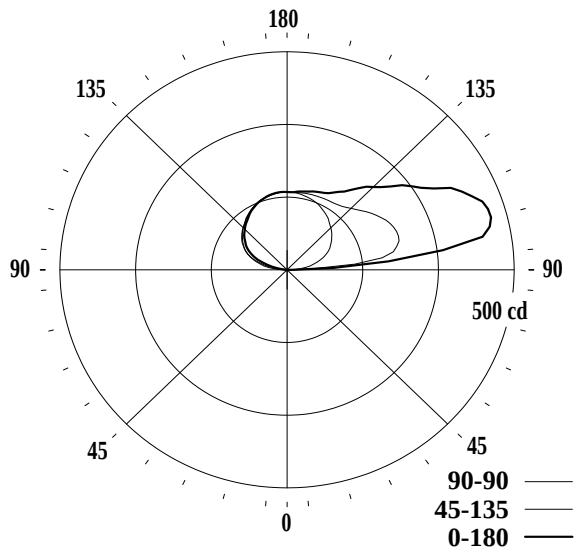
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L93510LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 1000LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	963 lm 100.0%
Input Watts:	277 VAC 10.0	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 96.3
CIE-IES Classification:	Indirect	**Report:**	LNG00766

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	10	17	7	3	1	
95	224	150	29	8	4	72
105	465	255	69	62	45	166
115	425	251	100	100	87	175
125	334	226	120	122	112	155
135	269	199	136	137	132	131
145	219	185	152	151	148	106
155	195	182	165	165	164	80
165	186	180	173	174	174	50
175	179	178	178	179	179	17
180	179	179	179	179	179	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			10.4	90.0
Direct: Peak Candela & Angle (180deg)			1.1	2.5
Spacing Criteria (0deg, 90deg, 180deg)		0.65	1.97	0.73
Indirect: Peak Candela & Angle			465.1	105.0
Indirect: Zenith Candela, Peak to Zenith			178.6	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	0.4017	0.3842	3528	0.0021
CRI (Ra), R9			93	66
120V: P(W), I(A), THD(%), PF	9.7	0.090	15.7	0.980
277V: P(W), I(A), THD(%), PF	10.0	0.040	19.9	0.871
347V: P(W), I(A), THD(%), PF	10.4	0.030	14.4	0.923

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	568	59.0%	59.0%
90-150	804	83.6%	83.6%
90-180	951	98.8%	98.8%
0-180	963	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	15	5
55	0	24	7
65	0	40	13
75	0	73	24
85	0	225	53

LUMINAIRE SECTION

LEDALITE

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