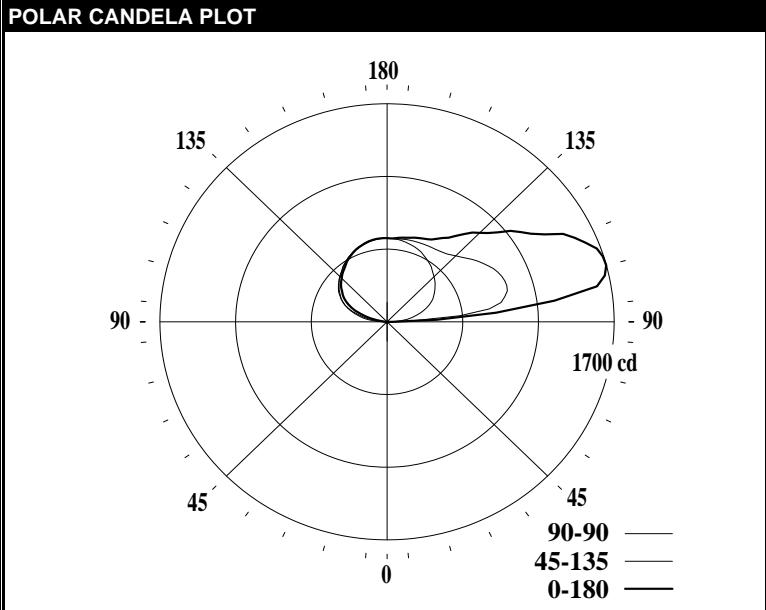


# LEDALITE - TRUGROOVE COVE

<b>TEST DATE:</b>	26 Nov 2019	<b>CATALOG NO:</b>	TC08L82740LN04xDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE COVE FILL 4000LM 827
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3515 lm 100.0%
<b>Input Watts:</b>	120 VAC 30.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	99% Up / 1% Dn 115.2
<b>CIE-IES Classification:</b>	Indirect	<b>Report:</b>	LNG00692


CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	4	4	4	4	4	
5	4	4	4	4	4	0
15	3	3	3	3	3	1
25	1	3	3	3	2	1
35	1	3	4	3	2	2
45	0	4	5	4	2	3
55	0	6	6	6	2	5
65	0	9	8	7	3	7
75	0	12	9	9	4	9
85	0	17	10	10	4	14
90	38	63	24	11	3	
95	820	548	107	28	14	264
105	1699	932	253	228	166	605
115	1551	916	365	366	318	639
125	1220	826	437	445	410	567
135	981	728	498	500	481	477
145	800	676	554	551	540	386
155	711	665	602	601	597	291
165	679	659	631	636	635	183
175	654	650	650	652	653	62
180	652	652	652	652	652	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	37.8	90.0	
Direct: Peak Candela & Angle (180deg)	4.1	5.0	
Spacing Criteria (0deg, 90deg, 180deg)	0.65	1.80	0.78
Indirect: Peak Candela & Angle	1698.6	105.0	
Indirect: Zenith Candela, Peak to Zenith	652.2	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	30.5	0.270	8.2 0.994
277V: P(W), I(A), THD(%), PF	30.4	0.120	9.0 0.949
347V: P(W), I(A), THD(%), PF	31.1	0.100	7.7 0.960

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

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	3	0.1%	0.1%
0-40	4	0.1%	0.1%
0-60	12	0.3%	0.3%
0-90	41	1.2%	1.2%
90-130	2074	59.0%	59.0%
90-150	2938	83.6%	83.6%
90-180	3474	98.8%	98.8%
0-180	3515	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	29	29	29
5	28	30	31
15	20	27	22
25	12	28	20
35	5	37	18
45	0	54	17
55	0	85	28
65	0	142	45
75	0	265	91
85	0	809	203

### LUMINAIRE SECTION