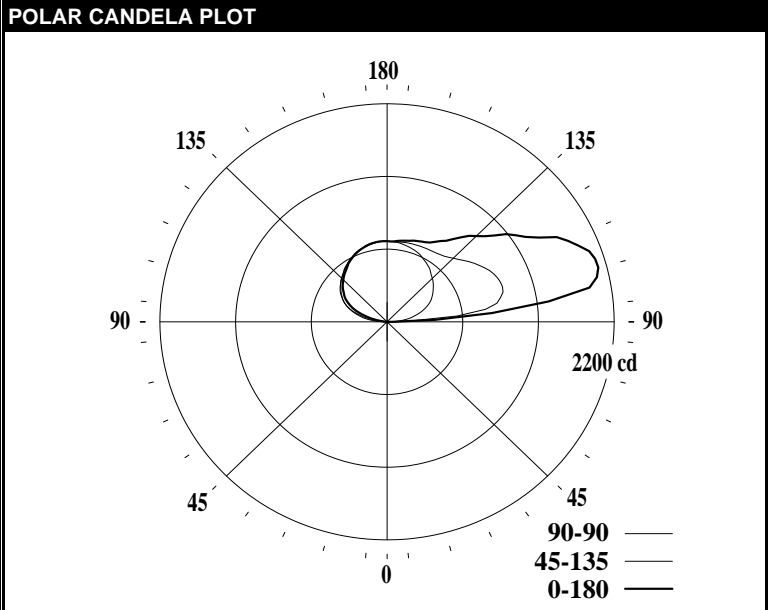


# LEDALITE - TRUGROOVE COVE

<b>TEST DATE:</b>	26 Nov 2019	<b>CATALOG NO:</b>	TC08L82750LN04xDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE COVE FILL 5000LM 827
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4385 lm 100.0%
<b>Input Watts:</b>	120 VAC 39.1	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	99% Up / 1% Dn 112.1
<b>CIE-IES Classification:</b>	Indirect	<b>Report:</b>	LNG00693


CANDELA DISTRIBUTION						
	Flux					
	0	45	90	135	180	Lumens
0	5	5	5	5	5	
5	5	5	5	5	5	0
15	3	4	4	4	4	1
25	2	3	4	3	3	2
35	1	4	5	4	3	2
45	0	6	6	5	2	4
55	0	8	8	7	3	6
65	0	11	10	9	4	8
75	0	15	11	11	5	11
85	0	21	12	12	5	18
90	47	78	29	14	4	
95	1022	683	133	35	17	329
105	2119	1163	315	284	207	754
115	1934	1142	455	457	397	797
125	1522	1031	545	554	512	707
135	1223	908	621	623	600	595
145	998	843	691	688	674	482
155	886	829	751	749	745	364
165	847	822	786	794	792	228
175	815	810	810	814	814	78
180	814	814	814	814	814	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	47.1	90.0	
Direct: Peak Candela & Angle (180deg)	5.2	5.0	
Spacing Criteria (0deg, 90deg, 180deg)	0.65	1.85	0.48
Indirect: Peak Candela & Angle	2118.6	105.0	
Indirect: Zenith Candela, Peak to Zenith	813.5	2.60	
Luminous Length, Width, Height (ft)	0.35	4.00	0.02
UGR (4H x 8H, 0.25H)	N/A		
Melanopic Ratio	N/A		
DLC (120/277), DLC (347)	N/A		N/A
x, y, CCT, Duv	0.4500	0.4041	2792 0.0015
CRI (Ra), R9	82		7
120V: P(W), I(A), THD(%), PF	39.1	0.350	5.9 0.997
277V: P(W), I(A), THD(%), PF	39.0	0.150	8.7 0.967
347V: P(W), I(A), THD(%), PF	39.9	0.130	6.2 0.972

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	96	96	96	96	82	82	82	56	56	56	1	
	1	87	83	79	76	74	71	68	49	47	45	1	
	2	79	72	66	61	67	62	57	42	40	37	0	
	3	72	63	56	51	61	54	49	37	34	31	0	
	4	65	56	48	43	56	48	42	33	29	26	0	
	5	60	49	42	36	51	42	36	29	25	22	0	
	6	55	44	36	31	47	38	31	26	22	19	0	
	7	50	39	32	27	43	34	28	23	19	17	0	
	8	47	35	28	23	40	30	24	21	17	14	0	
	9	43	32	25	20	37	27	22	19	15	13	0	
	10	40	29	22	18	34	25	19	17	14	11	0	

\*Based on a floor reflectance of 0.2



## LEDALITE

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19750 - 92A Avenue  
Langley, BC  
CANADA V1M 3B2  
Phone: 604-888-6811  
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604-888-2003

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	3	0.1%	0.1%
0-40	5	0.1%	0.1%
0-60	15	0.3%	0.3%
0-90	52	1.2%	1.2%
90-130	2587	59.0%	59.0%
90-150	3664	83.6%	83.6%
90-180	4333	98.8%	98.8%
0-180	4385	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	36	36	36
5	35	38	40
15	26	34	27
25	15	35	25
35	6	47	23
45	0	67	22
55	0	106	35
65	0	178	57
75	0	332	113
85	0	1009	251

LUMINAIRE SECTION	