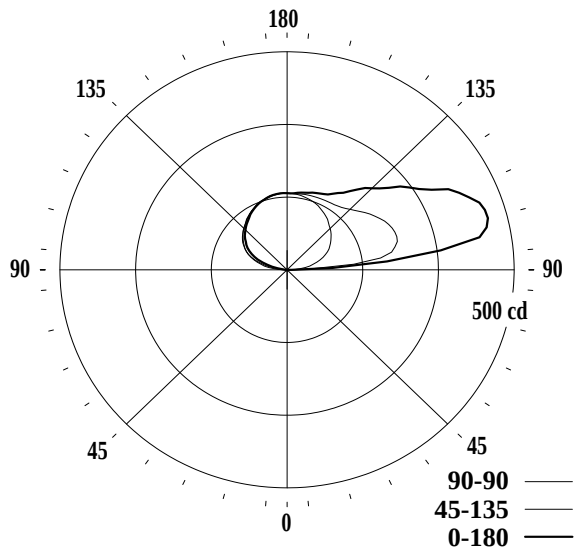
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83010LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 1000LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	948 lm 100.0%
Input Watts:	277 VAC 8.7	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 109.0
CIE-IES Classification:	Indirect	**Report:**	LNG00703

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	2	1	1
65	0	2	2	2	1	2
75	0	3	3	2	1	2
85	0	4	3	3	1	4
90	10	17	6	3	1	
95	221	148	29	8	4	71
105	458	251	68	61	45	163
115	418	247	98	99	86	172
125	329	223	118	120	111	153
135	264	196	134	135	130	129
145	216	182	149	149	146	104
155	192	179	162	162	161	79
165	183	178	170	172	171	49
175	176	175	175	176	176	17
180	176	176	176	176	176	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			10.2	90.0
Direct: Peak Candela & Angle (180deg)			1.1	2.5
Spacing Criteria (0deg, 90deg, 180deg)		0.65	1.89	0.73
Indirect: Peak Candela & Angle			457.9	105.0
Indirect: Zenith Candela, Peak to Zenith			175.8	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	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	559	59.0%	59.0%
90-150	792	83.6%	83.6%
90-180	937	98.8%	98.8%
0-180	948	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	8	8	8
5	8	8	8
15	5	7	6
25	3	8	5
35	2	10	5
45	0	14	4
55	0	23	7
65	0	38	13
75	0	73	24
85	0	217	53

LUMINAIRE SECTION

LEDALITE

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