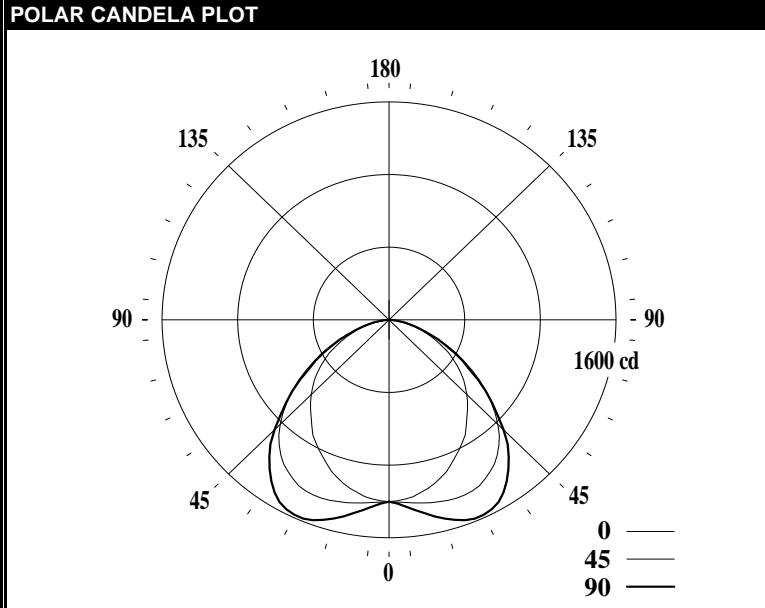


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE: 05 Jun 2019		CATALOG NO: 29x1LADQN	
Lamp Type: LED	Description: TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED XHI 840		
No. of Lamps: 88			
Rated Lamp Lumens: -1	Flux (lm), Efficiency (%): 4071 lm 100.0%		
Input Watts: 120 VAC 39.0	Up/Dn Ratio, Efficacy (lm/W): 0% Up / 100% Dn 104.4		
CIE-IES Classification: Direct	Report (Ele, Col, Photo): TGSEI-04 T20190611 S07571-C		

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1335	1335	1335	1335	1335	
5	1321	1330	1346	1358	1378	129
15	1243	1289	1382	1466	1510	391
25	1107	1203	1387	1535	1580	630
35	949	1067	1294	1441	1446	780
45	776	891	1085	1168	1143	789
55	587	670	784	810	765	656
65	372	421	456	474	439	436
75	176	197	199	208	190	211
85	39	43	37	45	34	49
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	



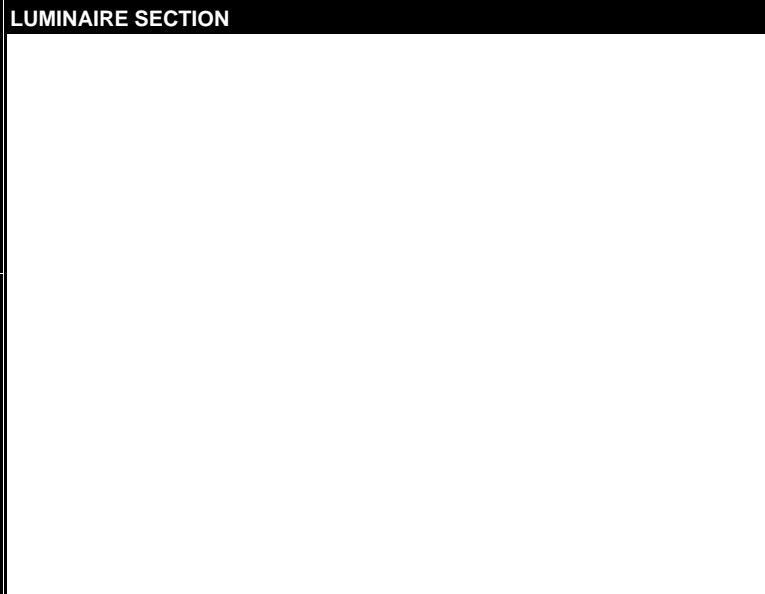
CHARACTERISTICS			
RP1	None		
Direct: Peak Candela & Angle (0deg)	1335.1	0.0	
Direct: Peak Candela & Angle (90deg)	1579.8	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	
Luminous Length, Width, Height (ft)	4.00	0.25 0.00	
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	2.944	
DLC (120/277), DLC (347)	N/A	N/A	
x, y, CCT, Duv	0.3772	0.3752	4078 0.0002
CRI (Ra), R9	81		6
120V: P(W), I(A), THD(%), PF	39.0	0.326	5.1 0.998
277V: P(W), I(A), THD(%), PF	38.4	0.142	8.3 0.973
347V: P(W), I(A), THD(%), PF	38.2	0.112	6.5 0.979

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	109	105	101	97	107	103	99	98	95	93	85		
2	100	92	85	80	97	90	84	87	82	77	72		
3	91	81	73	67	89	79	72	77	70	65	61		
4	84	72	63	57	81	71	63	68	61	56	52		
5	77	64	56	49	75	63	55	61	54	48	45		
6	71	58	49	43	69	57	49	55	48	42	39		
7	66	52	44	38	64	52	43	50	43	37	35		
8	61	48	39	34	60	47	39	46	39	33	31		
9	57	44	36	30	56	43	35	42	35	30	28		
10	54	40	33	27	52	40	32	39	32	27	25		

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1150	28.2%	28.2%
0-40	1930	47.4%	47.4%
0-60	3374	82.9%	82.9%
0-90	4071	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	4071	100.0%	100.0%

AVG LUMINANCE (cd/m²)			
	0	45	90
0	14366	14366	14366
5	14265	14542	14879
15	13846	15391	16824
25	13146	16467	18752
35	12468	17000	19000
45	11800	16513	17387
55	11013	14702	14354
65	9467	11603	11184
75	7295	8274	7907
85	4761	4580	4180



LEDALITE

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