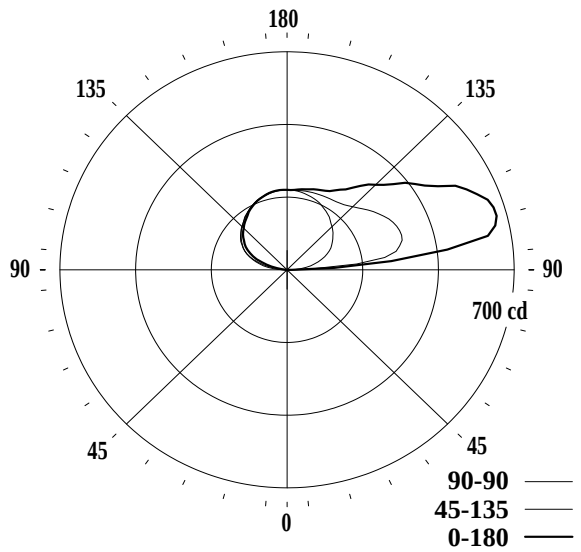
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83015LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 1500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1385 lm 100.0%
Input Watts:	277 VAC 11.6	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 119.4
CIE-IES Classification:	Indirect	**Report:**	LNG00704

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2	2	2	2	2	
5	1	2	2	2	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	3	3	2	1	2
65	0	4	3	3	1	3
75	0	5	4	4	1	3
85	0	7	4	4	2	6
90	15	25	9	4	1	
95	323	216	42	11	5	104
105	669	367	100	90	65	238
115	611	361	144	144	125	252
125	481	325	172	175	162	223
135	386	287	196	197	189	188
145	315	266	218	217	213	152
155	280	262	237	237	235	115
165	267	259	248	251	250	72
175	257	256	256	257	257	25
180	257	257	257	257	257	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			14.9	90.0
Direct: Peak Candela & Angle (180deg)			1.6	2.5
Spacing Criteria (0deg, 90deg, 180deg)		0.65	1.87	0.73
Indirect: Peak Candela & Angle			669.0	105.0
Indirect: Zenith Candela, Peak to Zenith			256.9	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	0.4261	0.3984	3144	0.0007
CRI (Ra), R9			83	9
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	5	0.3%	0.3%
0-90	16	1.2%	1.2%
90-130	817	59.0%	59.0%
90-150	1157	83.6%	83.6%
90-180	1368	98.8%	98.8%
0-180	1385	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	12	12	12
5	11	12	12
15	8	11	9
25	5	11	7
35	2	15	7
45	0	22	7
55	0	33	11
65	0	56	18
75	0	105	34
85	0	317	80

LUMINAIRE SECTION

LEDALITE

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