.51	310.48	310.51	310.63	311.73
11	309.29	309.29	309.22	309.16	309.19	309.22	309.22	309.23	309.34	310.58
12	307.89	307.88	307.80	307.77	307.83	307.83	307.86	307.89	308.03	309.25
13	306.53	306.46	306.40	306.40	306.45	306.52	306.53	306.58	306.75	307.97
14	305.05	305.06	304.96	304.96	305.02	305.10	305.14	305.20	305.40	306.74
15	303.58	303.58	303.52	303.55	303.57	303.66	303.75	303.81	304.01	305.38
16	302.06	302.03	301.99	301.97	302.08	302.19	302.28	302.31	302.54	304.11
17	300.43	300.39	300.36	300.39	300.47	300.62	300.68	300.77	301.03	302.62
18	298.70	298.72	298.72	298.72	298.83	298.92	299.07	299.15	299.42	301.13
19	296.96	296.92	296.95	296.95	297.09	297.24	297.33	297.38	297.70	299.45
20	295.11	295.10	295.07	295.19	295.31	295.39	295.53	295.59	295.92	297.77
21	293.21	293.22	293.22	293.32	293.39	293.54	293.72	293.80	294.10	296.03
22	291.34	291.33	291.33	291.42	291.53	291.67	291.71	291.74	291.94	294.14
23	289.07	289.13	289.15	289.19	289.26	289.32	289.35	289.32	289.49	291.93
24	286.43	286.53	286.61	286.60	286.66	286.68	286.67	286.60	286.68	289.35
25	283.47	283.58	283.67	283.70	283.77	283.75	283.65	283.53	283.64	286.59
26	280.25	280.33	280.50	280.53	280.52	280.47	280.31	280.07	280.10	283.25
27	276.45	276.58	276.81	276.79	276.75	276.72	276.50	276.20	276.10	279.69
28	272.35	272.50	272.75	272.71	272.69	272.61	272.23	271.84	271.70	275.56
29	267.74	267.99	268.17	268.11	268.01	267.87	267.41	266.88	266.68	270.98
30	262.68	262.93	263.15	263.08	262.98	262.83	262.21	261.62	261.34	265.78
31	257.04	257.35	257.57	257.48	257.31	257.02	256.47	255.78	255.46	260.23
32	251.24	251.47	251.68	251.62	251.34	251.06	250.43	249.71	249.33	254.21
33	244.98	245.23	245.42	245.27	244.89	244.64	243.91	243.02	242.60	247.96
34	238.47	238.61	238.83	238.78	238.37	238.03	237.35	236.44	235.98	241.45
35	231.66	231.84	232.03	231.85	231.56	231.21	230.39	229.38	228.80	234.59
36	224.61	224.79	224.92	224.74	224.45	224.02	223.24	222.24	221.65	227.63
37	217.43	217.57	217.85	217.67	217.25	216.83	215.91	214.87	214.23	220.17
38	210.17	210.17	210.19	210.12	209.81	209.20	208.44	207.43	206.82	212.76
39	202.75	202.86	203.04	202.70	202.33	201.90	200.96	199.96	199.24	205.31
40	195.25	195.38	195.50	195.26	194.68	194.17	193.35	192.27	191.65	197.77
41	187.74	187.86	187.98	187.69	187.27	186.71	185.77	184.69	184.02	190.23
42	180.25	180.21	180.33	180.12	179.60	179.00	178.13	177.05	176.43	182.69
43	172.69	172.69	172.82	172.65	172.08	171.61	170.61	169.58	168.76	174.87
44	165.19	165.15	165.21	164.95	164.44	163.84	163.05	161.92	161.26	167.32
45	157.81	157.72	157.82	157.50	156.97	156.55	155.54	154.50	153.79	159.64
46	150.26	150.27	150.33	150.06	149.38	148.91	148.05	146.97	146.32	152.11
47	143.07	143.02	143.08	142.70	142.21	141.63	140.73	139.65	138.99	144.92
48	135.77	135.76	135.75	135.50	134.88	134.37	133.45	132.42	131.78	137.53
49	128.83	128.75	128.72	128.36	127.80	127.35	126.49	125.36	124.69	130.48
50	121.78	121.68	121.61	121.22	120.71	120.16	119.37	118.36	117.64	123.20
51	115.26	115.03	115.03	114.65	114.07	113.57	112.60	111.65	111.03	116.32
52	108.46	108.33	108.22	107.86	107.30	106.82	105.96	104.98	104.34	109.41
53	102.08	101.91	101.80	101.47	100.79	100.32	99.46	98.55	98.00	102.94
54	96.02	95.85	95.84	95.33	94.82	94.20	93.38	92.43	91.77	96.65
55	89.94	89.75	89.65	89.26	88.66	88.17	87.37	86.46	85.93	90.57
56	84.79	84.61	84.49	84.09	83.51	83.03	82.25	81.39	80.86	84.69
57	79.66	79.47	79.33	78.92	78.37	77.90	77.12	76.32	75.79	79.29
58	74.52	74.33	74.18	73.74	73.22	72.76	72.00	71.25	70.72	74.29

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59	70.20	70.00	69.80	69.39	68.86	68.44	67.72	67.07	66.63	69.70
60	66.32	66.12	65.93	65.55	65.12	64.66	64.06	63.41	62.98	65.65
61	63.12	62.90	62.68	62.30	61.87	61.50	60.93	60.39	60.00	62.15
62	60.55	60.32	60.10	59.75	59.32	58.95	58.39	57.85	57.44	59.27
63	57.99	57.76	57.53	57.19	56.70	56.33	55.75	55.19	54.79	56.65
64	55.30	55.01	54.81	54.41	54.03	53.64	53.06	52.52	52.10	54.04
65	52.45	52.20	51.98	51.65	51.20	50.81	50.27	49.75	49.35	51.27
66	49.77	49.51	49.27	48.89	48.50	48.12	47.57	47.07	46.69	48.66
67	47.00	46.77	46.57	46.20	45.77	45.40	44.85	44.35	44.03	45.98
68	44.30	44.03	43.77	43.44	43.06	42.72	42.23	41.70	41.40	43.42
69	41.63	41.39	41.16	40.80	40.40	40.08	39.59	39.12	38.79	40.77
70	39.07	38.80	38.59	38.24	37.86	37.54	37.09	36.63	36.34	38.25
71	36.55	36.30	36.06	35.72	35.37	35.05	34.60	34.16	33.88	35.72
72	34.09	33.84	33.62	33.31	32.95	32.64	32.24	31.85	31.57	33.34
73	31.70	31.45	31.23	30.93	30.60	30.33	29.95	29.52	29.28	31.03
74	29.39	29.15	28.95	28.65	28.34	28.07	27.68	27.32	27.09	28.79
75	27.17	26.93	26.74	26.43	26.16	25.91	25.54	25.17	24.94	26.66
76	25.01	24.75	24.56	24.33	24.01	23.77	23.41	23.08	22.87	24.53
77	22.95	22.72	22.55	22.31	22.01	21.77	21.44	21.12	20.94	22.49
78	20.91	20.69	20.49	20.27	20.00	19.79	19.46	19.17	18.99	20.48
79	18.99	18.76	18.61	18.39	18.13	17.92	17.63	17.34	17.16	18.66
80	17.11	16.92	16.74	16.52	16.30	16.11	15.83	15.54	15.39	16.84
81	15.31	15.09	14.95	14.75	14.53	14.32	14.07	13.80	13.66	15.03
82	13.57	13.40	13.24	13.08	12.84	12.67	12.42	12.16	12.02	13.35
83	11.90	11.73	11.58	11.39	11.21	11.04	10.80	10.56	10.42	11.71
84	10.29	10.13	10.02	9.84	9.63	9.48	9.27	9.03	8.94	10.11
85	8.79	8.64	8.52	8.36	8.16	8.00	7.79	7.58	7.47	8.59
86	7.29	7.14	7.03	6.87	6.69	6.52	6.32	6.13	6.00	7.13
87	5.79	5.65	5.54	5.39	5.22	5.09	4.88	4.65	4.53	5.69
88	4.12	3.96	3.84	3.69	3.51	3.35	3.08	2.81	2.65	4.18
89	2.09	1.91	1.77	1.57	1.37	1.18	0.90	0.63	0.49	2.27
90	0.11	0.07	0.04	0.02	0.01	0.01	0.01	0.01	0.00	0.23
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00
168	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00
169	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.00
170	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
172	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0	317.55	317.55	317.55	317.55	317.55	317.55	317.55	317.55	317.55	317.55
1	317.52	317.49	317.55	317.52	317.52	317.55	317.52	317.55	317.58	317.61
2	317.34	317.31	317.40	317.40	317.42	317.40	317.43	317.46	317.46	317.55
3	317.07	317.07	317.10	317.10	317.10	317.16	317.19	317.22	317.25	317.34
4	316.66	316.66	316.72	316.72	316.75	316.77	316.81	316.86	316.89	316.98
5	316.10	316.10	316.16	316.22	316.25	316.25	316.31	316.40	316.42	316.48
6	315.46	315.47	315.55	315.58	315.58	315.64	315.70	315.79	315.82	315.94
7	314.71	314.71	314.80	314.80	314.83	314.92	314.95	315.07	315.10	315.21
8	313.85	313.82	313.91	313.94	314.02	314.05	314.09	314.23	314.27	314.38
9	312.83	312.83	312.95	313.01	313.04	313.10	313.19	313.28	313.34	313.48
10	311.75	311.75	311.87	311.93	311.99	312.02	312.14	312.26	312.29	312.43
11	310.55	310.56	310.70	310.79	310.82	310.88	310.97	311.12	311.20	311.35
12	309.29	309.32	309.46	309.56	309.59	309.71	309.76	309.91	309.94	310.08
13	308.00	308.10	308.21	308.33	308.39	308.48	308.59	308.68	308.71	308.82
14	306.78	306.84	306.98	307.14	307.22	307.31	307.40	307.48	307.51	307.63
15	305.47	305.59	305.76	305.91	305.97	306.06	306.18	306.26	306.27	306.35
16	304.16	304.28	304.45	304.61	304.66	304.75	304.87	304.99	304.98	305.07
17	302.75	302.83	303.01	303.21	303.27	303.37	303.52	303.53	303.58	303.68
18	301.22	301.34	301.57	301.75	301.80	301.90	302.04	302.15	302.16	302.21
19	299.57	299.69	299.89	300.04	300.10	300.22	300.36	300.45	300.48	300.53
20	297.87	297.93	298.16	298.39	298.45	298.51	298.63	298.74	298.74	298.80
21	296.13	296.22	296.38	296.51	296.53	296.59	296.68	296.77	296.80	296.90
22	294.14	294.17	294.28	294.35	294.32	294.31	294.43	294.60	294.63	294.69
23	291.84	291.78	291.83	291.87	291.83	291.81	291.88	292.06	292.03	292.24
24	289.18	289.13	289.05	289.10	288.94	288.99	289.00	289.17	289.26	289.46
25	286.31	286.11	285.95	285.92	285.67	285.68	285.68	285.85	285.96	286.22
26	282.98	282.67	282.35	282.26	281.95	281.92	281.88	282.08	282.23	282.62
27	279.22	278.80	278.36	278.16	277.74	277.60	277.57	277.84	277.98	278.52
28	274.99	274.39	273.95	273.52	273.07	272.89	272.85	273.08	273.31	273.87
29	270.25	269.52	268.98	268.44	267.87	267.70	267.56	267.84	268.05	268.69
30	264.91	264.04	263.40	262.89	262.24	261.96	261.81	262.10	262.42	263.11
31	259.31	258.36	257.45	256.93	256.16	255.96	255.82	256.11	256.44	257.21
32	253.17	252.12	251.22	250.65	249.86	249.58	249.49	249.74	250.17	250.93
33	246.88	245.79	244.74	244.12	243.35	243.13	242.98	243.21	243.59	244.48
34	240.23	239.02	237.97	237.26	236.37	236.06	235.98	236.34	236.63	237.53
35	233.35	232.09	230.97	230.23	229.41	229.13	229.04	229.29	229.78	230.62
36	226.15	224.90	223.81	222.99	222.13	221.82	221.70	222.07	222.53	223.42
37	218.79	217.59	216.48	215.68	214.93	214.57	214.42	214.86	215.35	216.31
38	211.45	210.23	209.02	208.23	207.43	207.20	207.09	207.45	207.97	208.94
39	203.91	202.71	201.56	200.88	200.07	199.80	199.73	200.10	200.50	201.52
40	196.37	195.13	194.00	193.32	192.40	192.28	192.08	192.42	192.74	193.99
41	188.84	187.56	186.43	185.75	184.75	184.76	184.43	184.75	185.01	186.46
42	181.30	179.99	178.87	178.19	177.34	177.17	177.05	177.40	177.96	178.93
43	173.56	172.30	171.29	170.56	169.73	169.49	169.42	169.77	170.28	171.31
44	165.94	164.83	163.74	163.01	162.24	161.99	162.05	162.42	162.93	163.93
45	158.42	157.19	156.08	155.54	154.69	154.51	154.47	154.82	155.41	156.35
46	150.85	149.79	148.69	148.02	147.28	147.13	147.17	147.55	148.03	148.99
47	143.62	142.39	141.45	140.84	140.01	139.82	139.76	140.15	140.66	141.57
48	136.19	135.15	134.16	133.44	132.71	132.65	132.59	132.95	133.40	134.32
49	129.18	128.04	127.03	126.48	125.67	125.49	125.45	125.85	126.29	127.17
50	121.94	120.94	120.01	119.37	118.74	118.58	118.52	118.85	119.29	120.27
51	115.12	114.09	113.17	112.67	111.91	111.72	111.73	112.04	112.50	113.30
52	108.29	107.33	106.43	105.89	105.25	105.07	105.02	105.41	105.81	106.61
53	101.96	100.90	99.98	99.57	98.78	98.65	98.60	98.87	99.27	100.02
54	95.67	94.67	93.83	93.18	92.56	92.39	92.32	92.67	93.00	93.77
55	89.60	88.60	87.75	87.30	86.63	86.50	86.45	86.67	86.98	87.73
56	83.75	82.92	82.15	81.70	81.14	80.97	80.91	81.14	81.43	82.07
57	78.47	77.70	77.00	76.69	76.11	75.95	75.87	76.05	76.31	76.92

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES

CANDELA TABULATION - (Cont.)

58	73.47	72.81	72.11	71.70	71.22	71.08	71.03	71.20	71.45	71.91
59	69.01	68.39	67.76	67.51	67.00	66.89	66.80	66.95	67.21	67.63
60	64.98	64.43	63.86	63.54	63.13	63.04	62.94	63.07	63.23	63.56
61	61.56	60.93	60.46	60.19	59.77	59.62	59.52	59.57	59.74	60.04
62	58.66	58.10	57.62	57.29	56.89	56.73	56.59	56.57	56.62	56.93
63	56.09	55.56	55.09	54.78	54.44	54.27	54.19	54.21	54.27	54.49
64	53.46	52.97	52.49	52.24	51.92	51.79	51.71	51.79	51.86	52.09
65	50.75	50.30	49.88	49.64	49.33	49.25	49.22	49.28	49.38	49.63
66	48.16	47.69	47.30	47.06	46.80	46.69	46.66	46.77	46.88	47.15
67	45.52	45.05	44.66	44.46	44.17	44.14	44.13	44.21	44.34	44.65
68	42.94	42.48	42.14	41.93	41.68	41.63	41.65	41.73	41.86	42.16
69	40.33	39.90	39.54	39.37	39.17	39.14	39.12	39.21	39.35	39.67
70	37.84	37.45	37.11	36.96	36.75	36.73	36.72	36.85	36.99	37.28
71	35.32	34.95	34.66	34.53	34.32	34.29	34.28	34.42	34.56	34.87
72	32.96	32.62	32.32	32.19	32.03	32.01	32.01	32.10	32.25	32.51
73	30.69	30.33	30.08	29.96	29.77	29.75	29.77	29.87	29.99	30.27
74	28.50	28.13	27.88	27.75	27.58	27.57	27.57	27.65	27.73	28.03
75	26.33	26.00	25.76	25.64	25.48	25.44	25.46	25.54	25.63	25.91
76	24.23	23.92	23.68	23.59	23.44	23.40	23.40	23.48	23.57	23.85
77	22.16	21.90	21.67	21.57	21.46	21.42	21.43	21.51	21.58	21.83
78	20.22	20.03	19.83	19.73	19.60	19.56	19.58	19.64	19.72	19.95
79	18.41	18.16	17.98	17.88	17.74	17.71	17.72	17.78	17.87	18.08
80	16.61	16.29	16.14	16.03	15.89	15.86	15.87	15.92	16.01	16.21
81	14.81	14.57	14.37	14.28	14.17	14.14	14.13	14.19	14.27	14.47
82	13.13	12.91	12.73	12.64	12.51	12.48	12.49	12.54	12.59	12.78
83	11.50	11.28	11.09	11.04	10.91	10.89	10.90	10.95	10.97	11.17
84	9.91	9.72	9.55	9.48	9.37	9.34	9.35	9.37	9.43	9.61
85	8.41	8.23	8.07	8.01	7.91	7.88	7.90	7.94	7.99	8.13
86	6.97	6.79	6.62	6.57	6.47	6.46	6.46	6.48	6.54	6.69
87	5.51	5.34	5.17	5.11	5.02	5.03	5.02	5.06	5.09	5.23
88	3.95	3.74	3.56	3.51	3.40	3.41	3.41	3.47	3.53	3.67
89	1.99	1.77	1.55	1.50	1.38	1.39	1.39	1.44	1.54	1.71
90	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES

CANDELA TABULATION - (Cont.)

119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

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CANDELA TABULATION - (Cont.)

180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vert. Angles	Horizontal Angles									
	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0	317.55	317.55	317.55	317.55	317.55	317.55	317.55	317.55	317.55	317.55
1	317.61	317.61	317.61	317.61	317.61	317.64	317.64	317.50	317.47	317.44
2	317.52	317.55	317.55	317.52	317.52	317.49	317.52	317.29	317.26	317.20
3	317.31	317.31	317.31	317.34	317.34	317.31	317.34	316.97	316.88	316.88
4	316.95	317.04	316.98	316.98	316.98	316.95	316.95	316.53	316.43	316.42
5	316.51	316.54	316.51	316.54	316.54	316.51	316.51	315.91	315.82	315.84
6	315.91	315.97	315.91	315.97	315.91	315.94	315.94	315.19	315.13	315.10
7	315.21	315.28	315.25	315.28	315.22	315.28	315.30	314.38	314.31	314.28
8	314.41	314.44	314.44	314.41	314.44	314.44	314.38	313.41	313.37	313.34
9	313.51	313.51	313.52	313.51	313.52	313.51	313.48	312.35	312.31	312.27
10	312.40	312.49	312.48	312.46	312.54	312.48	312.39	311.15	311.12	311.09
11	311.29	311.35	311.32	311.29	311.32	311.26	311.23	309.93	309.89	309.83
12	310.06	310.09	310.09	310.03	310.06	310.02	309.99	308.53	308.55	308.45
13	308.74	308.82	308.78	308.73	308.69	308.64	308.63	307.22	307.19	307.10
14	307.54	307.52	307.48	307.42	307.36	307.36	307.30	305.82	305.78	305.69
15	306.24	306.21	306.15	306.06	306.02	306.02	305.96	304.47	304.39	304.30
16	304.95	304.89	304.80	304.71	304.65	304.59	304.53	302.95	302.87	302.75
17	303.52	303.52	303.37	303.27	303.18	303.12	303.00	301.31	301.22	301.13
18	302.12	302.04	301.94	301.80	301.68	301.62	301.49	299.59	299.52	299.46
19	300.42	300.39	300.24	300.11	299.97	299.91	299.73	297.83	297.70	297.63
20	298.65	298.62	298.45	298.32	298.21	298.12	297.94	295.94	295.87	295.81
21	296.76	296.77	296.59	296.47	296.35	296.26	296.09	294.08	294.07	293.94
22	294.63	294.63	294.54	294.42	294.31	294.34	294.18	291.81	291.81	291.81
23	292.12	292.18	292.12	292.03	291.97	291.96	291.86	289.25	289.26	289.25
24	289.47	289.52	289.46	289.37	289.37	289.34	289.21	286.26	286.33	286.35
25	286.23	286.41	286.38	286.34	286.34	286.38	286.27	283.05	283.10	283.16
26	282.68	282.91	282.95	282.91	282.91	283.03	282.93	279.26	279.37	279.50
27	278.64	278.93	279.10	279.15	279.25	279.32	279.27	275.13	275.24	275.44
28	274.11	274.53	274.70	274.82	274.98	275.09	275.06	270.51	270.69	270.94
29	269.01	269.52	269.76	269.94	270.17	270.47	270.43	265.44	265.77	265.99
30	263.46	264.12	264.44	264.69	264.95	265.23	265.23	260.05	260.39	260.65
31	257.70	258.35	258.75	259.02	259.43	259.75	259.73	254.11	254.44	254.78
32	251.45	252.23	252.68	253.02	253.42	253.77	253.83	248.05	248.26	248.76
33	245.01	245.79	246.30	246.75	247.22	247.62	247.62	241.45	241.80	242.25
34	238.09	239.00	239.63	240.11	240.58	241.10	241.21	234.91	235.07	235.73
35	231.31	232.20	232.78	233.34	233.84	234.46	234.47	227.88	228.27	228.84
36	224.10	225.10	225.79	226.30	226.93	227.56	227.60	220.91	221.38	221.89
37	216.98	218.05	218.70	219.22	219.85	220.50	220.61	213.74	214.22	214.75
38	209.53	210.57	211.26	211.88	212.59	213.25	213.33	206.50	206.97	207.52
39	202.13	203.16	203.92	204.44	205.12	205.85	205.95	199.13	199.52	200.18
40	194.60	195.65	196.41	196.98	197.68	198.42	198.54	191.66	192.08	192.59
41	187.08	188.13	188.89	189.52	190.24	191.00	191.12	184.05	184.47	185.16
42	179.56	180.61	181.37	182.06	182.81	183.57	183.70	176.68	177.23	177.73
43	172.01	173.03	173.75	174.34	175.16	175.92	176.15	169.11	169.68	170.31
44	164.56	165.63	166.39	166.96	167.72	168.51	168.77	161.86	162.46	162.95
45	157.02	158.02	158.82	159.44	160.22	160.94	161.22	154.46	154.93	155.59
46	149.67	150.67	151.39	151.98	152.73	153.47	153.75	146.98	147.61	148.19
47	142.22	143.21	144.01	144.63	145.44	146.13	146.44	139.61	140.21	140.96
48	135.06	135.97	136.70	137.23	138.10	138.81	139.15	132.36	133.03	133.65
49	127.84	128.88	129.62	130.18	131.01	131.70	132.06	125.36	125.94	126.65
50	120.87	121.80	122.50	123.14	123.86	124.64	124.95	118.38	119.10	119.75
51	113.97	114.91	115.60	116.21	117.01	117.72	118.03	111.92	112.53	113.26
52	107.20	108.08	108.79	109.35	110.13	110.81	111.13	105.36	105.90	106.53
53	100.64	101.52	102.23	102.77	103.56	104.26	104.63	98.97	99.47	100.16
54	94.37	95.21	95.85	96.44	97.12	97.91	98.21	92.61	93.12	93.79
55	88.27	89.06	89.73	90.24	91.00	91.73	92.05	86.67	87.20	87.88

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES

CANDELA TABULATION - (Cont.)

56	82.57	83.33	83.91	84.47	85.15	85.78	86.13	81.63	82.18	82.85
57	77.39	78.02	78.57	79.08	79.66	80.41	80.65	76.60	77.17	77.82
58	72.39	73.03	73.52	73.97	74.56	75.25	75.60	71.58	72.15	72.79
59	68.02	68.57	69.03	69.46	69.94	70.58	70.93	67.39	67.93	68.42
60	63.93	64.40	64.81	65.22	65.75	66.35	66.69	63.60	64.15	64.69
61	60.31	60.73	61.14	61.48	62.02	62.56	62.91	60.39	60.98	61.57
62	57.14	57.57	57.91	58.30	58.78	59.32	59.79	57.89	58.52	59.12
63	54.69	55.02	55.39	55.75	56.21	56.80	57.26	55.50	56.11	56.69
64	52.32	52.70	53.04	53.42	53.91	54.46	54.90	53.09	53.63	54.19
65	49.88	50.23	50.59	50.97	51.43	52.01	52.41	50.56	51.07	51.58
66	47.38	47.79	48.13	48.50	48.98	49.52	49.93	47.98	48.46	48.94
67	44.89	45.29	45.65	45.98	46.45	46.96	47.32	45.35	45.77	46.25
68	42.42	42.81	43.17	43.51	43.97	44.49	44.85	42.78	43.21	43.61
69	39.92	40.32	40.68	41.03	41.47	41.95	42.26	40.23	40.63	41.05
70	37.51	37.95	38.24	38.56	39.03	39.51	39.83	37.87	38.28	38.67
71	35.10	35.46	35.82	36.15	36.58	37.03	37.36	35.46	35.82	36.19
72	32.75	33.18	33.47	33.83	34.24	34.68	34.99	33.11	33.46	33.82
73	30.50	30.86	31.18	31.50	31.90	32.34	32.63	30.78	31.11	31.43
74	28.27	28.63	28.92	29.21	29.63	30.04	30.32	28.52	28.85	29.15
75	26.11	26.45	26.76	27.06	27.42	27.84	28.10	26.35	26.67	26.99
76	24.02	24.40	24.67	24.95	25.30	25.69	25.96	24.26	24.56	24.85
77	22.01	22.33	22.61	22.92	23.25	23.68	23.85	22.24	22.56	22.85
78	20.12	20.41	20.65	20.91	21.25	21.60	21.86	20.28	20.56	20.82
79	18.23	18.56	18.80	19.06	19.38	19.73	19.96	18.35	18.62	18.89
80	16.34	16.71	16.95	17.20	17.50	17.85	18.06	16.50	16.77	17.00
81	14.61	14.87	15.10	15.34	15.63	15.97	16.16	14.70	14.95	15.20
82	12.93	13.20	13.39	13.62	13.89	14.20	14.39	13.00	13.25	13.48
83	11.30	11.53	11.75	11.96	12.22	12.50	12.70	11.37	11.60	11.82
84	9.73	9.95	10.14	10.35	10.60	10.87	11.04	9.76	9.98	10.20
85	8.25	8.47	8.64	8.83	9.06	9.35	9.52	8.26	8.47	8.68
86	6.79	6.98	7.17	7.35	7.57	7.83	7.98	6.76	6.96	7.16
87	5.34	5.53	5.69	5.88	6.09	6.36	6.49	5.25	5.46	5.64
88	3.78	3.98	4.17	4.35	4.57	4.81	4.96	3.51	3.73	3.96
89	1.83	2.07	2.26	2.47	2.72	3.01	3.14	1.35	1.61	1.87
90	0.04	0.13	0.25	0.39	0.60	0.87	1.03	0.03	0.03	0.06
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES

CANDELA TABULATION - (Cont.)

117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES

CANDELA TABULATION - (Cont.)

178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles

	300	310	320	330	340	350	360
0	317.55	317.55	317.55	317.55	317.55	317.55	317.55
1	317.47	317.44	317.44	317.38	317.38	317.38	317.41
2	317.29	317.20	317.20	317.17	317.14	317.14	317.14
3	316.91	316.82	316.82	316.79	316.73	316.73	316.70
4	316.46	316.36	316.33	316.30	316.28	316.20	316.21
5	315.85	315.73	315.72	315.64	315.58	315.55	315.52
6	315.13	315.00	315.00	314.88	314.83	314.80	314.77
7	314.31	314.15	314.15	314.04	313.98	313.89	313.89
8	313.33	313.18	313.15	313.06	313.04	312.92	312.89
9	312.31	312.13	312.09	311.97	311.95	311.83	311.80
10	311.12	310.97	310.91	310.79	310.70	310.61	310.64
11	309.83	309.68	309.65	309.50	309.44	309.35	309.29
12	308.42	308.30	308.22	308.10	308.04	307.93	307.89
13	307.09	306.95	306.86	306.76	306.71	306.59	306.53
14	305.68	305.56	305.45	305.30	305.24	305.09	305.05
15	304.27	304.09	304.00	303.82	303.77	303.64	303.58
16	302.74	302.57	302.45	302.30	302.24	302.09	302.06
17	301.12	300.91	300.79	300.67	300.58	300.46	300.43
18	299.36	299.18	299.12	298.94	298.89	298.76	298.70
19	297.59	297.41	297.32	297.15	297.09	296.99	296.96
20	295.77	295.53	295.50	295.32	295.23	295.14	295.11
21	293.90	293.66	293.61	293.42	293.36	293.27	293.21
22	291.80	291.62	291.56	291.50	291.38	291.35	291.34
23	289.30	289.13	289.13	289.03	289.03	289.03	289.07
24	286.43	286.29	286.32	286.28	286.27	286.30	286.43
25	283.29	283.10	283.21	283.21	283.24	283.37	283.47
26	279.61	279.51	279.65	279.73	279.83	280.00	280.25
27	275.60	275.50	275.67	275.78	275.97	276.13	276.45
28	271.13	271.12	271.38	271.52	271.66	271.97	272.35
29	266.18	266.18	266.54	266.64	266.96	267.26	267.74
30	260.96	260.93	261.34	261.50	261.85	262.20	262.68
31	255.15	255.10	255.53	255.79	256.19	256.60	257.04
32	249.15	249.10	249.57	249.90	250.33	250.79	251.24
33	242.61	242.68	243.18	243.50	243.97	244.37	244.98
34	236.10	236.17	236.58	236.94	237.49	237.96	238.47
35	229.18	229.28	229.80	230.15	230.65	231.11	231.66
36	222.30	222.39	222.86	223.21	223.69	224.03	224.61
37	215.15	215.24	215.75	216.12	216.52	216.97	217.43
38	207.96	208.02	208.44	208.77	209.25	209.65	210.17
39	200.65	200.66	201.16	201.42	201.92	202.23	202.75
40	193.07	193.15	193.64	193.94	194.37	194.74	195.25
41	185.62	185.63	186.17	186.45	186.92	187.29	187.74
42	178.22	178.32	178.79	178.96	179.43	179.79	180.25
43	170.75	170.79	171.33	171.61	172.01	172.28	172.69
44	163.44	163.54	164.03	164.28	164.53	164.78	165.19
45	156.10	156.23	156.64	156.82	157.20	157.43	157.81
46	148.65	148.73	149.24	149.43	149.73	149.97	150.26
47	141.35	141.49	142.01	142.26	142.52	142.77	143.07
48	134.16	134.21	134.71	134.96	135.30	135.54	135.77
49	127.17	127.32	127.80	127.99	128.29	128.58	128.83
50	120.27	120.33	120.89	121.11	121.39	121.59	121.78
51	113.74	113.90	114.39	114.61	114.86	115.03	115.26
52	107.09	107.21	107.76	107.85	108.14	108.25	108.46
53	100.63	100.86	101.31	101.53	101.80	101.99	102.08

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES

CANDELA TABULATION - (Cont.)

54	94.33	94.57	95.04	95.31	95.58	95.79	96.02
55	88.44	88.65	89.06	89.30	89.59	89.84	89.94
56	83.38	83.61	84.03	84.25	84.51	84.71	84.79
57	78.33	78.57	79.01	79.20	79.45	79.59	79.66
58	73.28	73.53	73.99	74.15	74.38	74.47	74.52
59	69.00	69.24	69.71	69.81	70.02	70.13	70.20
60	65.21	65.54	65.92	66.12	66.26	66.34	66.32
61	62.10	62.43	62.80	63.00	63.12	63.14	63.12
62	59.64	59.95	60.31	60.50	60.62	60.62	60.55
63	57.17	57.47	57.80	57.95	58.07	58.05	57.99
64	54.62	54.89	55.19	55.30	55.39	55.37	55.30
65	51.98	52.18	52.44	52.54	52.61	52.56	52.45
66	49.33	49.50	49.78	49.83	49.89	49.86	49.77
67	46.59	46.74	47.01	47.12	47.15	47.07	47.00
68	43.96	44.12	44.35	44.40	44.43	44.38	44.30
69	41.38	41.53	41.74	41.82	41.83	41.75	41.63
70	38.99	39.08	39.25	39.27	39.29	39.22	39.07
71	36.45	36.56	36.75	36.78	36.78	36.67	36.55
72	34.11	34.18	34.33	34.33	34.33	34.21	34.09
73	31.70	31.75	31.94	31.97	31.93	31.82	31.70
74	29.40	29.48	29.62	29.62	29.63	29.50	29.39
75	27.23	27.26	27.41	27.44	27.41	27.30	27.17
76	25.09	25.13	25.26	25.25	25.22	25.11	25.01
77	23.06	23.10	23.22	23.20	23.18	23.07	22.95
78	21.02	21.05	21.18	21.16	21.13	21.01	20.91
79	19.07	19.12	19.22	19.23	19.18	19.07	18.99
80	17.19	17.24	17.33	17.32	17.30	17.20	17.11
81	15.38	15.43	15.50	15.50	15.46	15.39	15.31
82	13.65	13.69	13.78	13.78	13.75	13.65	13.57
83	11.98	12.02	12.10	12.08	12.07	11.98	11.90
84	10.34	10.38	10.45	10.45	10.46	10.36	10.29
85	8.82	8.86	8.93	8.91	8.91	8.85	8.79
86	7.31	7.35	7.43	7.41	7.41	7.35	7.29
87	5.80	5.84	5.92	5.92	5.91	5.85	5.79
88	4.13	4.18	4.28	4.28	4.26	4.18	4.12
89	2.09	2.11	2.23	2.25	2.26	2.18	2.09
90	0.10	0.10	0.14	0.14	0.16	0.13	0.11
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES

CANDELA TABULATION - (Cont.)

115	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.01
167	0.01	0.01	0.01	0.01	0.01	0.00	0.01
168	0.01	0.01	0.01	0.01	0.01	0.00	0.01
169	0.01	0.01	0.01	0.01	0.01	0.01	0.00
170	0.01	0.01	0.01	0.01	0.00	0.01	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT**PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES****CANDELA TABULATION - (Cont.)**

176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.01	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT**PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	116.17	N.A.	17.10
0-30	246.71	N.A.	36.30
0-40	390.41	N.A.	57.50
0-60	591.55	N.A.	87.10
0-80	670.17	N.A.	98.60
0-90	679.34	N.A.	100.00
10-90	649.32	N.A.	95.60
20-40	274.24	N.A.	40.40
20-50	395.07	N.A.	58.20
40-70	251.53	N.A.	37.00
60-80	78.62	N.A.	11.60
70-80	28.22	N.A.	4.20
80-90	9.17	N.A.	1.30
90-110	0.01	N.A.	0.00
90-120	0.01	N.A.	0.00
90-130	0.01	N.A.	0.00
90-150	0.01	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	679.35	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	30.02
10-20	86.15
20-30	130.55
30-40	143.70
40-50	120.83
50-60	80.31
60-70	50.40
70-80	28.22
80-90	9.17
90-100	0.01
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

IES INDOOR REPORT

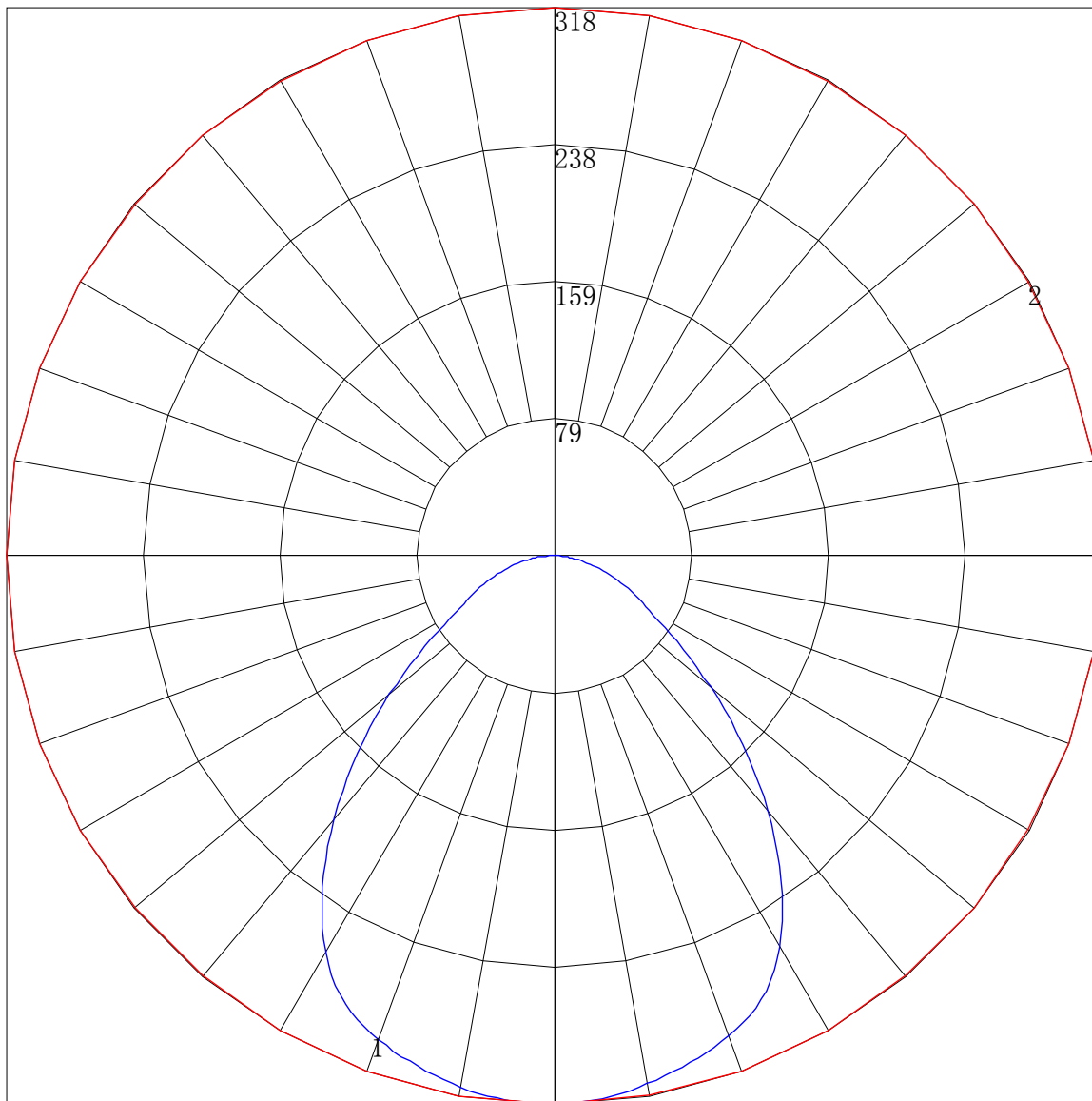
PHOTOMETRIC FILENAME : BTR66.181.19.0007.15 PBX-10P-WG-12U-30K IES.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	102	99	108	104	100	97	100	97	94	96	94	91	92	90	89	87
2	102	94	88	83	99	93	87	82	89	84	80	86	82	79	83	80	77	75
3	94	84	77	71	91	83	76	71	80	74	69	77	72	68	75	71	67	65
4	87	76	68	62	84	75	67	61	72	66	61	70	64	60	68	63	59	57
5	80	69	60	54	78	68	60	54	65	59	54	64	58	53	62	57	52	51
6	75	62	54	48	73	61	54	48	60	53	48	58	52	47	57	51	47	45
7	70	57	49	43	68	56	49	43	55	48	43	53	47	43	52	47	42	40
8	65	52	45	39	64	52	44	39	50	44	39	49	43	39	48	43	38	37
9	61	48	41	36	60	48	40	35	47	40	35	46	40	35	45	39	35	33
10	57	45	37	32	56	44	37	32	43	37	32	42	36	32	42	36	32	30

POLAR GRAPH



Maximum Candela = 317.64 Located At Horizontal Angle = 250, Vertical Angle = 1

1 - Vertical Plane Through Horizontal Angles (250 - 70) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)