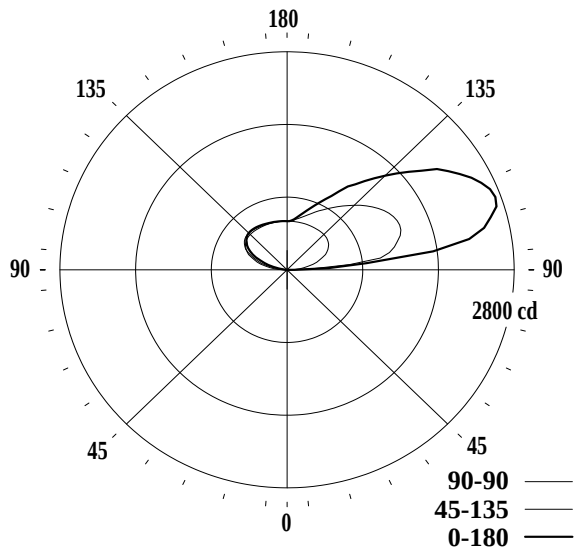
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L84050WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 5000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5117 lm 100.0%
Input Watts:	120 VAC 39.1	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 130.9
CIE-IES Classification:	Indirect	**Report:**	LNG00733

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	4	4	4	4	4	
5	4	3	4	4	4	0
15	2	3	4	4	3	1
25	1	3	4	3	3	2
35	0	4	5	5	3	3
45	0	6	7	6	3	4
55	0	9	9	8	4	7
65	0	11	11	10	5	9
75	0	15	12	13	6	12
85	0	23	13	14	6	20
90	92	71	36	17	5	
95	983	777	163	43	21	398
105	2598	1408	379	331	238	916
115	2643	1497	542	530	467	1015
125	2257	1375	621	642	607	911
135	1711	1172	642	667	668	716
145	1307	975	638	654	666	515
155	957	819	633	640	648	338
165	752	699	628	632	635	190
175	637	629	626	627	628	61
180	625	625	625	625	625	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			91.6	90.0
Direct: Peak Candela & Angle (180deg)			5.7	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.51	2.57	1.12
Indirect: Peak Candela & Angle			2733.5	110.0
Indirect: Zenith Candela, Peak to Zenith			624.5	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	39.1	0.350	5.9	0.997
277V: P(W), I(A), THD(%), PF	39.0	0.150	8.7	0.967
347V: P(W), I(A), THD(%), PF	39.9	0.130	6.2	0.972

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	3	0.1%	0.1%
0-40	5	0.1%	0.1%
0-60	16	0.3%	0.3%
0-90	58	1.1%	1.1%
90-130	3240	63.3%	63.3%
90-150	4471	87.4%	87.4%
90-180	5060	98.9%	98.9%
0-180	5117	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	29	29	29
5	29	28	31
15	16	30	24
25	10	33	22
35	0	50	23
45	0	74	27
55	0	116	45
65	0	193	76
75	0	359	140
85	0	1118	304

LUMINAIRE SECTION

LEDALITE

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