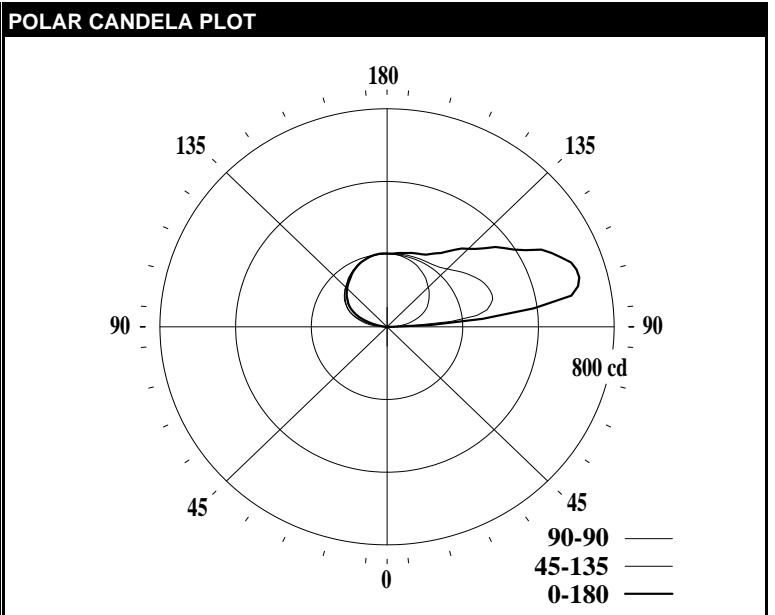


# LEDALITE - TRUGROOVE COVE

<b>TEST DATE:</b>	26 Nov 2019	<b>CATALOG NO:</b>	TC08L84015LN04xDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE COVE FILL 1500LM 840
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	1451 lm 100.0%
<b>Input Watts:</b>	277 VAC 11.6	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	99% Up / 1% Dn 125.1
<b>CIE-IES Classification:</b>	Indirect	<b>Report:</b>	LNG00736

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	2	2	2	2	2	
5	2	2	2	2	2	0
15	1	1	1	1	1	0
25	1	1	1	1	1	1
35	0	1	2	1	1	1
45	0	2	2	2	1	1
55	0	3	3	2	1	2
65	0	4	3	3	1	3
75	0	5	4	4	2	4
85	0	7	4	4	2	6
90	16	26	10	5	1	
95	338	226	44	12	6	109
105	701	385	104	94	68	250
115	640	378	151	151	131	264
125	504	341	181	184	169	234
135	405	301	206	206	199	197
145	330	279	229	228	223	160
155	293	275	249	248	247	120
165	280	272	260	263	262	75
175	270	268	268	269	270	26
180	269	269	269	269	269	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	15.6	90.0	
Direct: Peak Candela & Angle (180deg)	1.7	2.5	
Spacing Criteria (0deg, 90deg, 180deg)	0.62	1.84	0.77
Indirect: Peak Candela & Angle	701.3	105.0	
Indirect: Zenith Candela, Peak to Zenith	269.3	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	0.3764	0.3740	4092 0.0001
CRI (Ra), R9	83		13
120V: P(W), I(A), THD(%), PF	11.3	0.100	13.8 0.984
277V: P(W), I(A), THD(%), PF	11.6	0.050	18.3 0.896
347V: P(W), I(A), THD(%), PF	12.1	0.040	13.3 0.942

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

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1	0.1%	0.1%
0-40	2	0.1%	0.1%
0-60	5	0.3%	0.3%
0-90	17	1.2%	1.2%
90-130	856	59.0%	59.0%
90-150	1213	83.6%	83.6%
90-180	1434	98.8%	98.8%
0-180	1451	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	12	12	12
5	12	12	13
15	9	11	9
25	5	12	8
35	2	16	7
45	0	23	7
55	0	35	11
65	0	59	19
75	0	111	37
85	0	334	85

LUMINAIRE SECTION	



**LEDALITE**

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