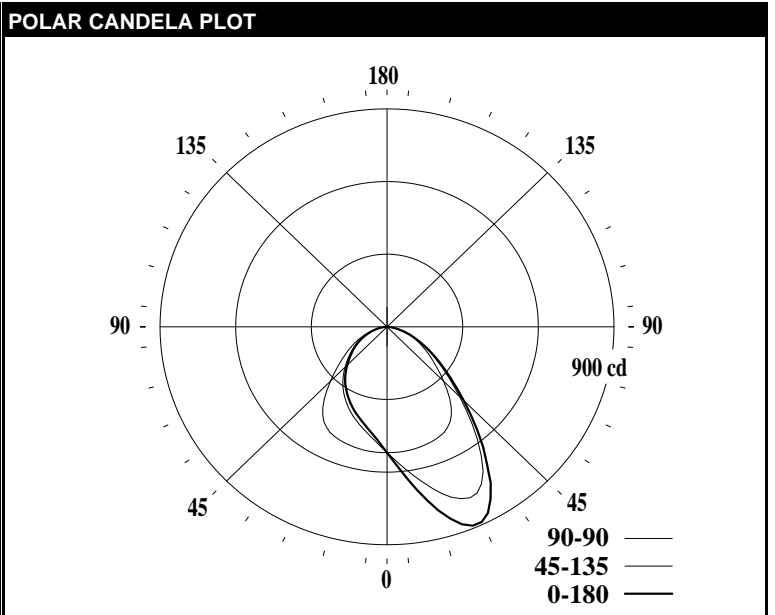


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x1LAKWN
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPEND/SURFACE/WALL DIRECT ASY LED STD 840
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	1394 lm 100.0%
<b>Input Watts:</b>	277 VAC 14.0	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 99.6
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	TGSEI-01 T20190611 S83733-B

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	520	520	520	520	520	
5	592	569	520	478	466	50
15	784	690	513	419	399	157
25	889	779	497	365	345	258
35	691	652	444	305	289	293
45	430	407	316	235	223	249
55	253	241	205	170	163	185
65	140	137	126	111	107	124
75	64	61	58	56	55	63
85	12	11	12	13	14	15
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	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	888.9	22.5	
Direct: Peak Candela & Angle (180deg)	519.6	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	1.058	
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	13.7	0.116	11.8 0.990
277V: P(W), I(A), THD(%), PF	14.0	0.054	16.1 0.930
347V: P(W), I(A), THD(%), PF	14.0	0.043	12.1 0.946

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

\*Based on a floor reflectance of 0.2

**LEDALITE**

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

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	465	33.4%	33.4%
0-40	759	54.4%	54.4%
0-60	1192	85.6%	85.6%
0-90	1394	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	1394	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	5591	5591	5591
5	6389	5612	5029
15	8735	5717	4444
25	10553	5905	4096
35	9077	5838	3795
45	6538	4815	3398
55	4744	3851	3057
65	3556	3206	2721
75	2640	2420	2288
85	1437	1437	1698

LUMINAIRE SECTION	