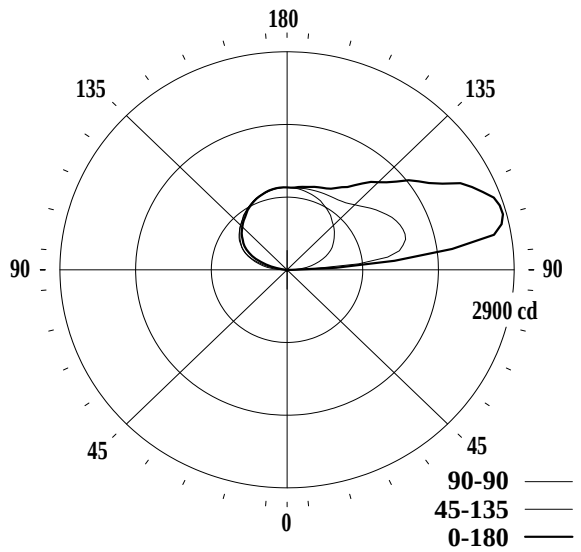
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L85060LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 6000LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5909 lm 100.0%
Input Watts:	120 VAC 48.7	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 121.3
CIE-IES Classification:	Indirect	**Report:**	LNG00758

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	6	6	6	6	6	
5	6	6	7	6	7	1
15	4	5	6	5	5	2
25	2	4	6	4	4	2
35	1	6	7	5	3	3
45	0	7	8	7	3	5
55	0	11	11	9	4	8
65	0	15	13	12	5	11
75	0	20	15	15	6	15
85	0	28	16	17	6	24
90	64	105	40	19	6	
95	1378	920	180	47	23	443
105	2855	1567	424	383	278	1017
115	2606	1539	613	615	535	1074
125	2051	1389	735	747	690	953
135	1648	1223	837	840	808	802
145	1345	1136	932	927	908	650
155	1194	1118	1012	1010	1004	490
165	1141	1107	1060	1070	1067	307
175	1098	1092	1092	1097	1097	105
180	1096	1096	1096	1096	1096	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			63.5	90.0
Direct: Peak Candela & Angle (180deg)			7.0	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.65	1.84	0.76
Indirect: Peak Candela & Angle			2855.2	105.0
Indirect: Zenith Candela, Peak to Zenith			1096.3	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	0.3402	0.3481	5183	0.0003
CRI (Ra), R9			83	15
120V: P(W), I(A), THD(%), PF	48.7	0.430	6.4	0.997
277V: P(W), I(A), THD(%), PF	48.5	0.190	8.8	0.958
347V: P(W), I(A), THD(%), PF	48.1	0.150	6.2	0.979

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	4	0.1%	0.1%
0-40	7	0.1%	0.1%
0-60	20	0.3%	0.3%
0-90	70	1.2%	1.2%
90-130	3486	59.0%	59.0%
90-150	4938	83.6%	83.6%
90-180	5839	98.8%	98.8%
0-180	5909	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	49	49	49
5	48	51	54
15	34	46	38
25	20	47	33
35	9	64	31
45	0	91	29
55	0	144	47
65	0	239	78
75	0	446	152
85	0	1360	341

LUMINAIRE SECTION

LEDALITE

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