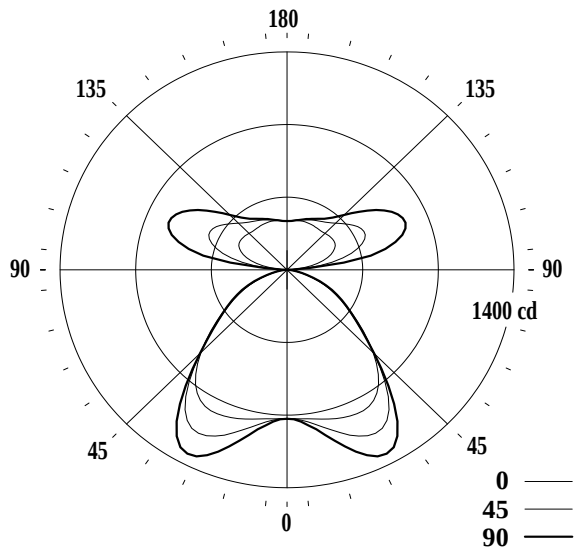
LEDALITE - SYNC

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7406LBAQD**
Lamp Type:	LED	**Description:**	SYNC 60%DN HI 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5499 lm 100.0%
Input Watts:	120 VAC 56.7	**Up/Dn Ratio, Efficacy (lm/W):**	44% Up / 56% Dn 97.0
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	ITL88344-THD1 ITL88345-SPH S88347-5

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	957	957	957	957	957	
5	961	963	969	975	979	94
15	992	1008	1065	1119	1136	304
25	1020	1058	1176	1283	1322	539
35	967	1000	1097	1164	1188	670
45	752	748	758	760	760	585
55	491	479	476	479	483	434
65	290	288	292	300	306	291
75	118	122	124	128	128	136
85	22	24	26	28	28	31
90	0	0	0	0	0	
95	53	67	99	132	146	133
105	231	288	410	584	693	451
115	324	387	533	698	787	532
125	343	393	499	620	671	452
135	332	363	424	481	499	328
145	326	341	379	401	401	234
155	328	333	353	363	361	162
165	326	326	332	333	333	94
175	316	316	316	316	316	30
180	314	314	314	314	314	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1020.0	25.0
Direct: Peak Candela & Angle (90deg)			1331.8	27.5
Spacing Criteria (0deg, 90deg, 180deg)		1.50	1.62	N/A
Indirect: Peak Candela & Angle			791.2	112.5
Indirect: Zenith Candela, Peak to Zenith			313.7	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	1.973
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	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	936	17.0%	17.0%
0-40	1606	29.2%	29.2%
0-60	2625	47.7%	47.7%
0-90	3083	56.1%	56.1%
90-130	1568	28.5%	28.5%
90-150	2130	38.7%	38.7%
90-180	2416	43.9%	43.9%
0-180	5499	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	9285	9285	9285
5	9359	9436	9532
15	9969	10702	11416
25	10921	12589	14152
35	11451	12994	14069
45	10315	10396	10423
55	8311	8044	8177
65	6659	6704	7021
75	4438	4660	4808
85	2416	2855	3075

LUMINAIRE SECTION

LEDALITE

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