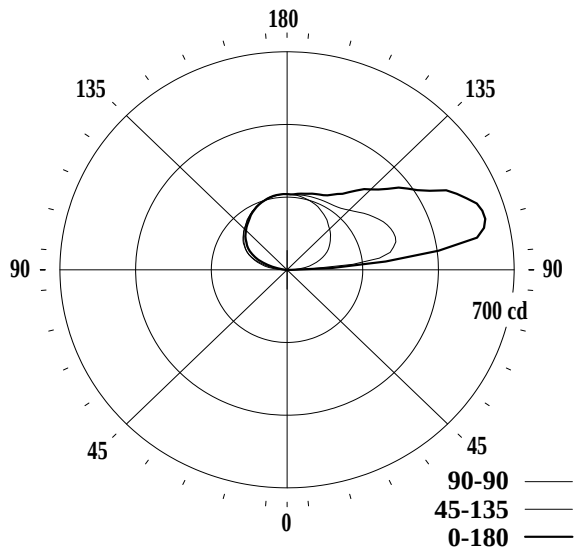
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L82715LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 1500LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1309 lm 100.0%
Input Watts:	277 VAC 11.6	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 112.8
CIE-IES Classification:	Indirect	**Report:**	LNG00688

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1	1	1	1	1	
5	1	1	2	1	2	0
15	1	1	1	1	1	0
25	1	1	1	1	1	1
35	0	1	2	1	1	1
45	0	2	2	2	1	1
55	0	2	2	2	1	2
65	0	3	3	3	1	3
75	0	4	3	3	1	3
85	0	6	4	4	1	5
90	14	23	9	4	1	
95	305	204	40	11	5	98
105	633	347	94	85	62	225
115	577	341	136	136	119	238
125	455	308	163	166	153	211
135	365	271	186	186	179	178
145	298	252	206	205	201	144
155	265	248	224	224	222	109
165	253	245	235	237	236	68
175	243	242	242	243	243	23
180	243	243	243	243	243	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			14.1	90.0
Direct: Peak Candela & Angle (180deg)			1.5	2.5
Spacing Criteria (0deg, 90deg, 180deg)		0.63	1.90	0.85
Indirect: Peak Candela & Angle			632.6	105.0
Indirect: Zenith Candela, Peak to Zenith			242.9	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	0.4500	0.4041	2792	0.0015
CRI (Ra), R9			82	7
120V: P(W), I(A), THD(%), PF	11.3	0.100	13.8	0.984
277V: P(W), I(A), THD(%), PF	11.6	0.050	18.3	0.896
347V: P(W), I(A), THD(%), PF	12.1	0.040	13.3	0.942

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	2	0.1%	0.1%
0-60	4	0.3%	0.3%
0-90	15	1.2%	1.2%
90-130	772	59.0%	59.0%
90-150	1094	83.6%	83.6%
90-180	1294	98.8%	98.8%
0-180	1309	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	11	11	11
5	11	12	12
15	8	10	9
25	4	10	7
35	2	14	7
45	0	21	6
55	0	32	10
65	0	54	18
75	0	99	34
85	0	300	75

LUMINAIRE SECTION

LEDALITE

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