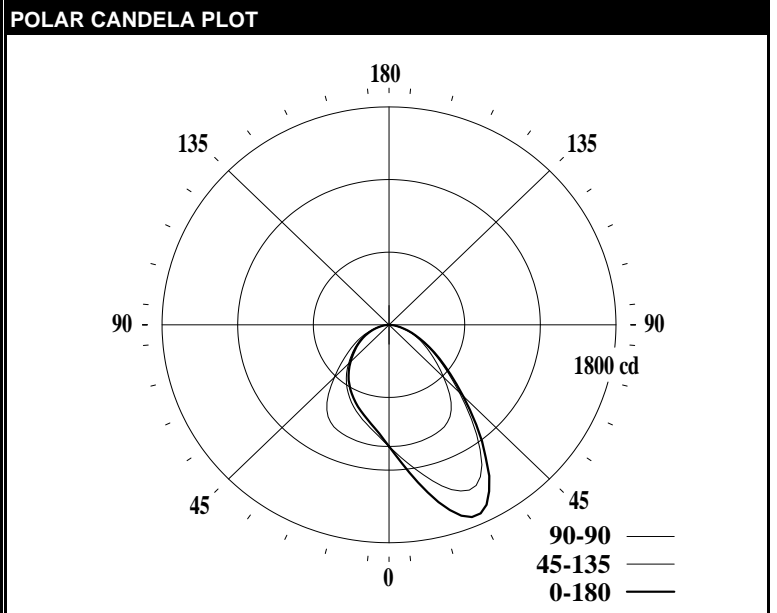


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019		<b>CATALOG NO:</b>	29x1LCEWN	
<b>Lamp Type:</b>	LED		<b>Description:</b>	TRUGROOVE SUSPEND/SURFACE/WALL DIRECT ASY LED HI 830	
<b>No. of Lamps:</b>	88				
<b>Rated Lamp Lumens:</b>	-1		<b>Flux (lm), Efficiency (%):</b>	2694 lm	100.0%
<b>Input Watts:</b>	277 VAC	28.3	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn	95.2
<b>CIE-IES Classification:</b>	Direct		<b>Report (Ele, Col, Photo):</b>	TGSEI-03	T20190608 S83733-F

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	1005	1005	1005	1005	1005	
5	1144	1101	1005	925	900	97
15	1516	1334	992	810	771	303
25	1719	1506	962	706	667	499
35	1336	1260	859	589	559	567
45	831	788	612	454	432	481
55	489	466	397	329	315	358
65	270	264	244	215	207	239
75	123	119	113	108	106	122
85	23	21	23	25	27	29
90	0	0	0	0	0	
95	0	0	0	0	0	
105	0	0	0	0	0	
115	0	0	0	0	0	
125	0	0	0	0	0	
135	0	0	0	0	0	
145	0	0	0	0	0	
155	0	0	0	0	0	
165	0	0	0	0	0	
175	0	0	0	0	0	
180	0	0	0	0	0	



CHARACTERISTICS				
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)		1718.5	22.5	
Direct: Peak Candela & Angle (180deg)		1004.5	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92	
Indirect: Peak Candela & Angle		N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith		N/A	N/A	
Luminous Length, Width, Height (ft)	0.25	4.00	0.00	
UGR (4H x 8H, 0.25H)		N/A		
Ballast Factor, Multiplication Factor		1.000	2.046	
DLC (120/277), DLC (347)		N/A	N/A	
x, y, CCT, Duv	0.4309	0.4003	3073	-0.0007
CRI (Ra), R9		83	10	
120V: P(W), I(A), THD(%), PF	28.1	0.236	9.1	0.990
277V: P(W), I(A), THD(%), PF	28.3	0.106	10.3	0.960
347V: P(W), I(A), THD(%), PF	28.0	0.084	8.1	0.966

COEFFICIENTS OF UTILIZATION (%)														
Pc---	80				70				50				0	
Pw---	70	50	30	10	70	50	30	50	30	10	50	30	10	0
RCR	0	119	119	119	119	116	116	116	111	111	111	111	111	100
1	110	106	102	98	107	103	100	99	96	94	94	86	86	
2	101	94	87	82	98	92	86	88	83	79	74	74	74	
3	93	83	76	70	90	82	75	79	73	68	64	64	64	
4	86	74	66	60	83	73	65	71	64	59	55	55	55	
5	79	67	59	52	77	66	58	64	57	52	48	48	48	
6	73	61	52	46	71	60	52	58	51	46	43	43	43	
7	68	55	47	41	66	55	47	53	46	41	38	38	38	
8	64	51	43	37	62	50	42	49	42	37	34	34	34	
9	59	47	39	33	58	46	38	45	38	33	31	31	31	
10	56	43	35	30	55	43	35	42	35	30	28	28	28	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	899	33.4%	33.4%
0-40	1466	54.4%	54.4%
0-60	2305	85.6%	85.6%
0-90	2694	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	2694	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	10808	10808	10808
5	12352	10850	9723
15	16887	11053	8592
25	20402	11416	7918
35	17548	11287	7336
45	12639	9308	6569
55	9172	7445	5910
65	6875	6198	5261
75	5103	4678	4423
85	2778	2778	3283

LUMINAIRE SECTION	



**LEDALITE**

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