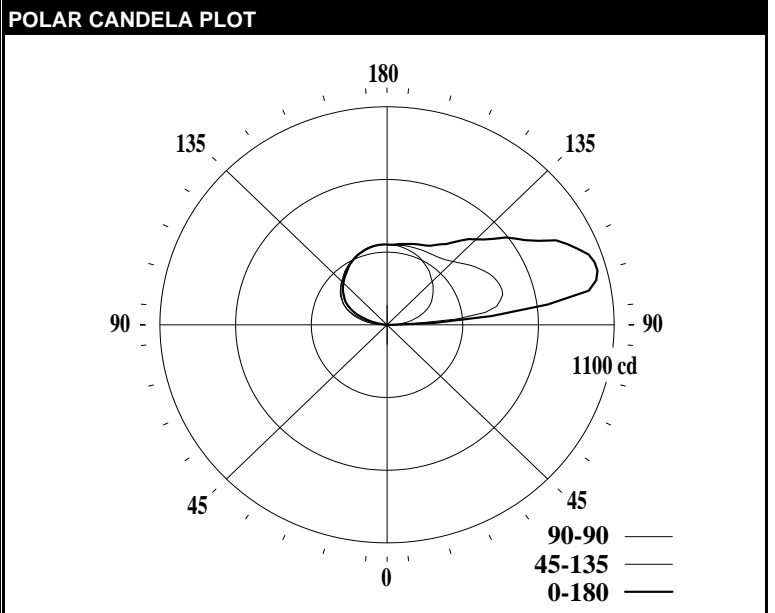


LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	CATALOG NO:	TC08L82725LN04xDE
Lamp Type:	LED	Description:	TRUGROOVE COVE FILL 2500LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2185 lm 100.0%
Input Watts:	120 VAC 18.2	Up/Dn Ratio, Efficacy (lm/W):	99% Up / 1% Dn 120.1
CIE-IES Classification:	Indirect	Report:	LNG00690

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	2	2	2	2	2	
5	2	2	2	2	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	1	3
65	0	6	5	4	2	4
75	0	7	6	6	2	5
85	0	10	6	6	2	9
90	24	39	15	7	2	
95	510	340	66	18	8	164
105	1056	580	157	142	103	376
115	964	569	227	228	198	397
125	759	514	272	276	255	352
135	610	452	310	311	299	297
145	497	420	345	343	336	240
155	442	413	374	373	371	181
165	422	409	392	396	395	114
175	406	404	404	406	406	39
180	405	405	405	405	405	



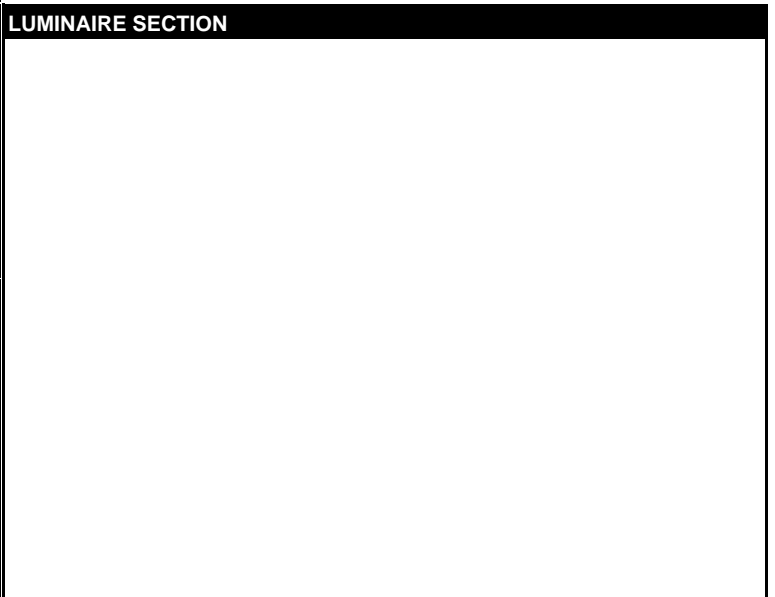
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	23.5	90.0	
Direct: Peak Candela & Angle (180deg)	2.6	5.0	
Spacing Criteria (0deg, 90deg, 180deg)	0.64	1.72	0.30
Indirect: Peak Candela & Angle	1055.8	105.0	
Indirect: Zenith Candela, Peak to Zenith	405.4	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	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	7	0.3%	0.3%
0-90	26	1.2%	1.2%
90-130	1289	59.0%	59.0%
90-150	1826	83.6%	83.6%
90-180	2159	98.8%	98.8%
0-180	2185	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	18	18	18
5	18	19	20
15	13	17	14
25	7	18	12
35	4	23	12
45	0	34	10
55	0	53	17
65	0	88	29
75	0	166	56
85	0	500	128



LEDALITE

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