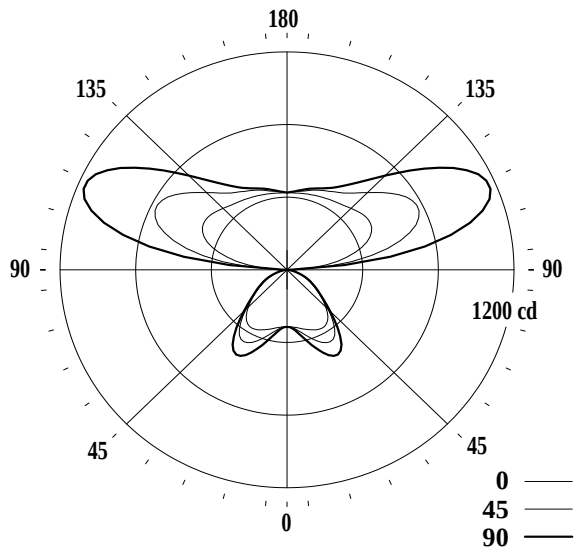
LEDALITE - BOLDPLAY

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7806LACQN**
Lamp Type:	LED	**Description:**	BOLDPLAY STD MID 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4739 lm 100.0%
Input Watts:	120 VAC 39.2	**Up/Dn Ratio, Efficacy (lm/W):**	75% Up / 25% Dn 120.9
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	ITL88343-THD1 ITL88346-SPH S88346-1

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	314	314	314	314	314	
5	316	317	320	324	324	31
15	337	344	371	395	405	106
25	364	383	441	496	518	203
35	363	383	440	484	502	268
45	290	294	308	317	322	237
55	192	189	190	194	198	173
65	113	113	115	119	123	115
75	46	47	49	50	51	53
85	8	9	11	11	11	12
90	0	0	0	0	0	
95	140	158	215	279	306	235
105	374	432	621	881	1002	678
115	492	564	770	1035	1163	783
125	509	564	722	900	981	656
135	479	518	602	696	734	472
145	455	480	517	559	573	327
155	441	456	480	492	496	220
165	432	440	453	460	463	128
175	425	429	432	433	433	41
180	425	425	425	425	425	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			371.0	30.0
Direct: Peak Candela & Angle (90deg)			538.3	30.0
Spacing Criteria (0deg, 90deg, 180deg)		1.64	1.79	N/A
Indirect: Peak Candela & Angle			1164.2	112.5
Indirect: Zenith Candela, Peak to Zenith			424.9	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	1.349
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	39.2	0.327	5.4	0.998
277V: P(W), I(A), THD(%), PF	38.6	0.142	8.8	0.980
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	340	7.2%	7.2%
0-40	608	12.8%	12.8%
0-60	1019	21.5%	21.5%
0-90	1199	25.3%	25.3%
90-130	2352	49.6%	49.6%
90-150	3151	66.5%	66.5%
90-180	3541	74.7%	74.7%
0-180	4739	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3050	3050	3050
5	3075	3114	3153
15	3388	3727	4065
25	3899	4723	5546
35	4298	5209	5944
45	3980	4221	4424
55	3241	3218	3355
65	2602	2633	2818
75	1719	1821	1922
85	901	1201	1201

LUMINAIRE SECTION

LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003