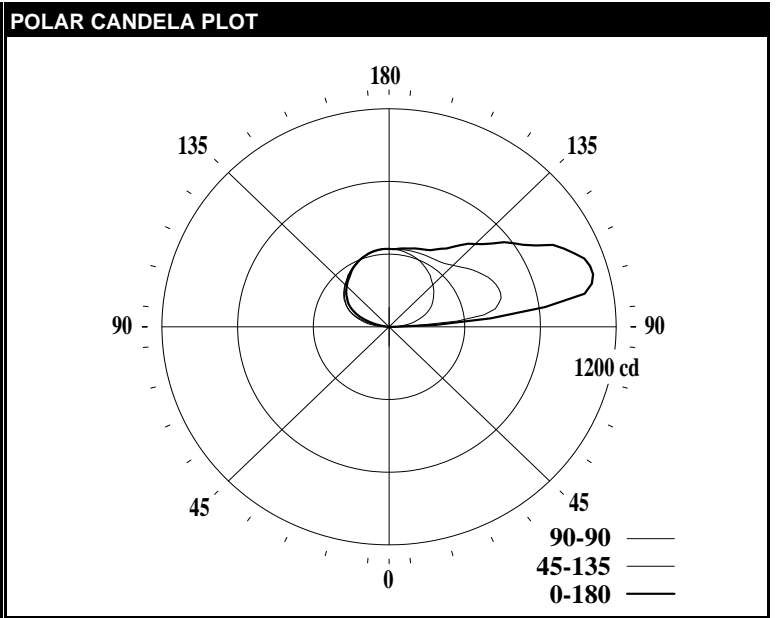


LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	CATALOG NO:	TC08L83025LN04xDE
Lamp Type:	LED	Description:	TRUGROOVE COVE FILL 2500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2311 lm 100.0%
Input Watts:	120 VAC 18.2	Up/Dn Ratio, Efficacy (lm/W):	99% Up / 1% Dn 127.0
CIE-IES Classification:	Indirect	Report:	LNG00706

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	3	3	3	3	3	
5	2	3	3	3	3	0
15	2	2	2	2	2	1
25	1	2	2	2	2	1
35	0	2	3	2	1	1
45	0	3	3	3	1	2
55	0	4	4	4	2	3
65	0	6	5	5	2	4
75	0	8	6	6	2	6
85	0	11	6	7	3	9
90	25	41	16	7	2	
95	539	360	70	19	9	173
105	1117	613	166	150	109	398
115	1019	602	240	241	209	420
125	802	543	287	292	270	373
135	645	479	327	329	316	314
145	526	444	364	363	355	254
155	467	437	396	395	393	192
165	446	433	415	418	417	120
175	430	427	427	429	429	41
180	429	429	429	429	429	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	24.8	90.0	
Direct: Peak Candela & Angle (180deg)	2.7	5.0	
Spacing Criteria (0deg, 90deg, 180deg)	0.65	1.81	0.25
Indirect: Peak Candela & Angle	1116.7	105.0	
Indirect: Zenith Candela, Peak to Zenith	428.8	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	0.4261	0.3984	3144 0.0007
CRI (Ra), R9	83	9	
120V: P(W), I(A), THD(%), PF	18.2	0.160	8.4 0.994
277V: P(W), I(A), THD(%), PF	18.2	0.070	13.0 0.953
347V: P(W), I(A), THD(%), PF	18.9	0.060	10.6 0.969

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	2	0.1%	0.1%
0-40	3	0.1%	0.1%
0-60	8	0.3%	0.3%
0-90	27	1.2%	1.2%
90-130	1364	59.0%	59.0%
90-150	1931	83.6%	83.6%
90-180	2284	98.8%	98.8%
0-180	2311	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	19	19	19
5	18	20	21
15	13	18	15
25	7	19	13
35	4	24	12
45	0	36	11
55	0	56	19
65	0	94	31
75	0	175	59
85	0	534	133

LUMINAIRE SECTION	



LEDALITE

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