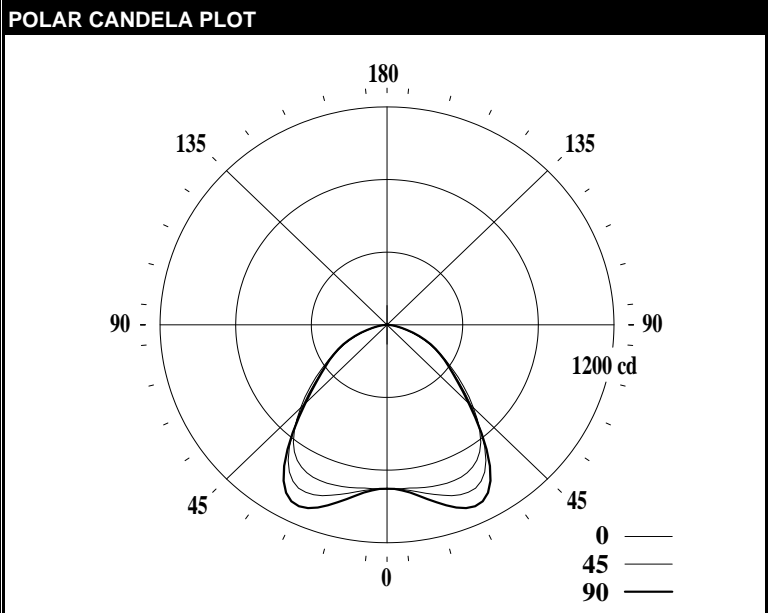


LEDALITE - SYNC

TEST DATE:	09 Jan 2019		CATALOG NO:	7406LAEQJ	
Lamp Type:	LED		Description:	SYNC 100%DN LO 840	
No. of Lamps:	176				
Rated Lamp Lumens:	-1		Flux (lm), Efficiency (%):	2639 lm	100.0%
Input Watts:	120 VAC	28.3	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 93.3	
CIE-IES Classification:	Direct		Report (Ele, Col, Photo):	ITL88342-THD1	ITL88346-SPH S88349-6

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	902	902	902	902	902	
5	905	905	910	914	915	88
15	922	929	967	1002	1012	275
25	926	943	1017	1079	1102	466
35	854	865	912	944	948	560
45	646	637	628	618	611	487
55	420	411	400	396	396	364
65	249	246	247	250	256	246
75	103	104	105	107	109	115
85	19	20	23	23	23	26
90	0	0	0	0	0	
95	1	1	1	1	0	1
105	1	2	2	3	1	2
115	2	2	3	2	2	3
125	2	3	2	2	2	2
135	2	2	2	3	3	2
145	2	2	2	3	3	2
155	2	2	2	2	3	1
165	2	2	2	1	2	1
175	1	1	1	1	1	0
180	1	1	1	1	1	



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces					
Direct: Peak Candela & Angle (0deg)	927.9	20.0				
Direct: Peak Candela & Angle (90deg)	1101.9	25.0				
Spacing Criteria (0deg, 90deg, 180deg)	1.44	1.50	N/A			
Indirect: Peak Candela & Angle	3.2	132.5				
Indirect: Zenith Candela, Peak to Zenith	1.1	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	1.074				
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	28.3	0.237	8.0	0.994		
277V: P(W), I(A), THD(%), PF	28.3	0.106	11.6	0.962		
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	828	31.4%	31.4%
0-40	1388	52.6%	52.6%
0-60	2239	84.8%	84.8%
0-90	2626	99.5%	99.5%
90-130	8	0.3%	0.3%
90-150	11	0.4%	0.4%
90-180	13	0.5%	0.5%
0-180	2639	100.0%	100.0%

AVG LUMINANCE (cd/m²)

	0	45	90
0	8754	8754	8754
5	8818	8860	8913
15	9257	9710	10163
25	9911	10889	11797
35	10114	10801	11233
45	8857	8621	8386
55	7104	6759	6704
65	5721	5671	5869
75	3865	3946	4067
85	2152	2511	2511



LEDALITE

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

LUMINAIRE SECTION

Blank section for luminaire details.