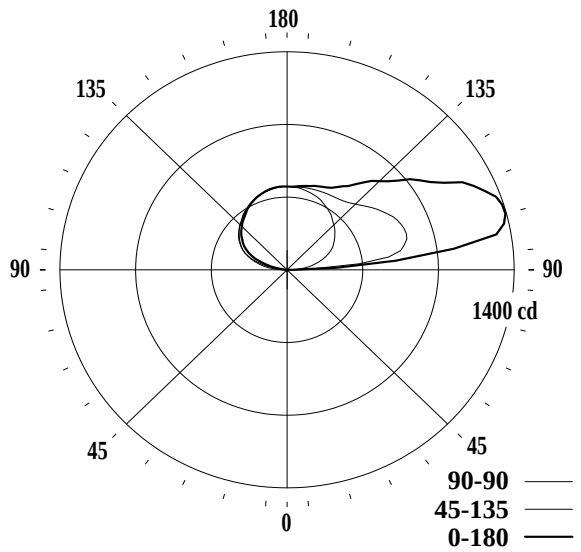
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83530LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 3000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2884 lm 100.0%
Input Watts:	120 VAC 22.8	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 126.5
CIE-IES Classification:	Indirect	**Report:**	LNG00723

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	3	3	3	3	3	
5	3	3	3	3	3	0
15	2	2	3	3	2	1
25	1	2	3	2	2	1
35	1	3	3	2	2	2
45	0	4	4	3	1	2
55	0	5	5	5	2	4
65	0	7	7	6	2	5
75	0	10	8	7	3	7
85	0	14	8	8	3	12
90	31	51	19	9	3	
95	673	449	88	23	11	216
105	1394	765	207	187	136	496
115	1272	751	299	300	261	524
125	1001	678	359	365	337	465
135	805	597	409	410	395	392
145	657	555	455	452	443	317
155	583	546	494	493	490	239
165	557	541	517	522	521	150
175	536	533	533	535	536	51
180	535	535	535	535	535	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			31.0	90.0
Direct: Peak Candela & Angle (180deg)			3.4	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.64	1.85	0.74
Indirect: Peak Candela & Angle			1393.8	105.0
Indirect: Zenith Candela, Peak to Zenith			535.2	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	0.4025	0.3887	3546	0.0003
CRI (Ra), R9			82	9
120V: P(W), I(A), THD(%), PF	22.8	0.200	11.3	0.990
277V: P(W), I(A), THD(%), PF	22.7	0.090	11.1	0.922
347V: P(W), I(A), THD(%), PF	23.1	0.080	9.7	0.936

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	2	0.1%	0.1%
0-40	4	0.1%	0.1%
0-60	10	0.3%	0.3%
0-90	34	1.2%	1.2%
90-130	1702	59.0%	59.0%
90-150	2411	83.6%	83.6%
90-180	2851	98.8%	98.8%
0-180	2884	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	24	24	24
5	23	25	26
15	16	22	18
25	10	23	16
35	5	31	15
45	0	44	14
55	0	71	22
65	0	117	37
75	0	219	73
85	0	667	165

LUMINAIRE SECTION

LEDALITE

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