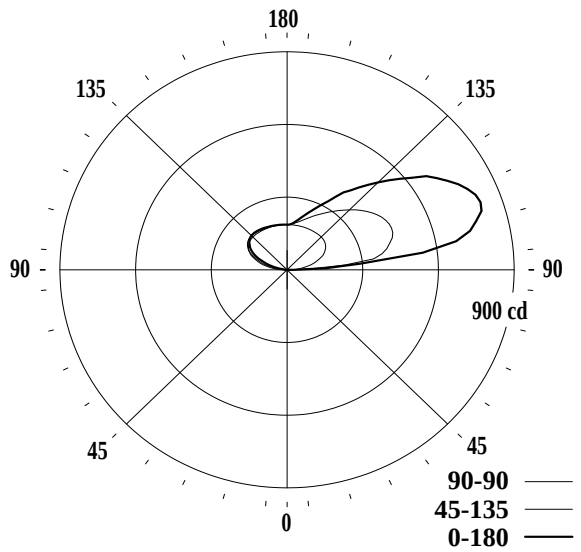
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L84015WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 1500LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1528 lm 100.0%
Input Watts:	277 VAC 11.6	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 131.7
CIE-IES Classification:	Indirect	**Report:**	LNG00728

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux 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	2	1	1	1
45	0	2	2	2	1	1
55	0	3	3	2	1	2
65	0	3	3	3	1	3
75	0	5	4	4	2	4
85	0	7	4	4	2	6
90	27	21	11	5	2	
95	294	232	49	13	6	119
105	776	421	113	99	71	273
115	789	447	162	158	140	303
125	674	410	185	192	181	272
135	511	350	192	199	200	214
145	390	291	190	195	199	154
155	286	245	189	191	193	101
165	225	209	188	189	190	57
175	190	188	187	187	188	18
180	187	187	187	187	187	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			27.4	90.0
Direct: Peak Candela & Angle (180deg)			1.7	72.5
Spacing Criteria (0deg, 90deg, 180deg)		0.53	2.65	1.12
Indirect: Peak Candela & Angle			816.2	110.0
Indirect: Zenith Candela, Peak to Zenith			186.5	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	0.3764	0.3740	4092	0.0001
CRI (Ra), R9			83	13
120V: P(W), I(A), THD(%), PF	11.3	0.100	13.8	0.984
277V: P(W), I(A), THD(%), PF	11.6	0.050	18.3	0.896
347V: P(W), I(A), THD(%), PF	12.1	0.040	13.3	0.942

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	5	0.3%	0.3%
0-90	17	1.1%	1.1%
90-130	967	63.3%	63.3%
90-150	1335	87.4%	87.4%
90-180	1511	98.9%	98.9%
0-180	1528	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	8	8	8
5	8	8	9
15	5	9	7
25	3	10	7
35	0	15	7
45	0	22	8
55	0	35	14
65	0	58	23
75	0	108	42
85	0	334	91

LUMINAIRE SECTION

LEDALITE

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