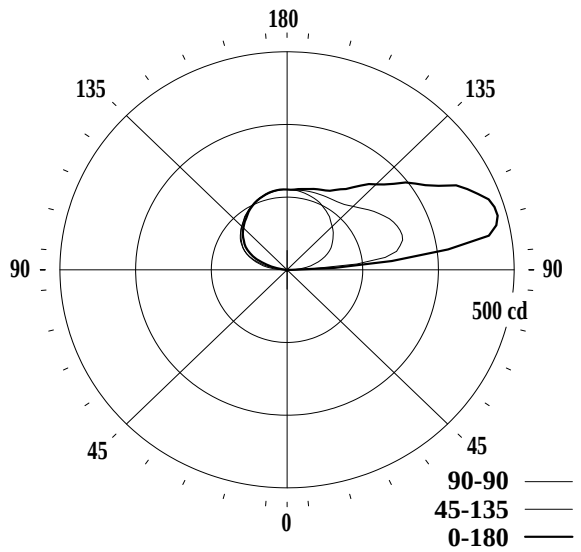
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L84010LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 1000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	993 lm 100.0%
Input Watts:	277 VAC 8.7	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 114.1
CIE-IES Classification:	Indirect	**Report:**	LNG00735

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1	1	1	1	1	
5	1	1	1	1	1	0
15	1	1	1	1	1	0
25	0	1	1	1	1	0
35	0	1	1	1	1	1
45	0	1	1	1	1	1
55	0	2	2	2	1	1
65	0	3	2	2	1	2
75	0	3	3	3	1	3
85	0	5	3	3	1	4
90	11	18	7	3	1	
95	232	155	30	8	4	75
105	480	264	71	64	47	171
115	438	259	103	104	90	181
125	345	234	124	126	116	160
135	277	206	141	141	136	135
145	226	191	157	156	153	109
155	201	188	170	170	169	82
165	192	186	178	180	179	52
175	185	184	184	184	185	18
180	184	184	184	184	184	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			10.7	90.0
Direct: Peak Candela & Angle (180deg)			1.2	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.61	1.65	0.63
Indirect: Peak Candela & Angle			480.1	105.0
Indirect: Zenith Candela, Peak to Zenith			184.3	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	8.3	0.080	17.5	0.974
277V: P(W), I(A), THD(%), PF	8.7	0.040	21.2	0.842
347V: P(W), I(A), THD(%), PF	9.0	0.030	15.6	0.893

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	1	0.1%	0.1%
0-60	3	0.3%	0.3%
0-90	12	1.2%	1.2%
90-130	586	59.0%	59.0%
90-150	830	83.6%	83.6%
90-180	982	98.8%	98.8%
0-180	993	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	8	8	8
5	8	8	9
15	5	8	6
25	3	8	6
35	2	10	5
45	0	15	5
55	0	24	7
65	0	40	13
75	0	76	24
85	0	225	59

LUMINAIRE SECTION

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