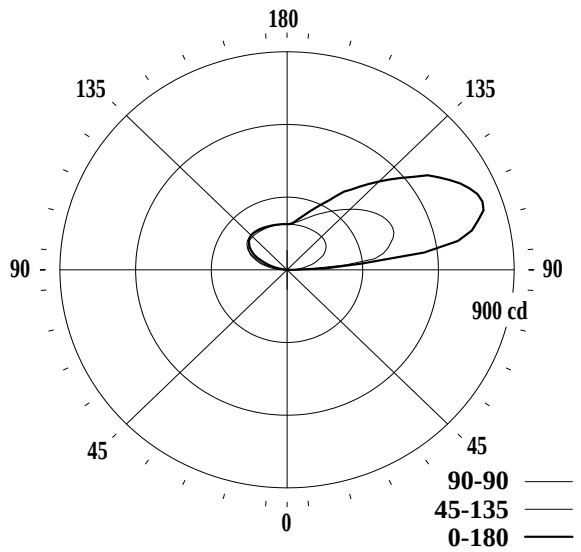
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L85015WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 1500LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1543 lm 100.0%
Input Watts:	277 VAC 11.6	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 133.0
CIE-IES Classification:	Indirect	**Report:**	LNG00744

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	28	21	11	5	2	
95	297	234	49	13	6	120
105	783	425	114	100	72	276
115	797	451	164	160	141	306
125	681	415	187	194	183	275
135	516	353	194	201	202	216
145	394	294	192	197	201	155
155	289	247	191	193	195	102
165	227	211	189	191	192	57
175	192	190	189	189	189	18
180	188	188	188	188	188	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			27.6	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			824.2	110.0
Indirect: Zenith Candela, Peak to Zenith			188.3	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	0.3402	0.3481	5183	0.0003
CRI (Ra), R9			83	15
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	977	63.3%	63.3%
90-150	1348	87.4%	87.4%
90-180	1526	98.9%	98.9%
0-180	1543	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