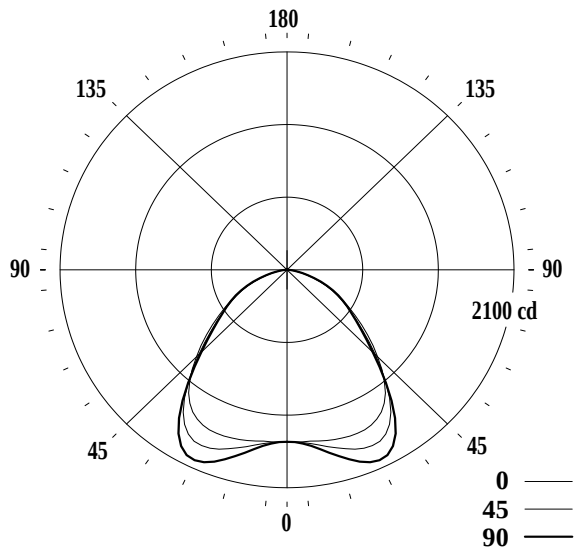
LEDALITE - BOLDPLAY

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7806LBAQJ**
Lamp Type:	LED	**Description:**	BOLDPLAY 100%DN HI 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4848 lm 100.0%
Input Watts:	120 VAC 56.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 85.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ITL88344-THD1 ITL88345-SPH S88349-5

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1657	1657	1657	1657	1657	
5	1663	1663	1671	1679	1681	161
15	1693	1707	1776	1841	1859	505
25	1701	1732	1868	1983	2024	855
35	1569	1588	1675	1734	1742	1029
45	1186	1170	1154	1135	1123	894
55	771	756	734	728	728	669
65	458	452	454	460	470	452
75	189	191	193	197	199	211
85	36	38	41	41	41	48
90	0	0	0	0	0	
95	2	2	2	2	0	2
105	2	4	4	6	2	4
115	4	4	6	4	4	5
125	4	6	4	4	4	4
135	4	4	4	6	6	3
145	4	4	4	6	6	3
155	4	4	4	4	6	2
165	4	4	4	2	4	1
175	2	2	2	2	2	0
180	2	2	2	2	2	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1704.7	20.0
Direct: Peak Candela & Angle (90deg)			2024.3	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.44	1.50	N/A
Indirect: Peak Candela & Angle			5.9	132.5
Indirect: Zenith Candela, Peak to Zenith			2.0	3.00
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	1.973
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	56.7	0.475	9.4	0.995
277V: P(W), I(A), THD(%), PF	56.2	0.206	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	119	119	119	119	116	116	116	111	111	111	100
1	110	106	102	98	107	103	100	99	96	93	86
2	101	93	87	82	98	91	86	88	83	79	73
3	92	83	75	69	90	81	74	78	72	67	63
4	85	74	66	59	83	72	65	70	63	58	54
5	78	66	58	51	76	65	57	63	56	51	47
6	73	60	51	45	71	59	51	57	50	45	42
7	67	54	46	40	66	54	46	52	45	40	37
8	63	50	42	36	61	49	41	48	41	36	33
9	59	46	38	32	57	45	38	44	37	32	30
10	55	42	35	29	54	42	34	41	34	29	27

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1521	31.4%	31.4%
0-40	2550	52.6%	52.6%
0-60	4113	84.8%	84.8%
0-90	4824	99.5%	99.5%
90-130	14	0.3%	0.3%
90-150	21	0.4%	0.4%
90-180	24	0.5%	0.5%
0-180	4848	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	16081	16081	16081
5	16200	16277	16373
15	17005	17837	18670
25	18208	20003	21672
35	18579	19841	20636
45	16271	15838	15405
55	13050	12416	12316
65	10509	10419	10781
75	7101	7249	7471
85	3954	4613	4613

LUMINAIRE SECTION

LEDALITE

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