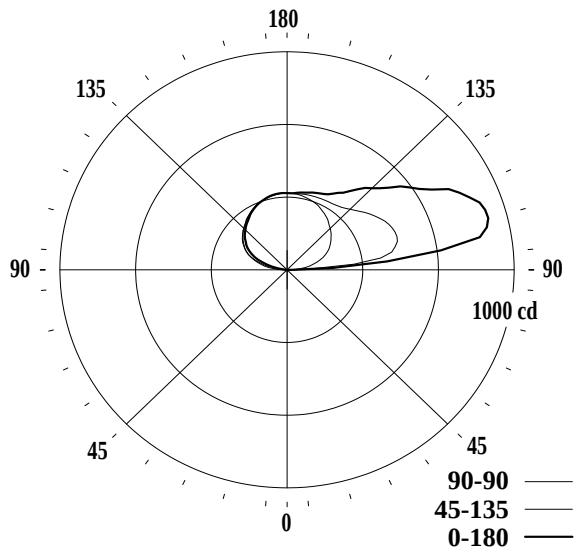
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83520LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 2000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1898 lm 100.0%
Input Watts:	277 VAC 14.9	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 127.4
CIE-IES Classification:	Indirect	**Report:**	LNG00721

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2	2	2	2	2	
5	2	2	2	2	2	0
15	1	2	2	2	2	1
25	1	1	2	1	1	1
35	0	2	2	2	1	1
45	0	2	3	2	1	2
55	0	3	4	3	1	2
65	0	5	4	4	2	4
75	0	6	5	5	2	5
85	0	9	5	5	2	8
90	20	34	13	6	2	
95	443	296	58	15	7	142
105	917	503	136	123	89	327
115	837	494	197	198	172	345
125	659	446	236	240	222	306
135	530	393	269	270	260	258
145	432	365	299	298	292	209
155	384	359	325	324	322	157
165	367	356	340	344	343	99
175	353	351	351	352	353	34
180	352	352	352	352	352	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			20.4	90.0
Direct: Peak Candela & Angle (180deg)			2.2	2.5
Spacing Criteria (0deg, 90deg, 180deg)		0.65	1.91	0.78
Indirect: Peak Candela & Angle			917.1	105.0
Indirect: Zenith Candela, Peak to Zenith			352.1	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	14.7	0.130	10.8	0.989
277V: P(W), I(A), THD(%), PF	14.9	0.060	15.4	0.929
347V: P(W), I(A), THD(%), PF	15.5	0.050	11.8	0.956

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	2	0.1%	0.1%
0-60	6	0.3%	0.3%
0-90	22	1.2%	1.2%
90-130	1120	59.0%	59.0%
90-150	1586	83.6%	83.6%
90-180	1876	98.8%	98.8%
0-180	1898	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	15	15	15
5	15	16	17
15	11	15	12
25	7	15	11
35	3	21	10
45	0	29	9
55	0	47	15
65	0	77	24
75	0	143	49
85	0	434	107

LUMINAIRE SECTION

LEDALITE

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