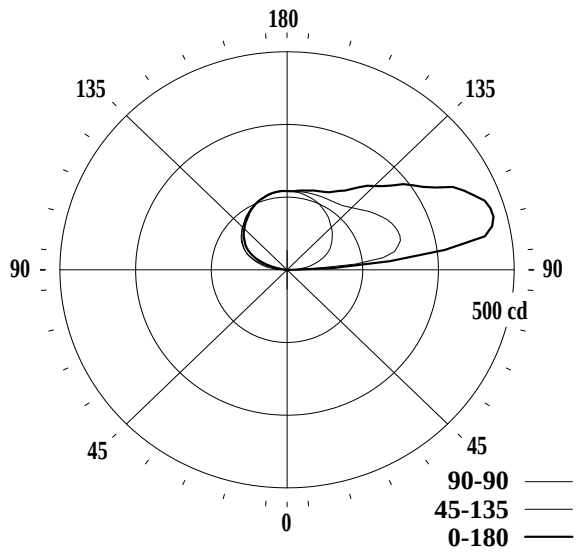
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83510LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 1000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	974 lm 100.0%
Input Watts:	277 VAC 8.7	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 112.0
CIE-IES Classification:	Indirect	**Report:**	LNG00719

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	2	2	2	1	2
75	0	3	3	2	1	2
85	0	5	3	3	1	4
90	11	17	7	3	1	
95	227	152	30	8	4	73
105	471	258	70	63	46	168
115	430	254	101	101	88	177
125	338	229	121	123	114	157
135	272	202	138	139	133	132
145	222	187	154	153	150	107
155	197	184	167	167	165	81
165	188	183	175	176	176	51
175	181	180	180	181	181	17
180	181	181	181	181	181	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			10.5	90.0
Direct: Peak Candela & Angle (180deg)			1.1	0.0
Spacing Criteria (0deg, 90deg, 180deg)		0.61	1.65	0.63
Indirect: Peak Candela & Angle			470.6	105.0
Indirect: Zenith Candela, Peak to Zenith			180.7	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	0.4025	0.3887	3546	0.0003
CRI (Ra), R9			82	9
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	575	59.0%	59.0%
90-150	814	83.6%	83.6%
90-180	963	98.8%	98.8%
0-180	974	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	8	8	8
5	8	8	8
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	73	24
85	0	225	59

LUMINAIRE SECTION

LEDALITE

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