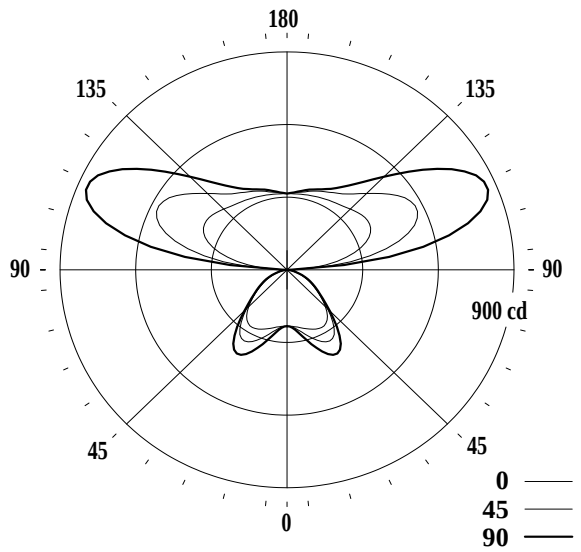
LEDALITE - BOLDPLAY

TEST DATE:	23 Sep 2016	**CATALOG NO:**	**7806LAEQN**
Lamp Type:	LED	**Description:**	BOLDPLAY STD LO 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3513 lm 100.0%
Input Watts:	120 VAC 28.3	**Up/Dn Ratio, Efficacy (lm/W):**	75% Up / 25% Dn 124.1
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	ITL88342-THD1 ITL88346-SPH ITL88346

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	233	233	233	233	233	
5	234	235	237	240	240	23
15	250	255	275	293	300	79
25	270	284	327	368	384	150
35	269	284	326	359	372	199
45	215	218	228	235	239	176
55	142	140	141	144	147	128
65	84	84	85	88	91	85
75	34	35	36	37	38	39
85	6	7	8	8	8	9
90	0	0	0	0	0	
95	104	117	159	207	227	174
105	277	320	460	653	743	503
115	365	418	571	767	862	580
125	377	418	535	667	727	486
135	355	384	446	516	544	350
145	337	356	383	414	425	243
155	327	338	356	365	368	163
165	320	326	336	341	343	95
175	315	318	320	321	321	31
180	315	315	315	315	315	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			275.0	30.0
Direct: Peak Candela & Angle (90deg)			399.0	30.0
Spacing Criteria (0deg, 90deg, 180deg)		1.64	1.79	N/A
Indirect: Peak Candela & Angle			863.0	112.5
Indirect: Zenith Candela, Peak to Zenith			315.0	2.74
Luminous Length, Width, Height (ft)		3.8021	0.2917	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3849	0.3837	3931	0.0020
CRI (Ra), R9			83	5
120V: P(W), I(A), THD(%), PF	28.3	0.237	8.0	0.994
277V: P(W), I(A), THD(%), PF	28.3	0.106	11.6	0.962
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A	N/A

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	101	101	101	101	90	90	90	70	70	70	25
1	92	88	85	81	82	79	76	61	59	57	22
2	84	77	71	67	75	69	64	54	50	48	18
3	77	68	61	55	68	61	55	47	43	40	16
4	70	60	53	47	62	54	47	42	38	34	13
5	64	53	46	40	57	48	41	37	33	29	12
6	59	48	40	34	52	43	36	34	29	25	10
7	54	43	35	30	48	38	32	30	26	22	9
8	50	39	31	26	45	35	28	27	23	19	8
9	47	35	28	23	42	32	25	25	20	17	7
10	44	32	25	20	39	29	23	23	18	15	6

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	252	7.2%	7.2%
0-40	451	12.8%	12.8%
0-60	755	21.5%	21.5%
0-90	889	25.3%	25.3%
90-130	1744	49.6%	49.6%
90-150	2336	66.5%	66.5%
90-180	2625	74.7%	74.7%
0-180	3513	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2261	2261	2261
5	2279	2308	2338
15	2511	2762	3014
25	2891	3501	4111
35	3186	3862	4406
45	2950	3129	3280
55	2402	2385	2487
65	1929	1952	2089
75	1275	1350	1425
85	668	891	891

LUMINAIRE SECTION

LEDALITE

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