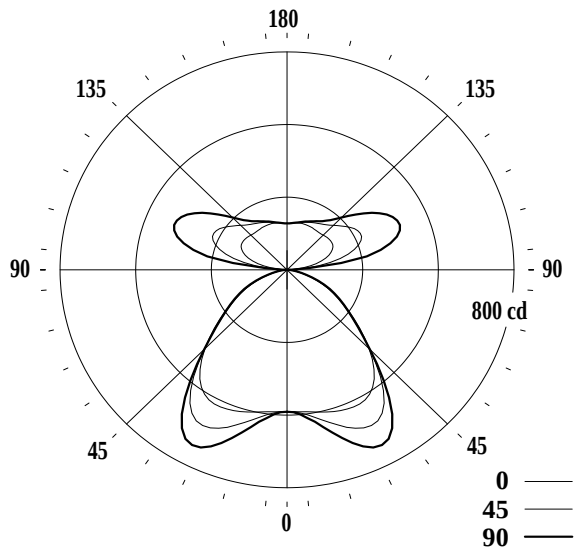
LEDALITE - BOLDPLAY

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7806LAEQD**
Lamp Type:	LED	**Description:**	BOLDPLAY 60%DN LO 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2993 lm 100.0%
Input Watts:	120 VAC 28.3	**Up/Dn Ratio, Efficacy (lm/W):**	44% Up / 56% Dn 105.8
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	ITL88342-THD1 ITL88346-SPH S88347-6

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	521	521	521	521	521	
5	523	524	527	531	533	51
15	540	549	580	609	619	165
25	555	576	640	698	720	293
35	526	545	597	634	647	365
45	409	407	412	414	414	319
55	267	261	259	261	263	236
65	158	157	159	163	167	159
75	64	67	68	70	70	74
85	12	13	14	15	15	17
90	0	0	0	0	0	
95	29	37	54	72	80	73
105	126	157	223	318	377	245
115	176	211	290	380	429	290
125	187	214	272	337	365	246
135	180	198	231	262	272	179
145	177	186	206	218	218	128
155	178	182	192	198	197	88
165	177	177	180	182	182	51
175	172	172	172	172	172	17
180	171	171	171	171	171	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			555.3	25.0
Direct: Peak Candela & Angle (90deg)			725.0	27.5
Spacing Criteria (0deg, 90deg, 180deg)		1.50	1.62	N/A
Indirect: Peak Candela & Angle			430.7	112.5
Indirect: Zenith Candela, Peak to Zenith			170.8	2.52
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	1.074
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	109	109	109	109	101	101	101	87	87	87	56
1	100	95	92	88	93	89	86	77	74	72	48
2	91	84	78	73	84	78	73	68	64	60	41
3	83	74	67	61	77	69	63	60	55	51	35
4	76	66	58	52	71	61	55	54	48	44	30
5	70	59	51	45	65	55	48	48	42	38	26
6	65	53	45	39	60	49	42	43	37	33	23
7	60	48	40	34	56	45	38	39	33	29	21
8	55	43	35	30	52	41	34	36	30	26	18
9	52	39	32	27	48	37	30	33	27	23	17
10	48	36	29	24	45	34	27	30	25	21	15

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	510	17.0%	17.0%
0-40	874	29.2%	29.2%
0-60	1429	47.7%	47.7%
0-90	1678	56.1%	56.1%
90-130	854	28.5%	28.5%
90-150	1160	38.7%	38.7%
90-180	1315	43.9%	43.9%
0-180	2993	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5054	5054	5054
5	5094	5136	5189
15	5427	5826	6214
25	5945	6853	7704
35	6234	7073	7658
45	5615	5659	5674
55	4524	4379	4451
65	3625	3649	3822
75	2416	2537	2617
85	1315	1554	1674

LUMINAIRE SECTION

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