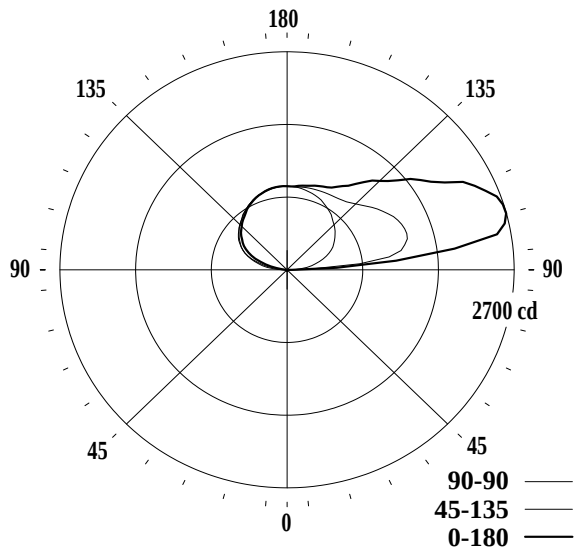
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83060LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 6000LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5582 lm 100.0%
Input Watts:	120 VAC 48.7	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 114.6
CIE-IES Classification:	Indirect	**Report:**	LNG00710

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	6	6	6	6	6	
5	6	6	6	6	7	1
15	4	5	6	5	5	1
25	2	4	5	4	4	2
35	1	5	6	5	3	3
45	0	7	8	6	3	5
55	0	10	10	9	4	7
65	0	14	13	11	5	11
75	0	19	15	14	6	14
85	0	26	15	16	6	23
90	60	100	37	18	6	
95	1301	869	170	45	21	419
105	2697	1481	401	362	263	960
115	2462	1454	579	581	505	1014
125	1938	1312	694	706	651	900
135	1557	1156	791	794	763	758
145	1271	1073	880	876	857	614
155	1128	1056	956	954	948	463
165	1078	1046	1001	1011	1008	290
175	1038	1031	1032	1036	1037	99
180	1036	1036	1036	1036	1036	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			60.0	90.0
Direct: Peak Candela & Angle (180deg)			6.6	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.65	1.84	0.78
Indirect: Peak Candela & Angle			2697.2	105.0
Indirect: Zenith Candela, Peak to Zenith			1035.6	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	0.4261	0.3984	3144	0.0007
CRI (Ra), R9			83	9
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	19	0.3%	0.3%
0-90	66	1.2%	1.2%
90-130	3293	59.0%	59.0%
90-150	4665	83.6%	83.6%
90-180	5516	98.8%	98.8%
0-180	5582	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	46	46	46
5	45	48	51
15	32	44	35
25	19	45	31
35	8	60	29
45	0	85	27
55	0	136	45
65	0	227	73
75	0	423	142
85	0	1285	320

LUMINAIRE SECTION

LEDALITE

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