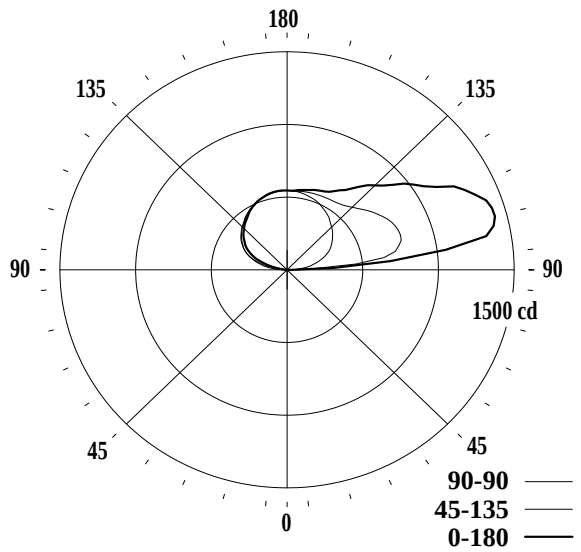
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L84030LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 3000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2942 lm 100.0%
Input Watts:	120 VAC 22.8	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 129.0
CIE-IES Classification:	Indirect	**Report:**	LNG00739

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	3	3	3	3	3	
5	3	3	3	3	4	0
15	2	3	3	3	2	1
25	1	2	3	2	2	1
35	1	3	3	2	2	2
45	0	4	4	3	1	2
55	0	5	5	5	2	4
65	0	7	7	6	2	6
75	0	10	8	7	3	7
85	0	14	8	8	3	12
90	32	53	20	9	3	
95	686	458	89	24	11	221
105	1422	780	211	191	139	506
115	1298	766	305	307	266	535
125	1021	692	366	372	343	475
135	821	609	417	418	402	399
145	670	566	464	462	452	323
155	595	557	504	503	500	244
165	568	551	528	533	531	153
175	547	544	544	546	546	52
180	546	546	546	546	546	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			31.6	90.0
Direct: Peak Candela & Angle (180deg)			3.5	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.65	1.84	0.76
Indirect: Peak Candela & Angle			1421.7	105.0
Indirect: Zenith Candela, Peak to Zenith			545.9	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	0.3764	0.3740	4092	0.0001
CRI (Ra), R9			83	13
120V: P(W), I(A), THD(%), PF	22.8	0.200	11.3	0.990
277V: P(W), I(A), THD(%), PF	22.7	0.090	11.1	0.922
347V: P(W), I(A), THD(%), PF	23.1	0.080	9.7	0.936

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	2	0.1%	0.1%
0-40	4	0.1%	0.1%
0-60	10	0.3%	0.3%
0-90	35	1.2%	1.2%
90-130	1736	59.0%	59.0%
90-150	2459	83.6%	83.6%
90-180	2908	98.8%	98.8%
0-180	2942	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	25	25	25
5	24	25	27
15	17	23	19
25	10	24	17
35	5	32	15
45	0	45	14
55	0	72	24
65	0	119	39
75	0	222	76
85	0	676	171

LUMINAIRE SECTION

LEDALITE

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