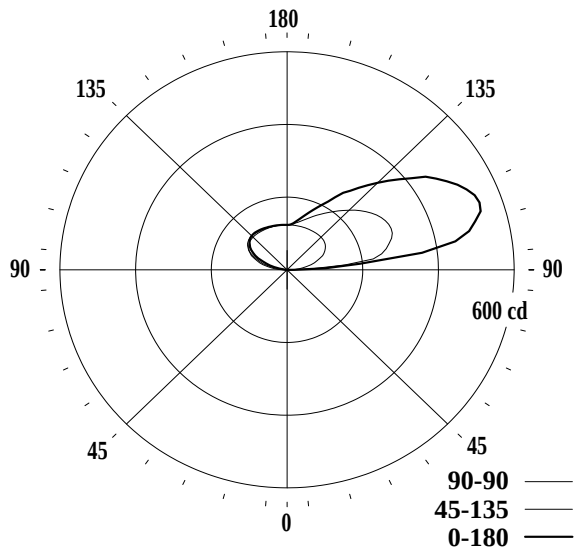
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L93510WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 1000LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1013 lm 100.0%
Input Watts:	277 VAC 10.0	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 101.3
CIE-IES Classification:	Indirect	**Report:**	LNG00759

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1	1	1	1	1	
5	1	1	1	1	1	0
15	0	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	2	2	2	1	2
75	0	3	2	3	1	2
85	0	5	3	3	1	4
90	18	14	7	3	1	
95	195	154	32	8	4	79
105	514	279	75	66	47	181
115	523	296	107	105	93	201
125	447	272	123	127	120	180
135	339	232	127	132	132	142
145	259	193	126	130	132	102
155	190	162	125	127	128	67
165	149	138	124	125	126	38
175	126	125	124	124	124	12
180	124	124	124	124	124	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			18.1	90.0
Direct: Peak Candela & Angle (180deg)			1.1	70.0
Spacing Criteria (0deg, 90deg, 180deg)		0.61	2.67	1.21
Indirect: Peak Candela & Angle			541.3	110.0
Indirect: Zenith Candela, Peak to Zenith			123.7	4.38
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	0.4017	0.3842	3528	0.0021
CRI (Ra), R9			93	66
120V: P(W), I(A), THD(%), PF	9.7	0.090	15.7	0.980
277V: P(W), I(A), THD(%), PF	10.0	0.040	19.9	0.871
347V: P(W), I(A), THD(%), PF	10.4	0.030	14.4	0.923

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	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	11	1.1%	1.1%
90-130	642	63.3%	63.3%
90-150	885	87.4%	87.4%
90-180	1002	98.9%	98.9%
0-180	1013	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	5	5	5
5	5	5	6
15	3	6	5
25	2	7	4
35	0	9	5
45	0	14	5
55	0	23	9
65	0	38	15
75	0	70	27
85	0	225	59

LUMINAIRE SECTION

LEDALITE

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