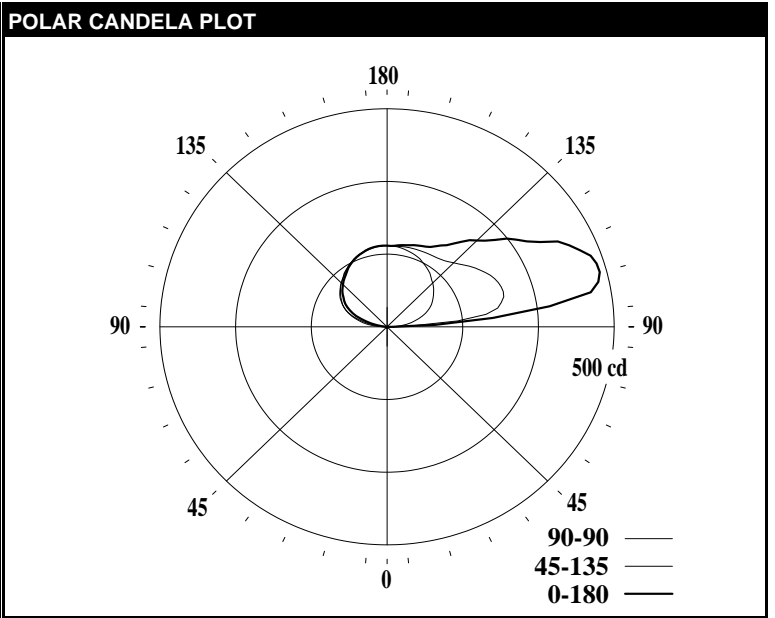


LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	CATALOG NO:	TC08L85010LN04xDE
Lamp Type:	LED	Description:	TRUGROOVE COVE FILL 1000LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1003 lm 100.0%
Input Watts:	277 VAC 8.7	Up/Dn Ratio, Efficacy (lm/W):	99% Up / 1% Dn 115.3
CIE-IES Classification:	Indirect	Report:	LNG00751

CANDELA DISTRIBUTION							Flux
	0	45	90	135	180	Lumens	
0	1	1	1	1	1		
5	1	1	1	1	1	0	
15	1	1	1	1	1	0	
25	0	1	1	1	1	0	
35	0	1	1	1	1	1	
45	0	1	1	1	1	1	
55	0	2	2	2	1	1	
65	0	3	2	2	1	2	
75	0	3	3	3	1	3	
85	0	5	3	3	1	4	
90	11	18	7	3	1		
95	234	156	31	8	4	75	
105	485	266	72	65	47	173	
115	443	261	104	105	91	182	
125	348	236	125	127	117	162	
135	280	208	142	143	137	136	
145	228	193	158	157	154	110	
155	203	190	172	171	170	83	
165	194	188	180	182	181	52	
175	187	185	185	186	186	18	
180	186	186	186	186	186		



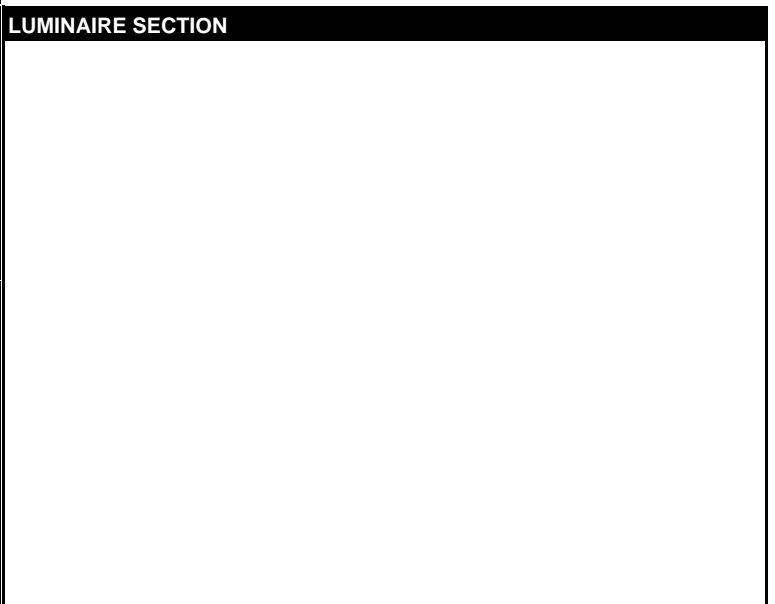
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	10.8	90.0	
Direct: Peak Candela & Angle (180deg)	1.2	5.0	
Spacing Criteria (0deg, 90deg, 180deg)	0.61	1.86	0.63
Indirect: Peak Candela & Angle	484.8	105.0	
Indirect: Zenith Candela, Peak to Zenith	186.1	2.61	
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	0.3402	0.3481	5183 0.0003
CRI (Ra), R9	83		15
120V: P(W), I(A), THD(%), PF	8.3	0.080	17.5 0.974
277V: P(W), I(A), THD(%), PF	8.7	0.040	21.2 0.842
347V: P(W), I(A), THD(%), PF	9.0	0.030	15.6 0.893

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
	70	50	30	10	70	50	30	50	30	10	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	1	0.1%	0.1%
0-60	3	0.3%	0.3%
0-90	12	1.2%	1.2%
90-130	592	59.0%	59.0%
90-150	838	83.6%	83.6%
90-180	991	98.8%	98.8%
0-180	1003	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	8	8	8
5	8	8	9
15	5	8	6
25	3	8	6
35	2	10	5
45	0	15	5
55	0	24	7
65	0	41	13
75	0	76	24
85	0	234	59



LEDALITE

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