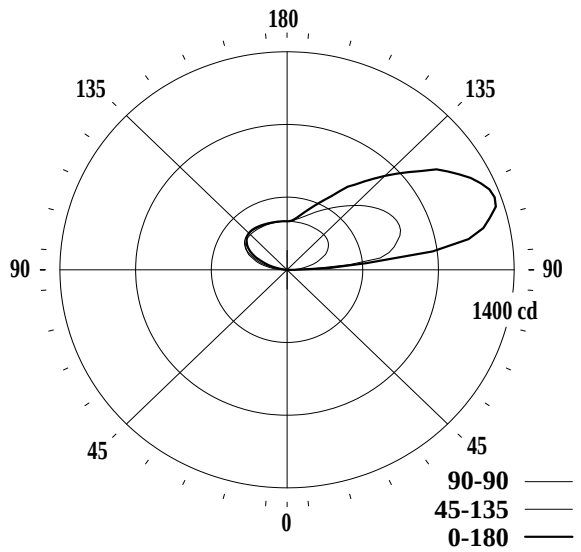
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L84025WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 2500LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2550 lm 100.0%
Input Watts:	120 VAC 18.2	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 140.1
CIE-IES Classification:	Indirect	**Report:**	LNG00730

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2	2	2	2	2	
5	2	2	2	2	2	0
15	1	1	2	2	2	0
25	1	2	2	2	1	1
35	0	2	3	2	1	1
45	0	3	3	3	1	2
55	0	4	4	4	2	3
65	0	6	5	5	2	5
75	0	8	6	6	3	6
85	0	11	7	7	3	10
90	46	35	18	8	3	
95	490	387	81	21	10	198
105	1295	702	189	165	118	456
115	1317	746	270	264	233	506
125	1125	685	309	320	303	454
135	853	584	320	332	333	357
145	651	486	318	326	332	257
155	477	408	315	319	323	169
165	375	348	313	315	317	95
175	317	313	312	313	313	30
180	311	311	311	311	311	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			45.7	90.0
Direct: Peak Candela & Angle (180deg)			2.8	72.5
Spacing Criteria (0deg, 90deg, 180deg)		0.51	2.54	1.12
Indirect: Peak Candela & Angle			1362.3	110.0
Indirect: Zenith Candela, Peak to Zenith			311.2	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	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	3	0.1%	0.1%
0-60	8	0.3%	0.3%
0-90	29	1.1%	1.1%
90-130	1615	63.3%	63.3%
90-150	2228	87.4%	87.4%
90-180	2522	98.9%	98.9%
0-180	2550	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	15	15	15
5	15	14	15
15	8	15	12
25	5	16	11
35	0	24	12
45	0	37	13
55	0	57	22
65	0	95	37
75	0	178	69
85	0	559	149

LUMINAIRE SECTION

LEDALITE

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