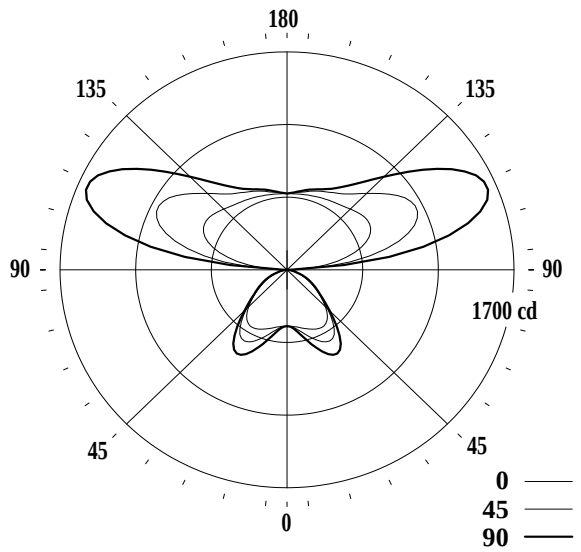
LEDALITE - BOLDPLAY

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7806LAAQN**
Lamp Type:	LED	**Description:**	BOLDPLAY STD HI 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6636 lm 100.0%
Input Watts:	120 VAC 56.5	**Up/Dn Ratio, Efficacy (lm/W):**	75% Up / 25% Dn 117.5
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	ITL88344-THD1 ITL88346-SPH S88346-2

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	440	440	440	440	440	
5	442	444	448	453	453	44
15	472	482	520	554	567	149
25	510	537	618	695	725	284
35	508	537	616	678	703	375
45	406	412	431	444	452	332
55	268	265	266	272	278	243
65	159	159	161	166	172	161
75	64	66	68	70	72	74
85	11	13	15	15	15	17
90	0	0	0	0	0	
95	197	221	300	391	429	329
105	523	605	869	1234	1404	950
115	690	790	1079	1449	1628	1096
125	712	790	1011	1260	1373	919
135	671	725	843	975	1028	661
145	637	673	724	782	803	458
155	618	639	673	690	695	309
165	605	616	635	644	648	179
175	595	601	605	606	606	58
180	595	595	595	595	595	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			519.5	30.0
Direct: Peak Candela & Angle (90deg)			753.7	30.0
Spacing Criteria (0deg, 90deg, 180deg)		1.64	1.79	N/A
Indirect: Peak Candela & Angle			1630.2	112.5
Indirect: Zenith Candela, Peak to Zenith			595.0	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	1.889
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	56.5	0.473	9.4	0.995
277V: P(W), I(A), THD(%), PF	56.0	0.205	10.2	0.987
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	477	7.2%	7.2%
0-40	852	12.8%	12.8%
0-60	1426	21.5%	21.5%
0-90	1678	25.3%	25.3%
90-130	3294	49.6%	49.6%
90-150	4413	66.5%	66.5%
90-180	4958	74.7%	74.7%
0-180	6636	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4271	4271	4271
5	4305	4361	4416
15	4744	5218	5693
25	5460	6613	7766
35	6019	7294	8324
45	5573	5910	6195
55	4538	4506	4697
65	3643	3686	3947
75	2408	2549	2691
85	1262	1682	1682

LUMINAIRE SECTION

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