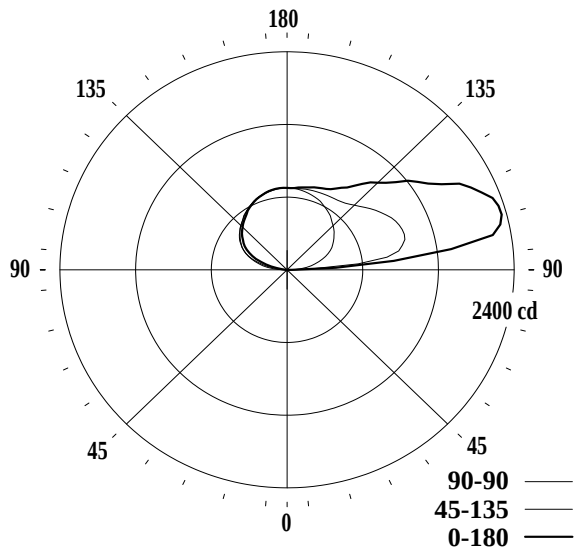
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L84050LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 5000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4861 lm 100.0%
Input Watts:	120 VAC 39.1	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 124.3
CIE-IES Classification:	Indirect	**Report:**	LNG00741

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	5	5	5	5	5	
5	5	5	5	5	6	1
15	4	4	5	4	4	1
25	2	3	5	4	3	2
35	1	5	6	4	3	3
45	0	6	7	6	2	4
55	0	9	9	8	3	6
65	0	12	11	10	4	9
75	0	16	13	12	5	12
85	0	23	13	14	5	20
90	52	87	33	15	5	
95	1133	757	148	39	19	365
105	2349	1289	349	315	229	836
115	2144	1266	504	506	440	883
125	1688	1143	605	615	567	784
135	1356	1006	689	691	665	660
145	1107	935	766	762	747	534
155	983	919	832	831	826	403
165	939	911	872	880	878	253
175	904	898	898	902	903	86
180	902	902	902	902	902	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			52.3	90.0
Direct: Peak Candela & Angle (180deg)			5.7	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.65	1.87	-0.17
Indirect: Peak Candela & Angle			2348.9	105.0
Indirect: Zenith Candela, Peak to Zenith			901.9	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	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	6	0.1%	0.1%
0-60	16	0.3%	0.3%
0-90	57	1.2%	1.2%
90-130	2868	59.0%	59.0%
90-150	4062	83.6%	83.6%
90-180	4804	98.8%	98.8%
0-180	4861	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	40	40	40
5	39	42	44
15	28	38	31
25	17	39	27
35	7	52	25
45	0	75	24
55	0	117	38
65	0	198	63
75	0	367	125
85	0	1118	277

LUMINAIRE SECTION

LEDALITE

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