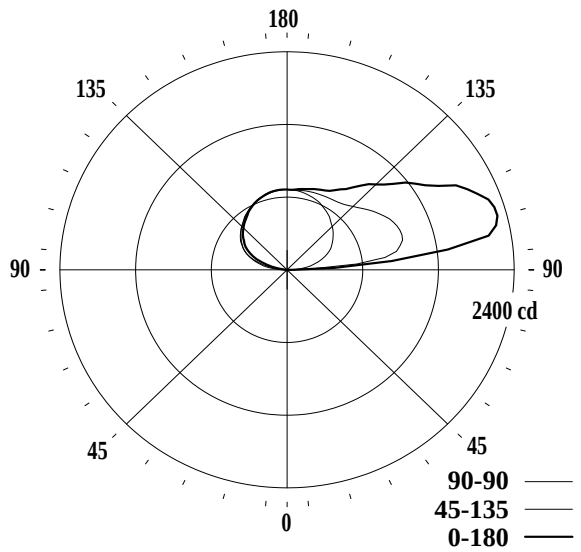
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L93550LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 5000LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4764 lm 100.0%
Input Watts:	120 VAC 50.3	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 94.7
CIE-IES Classification:	Indirect	**Report:**	LNG00772

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	5	5	5	5	5	
5	5	5	5	5	6	1
15	4	4	5	4	4	1
25	2	3	5	4	3	2
35	1	5	6	4	3	3
45	0	6	7	6	2	4
55	0	9	9	8	3	6
65	0	12	11	10	4	9
75	0	16	12	12	5	12
85	0	22	13	14	5	20
90	51	85	32	15	5	
95	1111	742	145	38	18	357
105	2302	1264	342	309	225	820
115	2101	1241	494	496	431	866
125	1654	1120	592	602	556	768
135	1329	986	675	677	652	647
145	1085	916	751	747	732	524
155	963	901	816	814	809	395
165	920	893	855	863	860	248
175	886	880	881	884	885	84
180	884	884	884	884	884	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			51.2	90.0
Direct: Peak Candela & Angle (180deg)			5.6	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.66	1.84	0.78
Indirect: Peak Candela & Angle			2302.0	105.0
Indirect: Zenith Candela, Peak to Zenith			883.9	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	0.4017	0.3842	3528	0.0021
CRI (Ra), R9			93	66
120V: P(W), I(A), THD(%), PF	50.3	0.450	6.2	0.997
277V: P(W), I(A), THD(%), PF	50.1	0.200	8.6	0.960
347V: P(W), I(A), THD(%), PF	49.6	0.160	6.0	0.980

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	3	0.1%	0.1%
0-40	6	0.1%	0.1%
0-60	16	0.3%	0.3%
0-90	56	1.2%	1.2%
90-130	2811	59.0%	59.0%
90-150	3981	83.6%	83.6%
90-180	4708	98.8%	98.8%
0-180	4764	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	39	39	39
5	38	41	43
15	27	37	31
25	16	38	26
35	7	51	24
45	0	72	23
55	0	116	38
65	0	194	63
75	0	361	122
85	0	1101	272

LUMINAIRE SECTION

LEDALITE

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