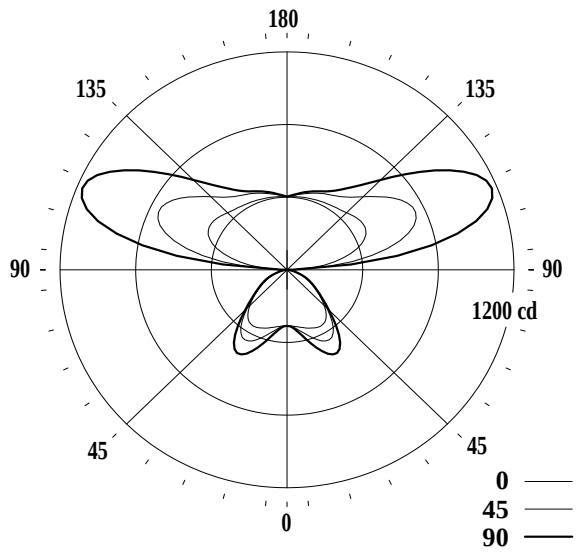
LEDALITE - BOLDPLAY

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7806LBCQN**
Lamp Type:	LED	**Description:**	BOLDPLAY STD MID 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4608 lm 100.0%
Input Watts:	120 VAC 39.4	**Up/Dn Ratio, Efficacy (lm/W):**	75% Up / 25% Dn 117.0
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	ITL88343-THD1 ITL88345-SPH S88345-1

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	309	309	309	309	309	
5	310	312	314	318	318	31
15	329	337	363	389	398	104
25	352	372	432	487	510	198
35	349	370	425	472	490	260
45	278	283	298	309	313	229
55	185	182	184	189	192	168
65	109	108	111	115	119	111
75	45	46	47	49	49	51
85	8	9	9	9	11	12
90	0	0	0	0	0	
95	134	155	219	305	340	243
105	349	416	618	897	1035	678
115	460	536	750	1027	1163	765
125	472	532	688	870	955	628
135	445	490	569	661	700	447
145	426	456	492	532	548	311
155	417	437	463	475	476	211
165	410	422	436	444	445	123
175	405	409	411	414	416	40
180	403	403	403	403	403	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			357.5	30.0
Direct: Peak Candela & Angle (90deg)			528.8	30.0
Spacing Criteria (0deg, 90deg, 180deg)		1.62	1.79	N/A
Indirect: Peak Candela & Angle			1172.3	112.5
Indirect: Zenith Candela, Peak to Zenith			403.4	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	1.349
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	39.4	0.329	5.4	0.998
277V: P(W), I(A), THD(%), PF	38.8	0.143	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	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	333	7.2%	7.2%
0-40	593	12.9%	12.9%
0-60	990	21.5%	21.5%
0-90	1163	25.2%	25.2%
90-130	2314	50.2%	50.2%
90-150	3072	66.7%	66.7%
90-180	3445	74.8%	74.8%
0-180	4608	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2997	2997	2997
5	3022	3061	3101
15	3306	3645	3998
25	3769	4622	5459
35	4139	5033	5800
45	3813	4091	4295
55	3126	3104	3241
65	2509	2540	2726
75	1669	1770	1821
85	901	1051	1201

LUMINAIRE SECTION

LEDALITE

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