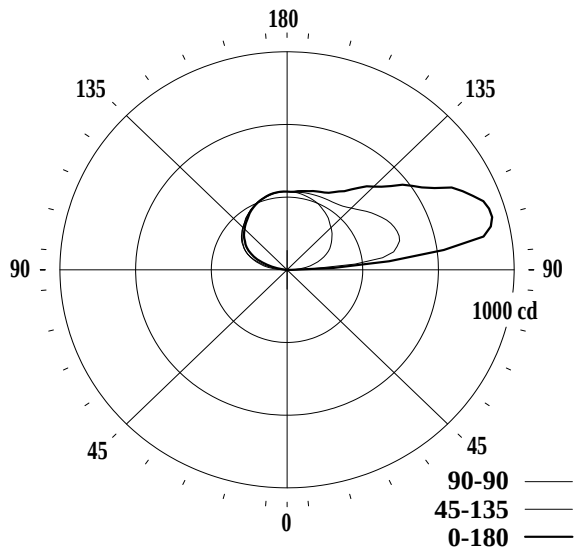
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L93520LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 2000LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1935 lm 100.0%
Input Watts:	120 VAC 18.2	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 106.3
CIE-IES Classification:	Indirect	**Report:**	LNG00768

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2	2	2	2	2	
5	2	2	2	2	2	0
15	1	2	2	2	2	1
25	1	1	2	1	1	1
35	0	2	2	2	1	1
45	0	2	3	2	1	2
55	0	4	4	3	1	3
65	0	5	4	4	2	4
75	0	7	5	5	2	5
85	0	9	5	6	2	8
90	21	35	13	6	2	
95	451	301	59	16	7	145
105	935	513	139	125	91	333
115	853	504	201	202	175	352
125	672	455	241	245	226	312
135	540	401	274	275	265	263
145	440	372	305	304	297	213
155	391	366	331	331	329	160
165	374	363	347	350	349	101
175	360	358	358	359	359	34
180	359	359	359	359	359	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			20.8	90.0
Direct: Peak Candela & Angle (180deg)			2.3	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.63	1.80	0.55
Indirect: Peak Candela & Angle			934.9	105.0
Indirect: Zenith Candela, Peak to Zenith			359.0	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	0.4017	0.3842	3528	0.0021
CRI (Ra), R9			93	66
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
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	6	0.3%	0.3%
0-90	23	1.2%	1.2%
90-130	1142	59.0%	59.0%
90-150	1617	83.6%	83.6%
90-180	1912	98.8%	98.8%
0-180	1935	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	16	16	16
5	15	17	18
15	11	15	13
25	7	15	11
35	3	21	10
45	0	29	9
55	0	47	15
65	0	79	26
75	0	146	49
85	0	442	112

LUMINAIRE SECTION

LEDALITE

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