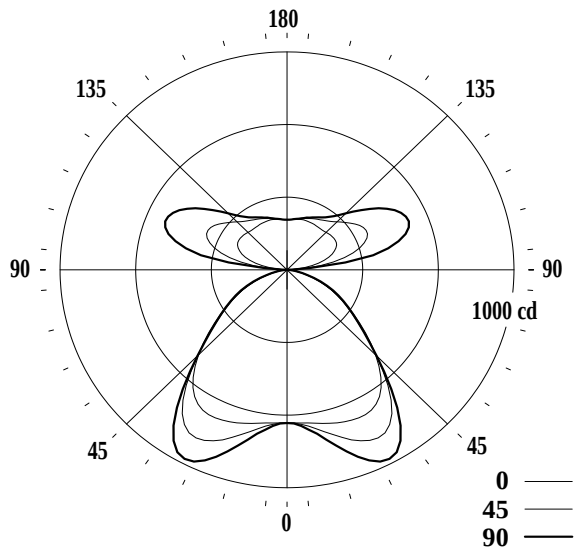
LEDALITE - BOLDPLAY

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7806LACQD**
Lamp Type:	LED	**Description:**	BOLDPLAY 60%DN MID 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4039 lm 100.0%
Input Watts:	120 VAC 39.2	**Up/Dn Ratio, Efficacy (lm/W):**	44% Up / 56% Dn 103.0
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	ITL88343-THD1 ITL88346-SPH S88347-7

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	703	703	703	703	703	
5	706	707	712	716	719	69
15	729	740	783	822	835	223
25	749	777	864	942	971	396
35	710	735	806	855	872	492
45	552	549	556	558	558	430
55	361	352	349	352	355	319
65	213	212	215	220	225	214
75	87	90	91	94	94	100
85	16	17	19	20	20	23
90	0	0	0	0	0	
95	39	49	73	97	107	98
105	170	212	301	429	509	331
115	238	284	391	513	578	391
125	252	288	367	455	493	332
135	243	267	312	354	367	241
145	239	251	278	294	294	172
155	241	245	259	267	265	119
165	239	239	243	245	245	69
175	232	232	232	232	232	22
180	230	230	230	230	230	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			749.1	25.0
Direct: Peak Candela & Angle (90deg)			978.1	27.5
Spacing Criteria (0deg, 90deg, 180deg)		1.50	1.62	N/A
Indirect: Peak Candela & Angle			581.0	112.5
Indirect: Zenith Candela, Peak to Zenith			230.4	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	1.449
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	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	688	17.0%	17.0%
0-40	1180	29.2%	29.2%
0-60	1928	47.7%	47.7%
0-90	2264	56.1%	56.1%
90-130	1152	28.5%	28.5%
90-150	1565	38.7%	38.7%
90-180	1774	43.9%	43.9%
0-180	4039	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6819	6819	6819
5	6873	6930	7000
15	7321	7860	8384
25	8020	9246	10394
35	8410	9543	10332
45	7576	7635	7655
55	6104	5907	6005
65	4890	4924	5157
75	3259	3422	3531
85	1774	2097	2258

LUMINAIRE SECTION

LEDALITE

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