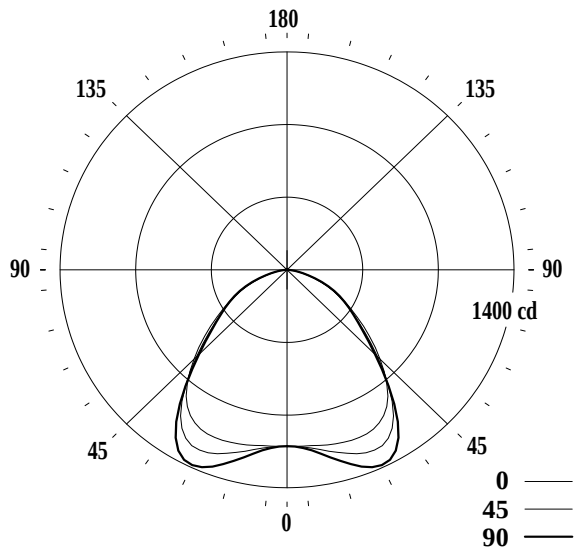
LEDALITE - SYNC

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7406LCCQJ**
Lamp Type:	LED	**Description:**	SYNC 100%DN MID 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3315 lm 100.0%
Input Watts:	120 VAC 39.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 83.9
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ITL88343-THD1 ITL88342-SPH S88349-1

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1133	1133	1133	1133	1133	
5	1137	1137	1143	1148	1149	110
15	1157	1167	1214	1259	1271	345
25	1163	1184	1278	1356	1384	585
35	1073	1086	1145	1186	1191	704
45	811	800	789	776	768	611
55	528	517	502	498	498	457
65	313	309	310	314	321	309
75	130	131	132	135	136	145
85	24	26	28	28	28	33
90	0	0	0	0	0	
95	1	1	1	1	0	1
105	1	3	3	4	1	3
115	3	3	4	3	3	3
125	3	4	3	3	3	3
135	3	3	3	4	4	2
145	3	3	3	4	4	2
155	3	3	3	3	4	1
165	3	3	3	1	3	1
175	1	1	1	1	1	0
180	1	1	1	1	1	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1165.5	20.0
Direct: Peak Candela & Angle (90deg)			1384.1	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.44	1.50	N/A
Indirect: Peak Candela & Angle			4.0	132.5
Indirect: Zenith Candela, Peak to Zenith			1.3	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	1.349
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4338	0.4031	3045	0.0000
CRI (Ra), R9			84	10
120V: P(W), I(A), THD(%), PF	39.5	0.330	5.4	0.998
277V: P(W), I(A), THD(%), PF	38.9	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	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	1040	31.4%	31.4%
0-40	1744	52.6%	52.6%
0-60	2812	84.8%	84.8%
0-90	3298	99.5%	99.5%
90-130	10	0.3%	0.3%
90-150	14	0.4%	0.4%
90-180	16	0.5%	0.5%
0-180	3315	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	10995	10995	10995
5	11076	11129	11195
15	11627	12196	12765
25	12449	13677	14818
35	12703	13566	14109
45	11125	10829	10533
55	8923	8489	8421
65	7185	7124	7371
75	4855	4956	5108
85	2703	3154	3154

LUMINAIRE SECTION

LEDALITE

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