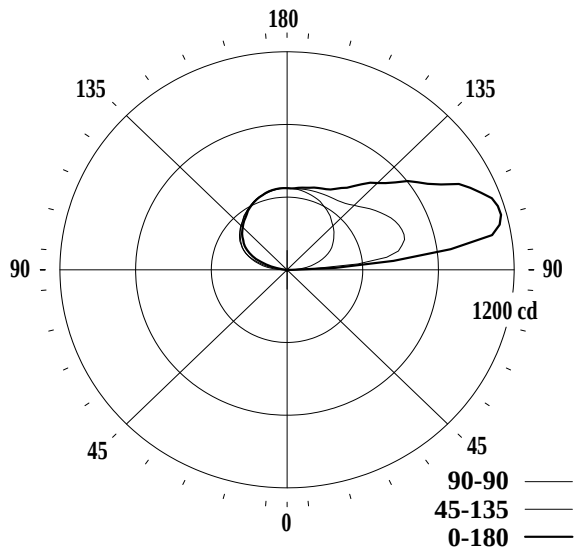
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L84025LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 2500LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2423 lm 100.0%
Input Watts:	120 VAC 18.2	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 133.1
CIE-IES Classification:	Indirect	**Report:**	LNG00738

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	3	3	3	3	3	
5	3	3	3	3	3	0
15	2	2	2	2	2	1
25	1	2	2	2	2	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	6	5	2	5
75	0	8	6	6	3	6
85	0	11	7	7	3	10
90	26	43	16	8	2	
95	565	377	74	19	9	182
105	1171	643	174	157	114	417
115	1069	631	251	252	219	440
125	841	569	301	306	283	391
135	676	502	343	344	331	329
145	552	466	382	380	372	266
155	490	458	415	414	412	201
165	468	454	435	439	438	126
175	450	448	448	450	450	43
180	450	450	450	450	450	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			26.0	90.0
Direct: Peak Candela & Angle (180deg)			2.9	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.66	1.86	0.77
Indirect: Peak Candela & Angle			1170.6	105.0
Indirect: Zenith Candela, Peak to Zenith			449.5	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	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	2	0.1%	0.1%
0-40	3	0.1%	0.1%
0-60	8	0.3%	0.3%
0-90	29	1.2%	1.2%
90-130	1429	59.0%	59.0%
90-150	2025	83.6%	83.6%
90-180	2394	98.8%	98.8%
0-180	2423	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	20	20	20
5	19	21	22
15	14	19	16
25	8	19	13
35	4	26	13
45	0	37	11
55	0	59	20
65	0	99	32
75	0	184	61
85	0	559	139

LUMINAIRE SECTION

LEDALITE

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