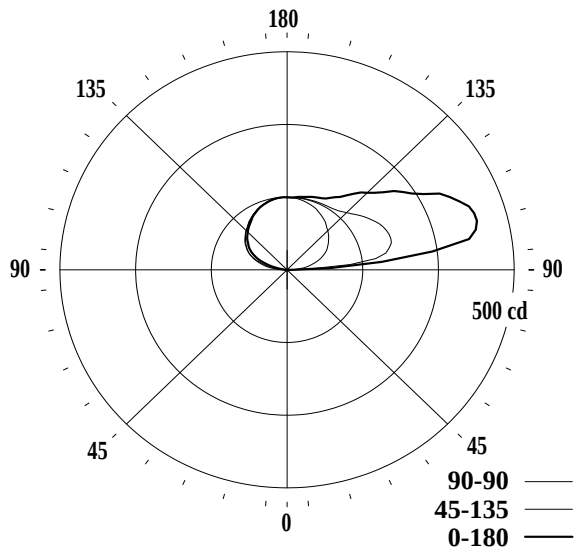
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L82710LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 1000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	896 lm 100.0%
Input Watts:	277 VAC 8.7	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 103.0
CIE-IES Classification:	Indirect	**Report:**	LNG00687

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	0	1
55	0	2	2	1	1	1
65	0	2	2	2	1	2
75	0	3	2	2	1	2
85	0	4	3	3	1	4
90	10	16	6	3	1	
95	209	140	27	7	3	67
105	433	238	64	58	42	154
115	395	233	93	93	81	163
125	311	211	111	113	105	145
135	250	186	127	127	123	122
145	204	172	141	141	138	99
155	181	170	153	153	152	74
165	173	168	161	162	162	47
175	167	166	166	166	166	16
180	166	166	166	166	166	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			9.6	90.0
Direct: Peak Candela & Angle (180deg)			1.1	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.65	1.66	0.73
Indirect: Peak Candela & Angle			433.0	105.0
Indirect: Zenith Candela, Peak to Zenith			166.2	2.61
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	0.4500	0.4041	2792	0.0015
CRI (Ra), R9			82	7
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	11	1.2%	1.2%
90-130	529	59.0%	59.0%
90-150	749	83.6%	83.6%
90-180	886	98.8%	98.8%
0-180	896	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	8	8	8
5	7	8	8
15	5	7	5
25	3	7	5
35	2	9	5
45	0	14	4
55	0	21	7
65	0	36	11
75	0	67	22
85	0	209	53

LUMINAIRE SECTION

LEDALITE

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