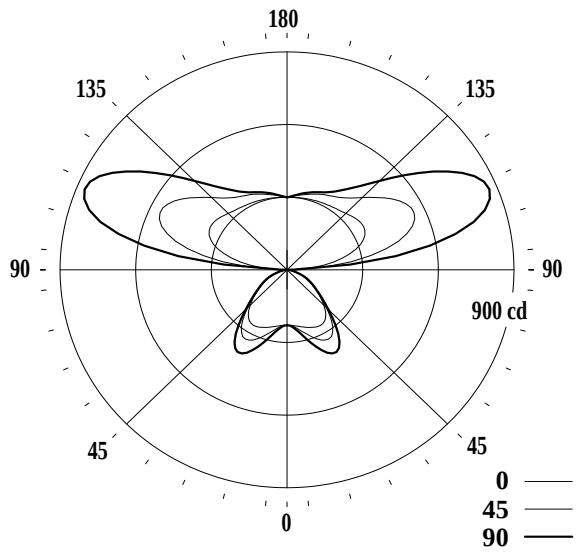
LEDALITE - BOLDPLAY

TEST DATE:	19 Sep 2016	**CATALOG NO:**	**7806LBEQN**
Lamp Type:	LED	**Description:**	BOLDPLAY STD LO 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3416 lm 100.0%
Input Watts:	120 VAC 28.4	**Up/Dn Ratio, Efficacy (lm/W):**	75% Up / 25% Dn 120.3
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	ITL88342-THD1 ITL88345-SPH ITL88345

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	229	229	229	229	229	
5	230	231	233	236	236	23
15	244	250	269	288	295	77
25	261	276	320	361	378	147
35	259	274	315	350	363	193
45	206	210	221	229	232	170
55	137	135	136	140	142	124
65	81	80	82	85	88	82
75	33	34	35	36	36	38
85	6	7	7	7	8	9
90	0	0	0	0	0	
95	99	115	162	226	252	180
105	259	308	458	665	767	502
115	341	397	556	761	862	567
125	350	394	510	645	708	466
135	330	363	422	490	519	331
145	316	338	365	394	406	231
155	309	324	343	352	353	157
165	304	313	323	329	330	91
175	300	303	305	307	308	29
180	299	299	299	299	299	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			265.0	30.0
Direct: Peak Candela & Angle (90deg)			392.0	30.0
Spacing Criteria (0deg, 90deg, 180deg)		1.62	1.79	N/A
Indirect: Peak Candela & Angle			869.0	112.5
Indirect: Zenith Candela, Peak to Zenith			299.0	2.91
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	0.4167	0.3968	3312	0.0000
CRI (Ra), R9			82	-1
120V: P(W), I(A), THD(%), PF	28.4	0.238	8.0	0.994
277V: P(W), I(A), THD(%), PF	28.4	0.107	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	56	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	247	7.2%	7.2%
0-40	440	12.9%	12.9%
0-60	734	21.5%	21.5%
0-90	862	25.2%	25.2%
90-130	1715	50.2%	50.2%
90-150	2277	66.7%	66.7%
90-180	2554	74.8%	74.8%
0-180	3416	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2222	2222	2222
5	2240	2269	2299
15	2451	2702	2963
25	2794	3426	4047
35	3068	3731	4300
45	2827	3033	3184
55	2318	2301	2402
65	1860	1883	2020
75	1237	1312	1350
85	668	779	891

LUMINAIRE SECTION

LEDALITE

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