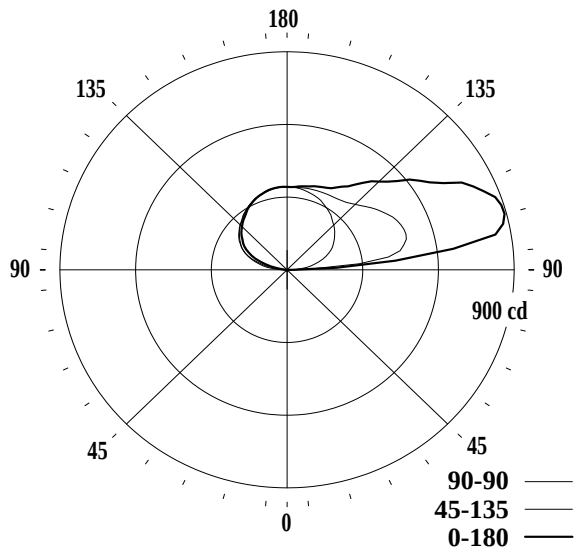
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83020LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 2000LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1847 lm 100.0%
Input Watts:	277 VAC 14.9	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 124.0
CIE-IES Classification:	Indirect	**Report:**	LNG00705

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	3	3	3	1	2
65	0	5	4	4	2	4
75	0	6	5	5	2	5
85	0	9	5	5	2	8
90	20	33	12	6	2	
95	431	288	56	15	7	139
105	892	490	133	120	87	318
115	815	481	192	192	167	336
125	641	434	230	234	216	298
135	515	382	262	263	253	251
145	420	355	291	290	284	203
155	373	349	316	316	314	153
165	357	346	331	334	334	96
175	343	341	341	343	343	33
180	343	343	343	343	343	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			19.9	90.0
Direct: Peak Candela & Angle (180deg)			2.2	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.65	1.84	0.73
Indirect: Peak Candela & Angle			892.4	105.0
Indirect: Zenith Candela, Peak to Zenith			342.6	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	14.7	0.130	10.8	0.989
277V: P(W), I(A), THD(%), PF	14.9	0.060	15.4	0.929
347V: P(W), I(A), THD(%), PF	15.5	0.050	11.8	0.956

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	22	1.2%	1.2%
90-130	1090	59.0%	59.0%
90-150	1543	83.6%	83.6%
90-180	1825	98.8%	98.8%
0-180	1847	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	15	15	15
5	15	16	17
15	11	14	12
25	6	14	10
35	3	20	10
45	0	28	9
55	0	45	15
65	0	76	24
75	0	140	47
85	0	425	107

LUMINAIRE SECTION

LEDALITE

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