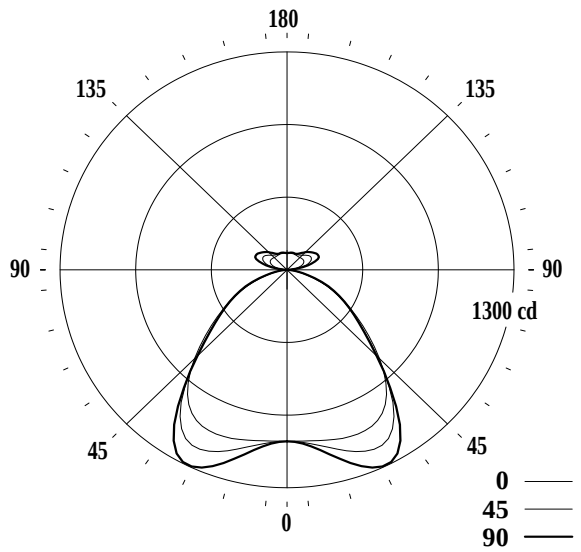
LEDALITE - BOLDPLAY

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7806LACQG**
Lamp Type:	LED	**Description:**	BOLDPLAY 80%DN MID 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3736 lm 100.0%
Input Watts:	120 VAC 39.2	**Up/Dn Ratio, Efficacy (lm/W):**	18% Up / 82% Dn 95.3
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	ITL88343-THD1 ITL88346-SPH S88348-7

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1023	1023	1023	1023	1023	
5	1026	1027	1033	1039	1040	100
15	1048	1059	1107	1152	1166	315
25	1058	1084	1181	1264	1294	541
35	981	1000	1068	1113	1127	655
45	749	739	732	727	726	569
55	487	475	465	465	468	424
65	288	284	286	293	297	285
75	117	119	120	123	126	132
85	20	23	25	26	26	30
90	0	0	0	0	0	
95	15	16	19	20	20	28
105	78	90	117	136	145	118
115	106	120	154	191	199	152
125	110	120	149	178	180	132
135	104	110	123	146	149	99
145	101	104	110	117	119	70
155	101	104	107	107	107	49
165	101	103	104	106	106	30
175	100	100	100	101	101	10
180	100	100	100	100	100	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1060.7	22.5
Direct: Peak Candela & Angle (90deg)			1294.0	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.45	1.54	N/A
Indirect: Peak Candela & Angle			198.5	115.0
Indirect: Zenith Candela, Peak to Zenith			100.0	1.99
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	1.449
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	115	115	115	115	110	110	110	101	101	101	82
1	106	101	98	94	101	97	94	90	87	85	70
2	97	89	83	78	93	86	80	80	75	71	60
3	89	79	72	66	85	76	69	71	65	61	51
4	81	70	62	56	78	68	61	63	57	52	44
5	75	63	55	49	72	61	53	57	50	45	39
6	69	57	49	43	66	55	47	51	45	40	34
7	64	52	43	38	62	50	42	47	40	35	30
8	60	47	39	34	57	46	38	43	36	32	27
9	56	43	35	30	54	42	35	39	33	29	24
10	52	40	32	27	50	39	32	36	30	26	22

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	955	25.6%	25.6%
0-40	1610	43.1%	43.1%
0-60	2603	69.7%	69.7%
0-90	3050	81.6%	81.6%
90-130	429	11.5%	11.5%
90-150	598	16.0%	16.0%
90-180	686	18.4%	18.4%
0-180	3736	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	9926	9926	9926
5	9992	10063	10133
15	10524	11120	11717
25	11324	12643	13853
35	11620	12650	13353
45	10280	10041	9961
55	8236	7868	7917
65	6620	6554	6820
75	4400	4509	4726
85	2258	2742	2904

LUMINAIRE SECTION

LEDALITE

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