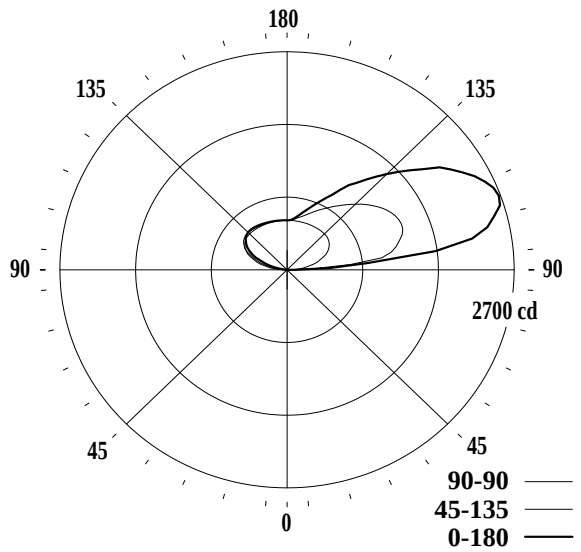
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83550WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 5000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5017 lm 100.0%
Input Watts:	120 VAC 39.1	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 128.3
CIE-IES Classification:	Indirect	**Report:**	LNG00717

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	4	4	4	4	4	
5	4	3	4	4	4	0
15	2	3	4	4	3	1
25	1	3	4	3	3	2
35	0	4	5	4	3	3
45	0	6	7	6	3	4
55	0	8	9	8	4	6
65	0	11	11	10	5	9
75	0	15	12	12	6	12
85	0	22	13	14	6	20
90	90	69	35	17	5	
95	964	762	160	42	21	390
105	2547	1381	372	325	233	898
115	2591	1468	532	520	458	995
125	2213	1348	608	629	596	893
135	1677	1149	629	654	655	702
145	1281	956	625	641	653	505
155	938	803	620	628	635	332
165	737	685	616	620	623	186
175	624	617	614	615	616	59
180	612	612	612	612	612	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			89.8	90.0
Direct: Peak Candela & Angle (180deg)			5.6	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.52	2.58	1.11
Indirect: Peak Candela & Angle			2679.9	110.0
Indirect: Zenith Candela, Peak to Zenith			612.3	4.38
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	39.1	0.350	5.9	0.997
277V: P(W), I(A), THD(%), PF	39.0	0.150	8.7	0.967
347V: P(W), I(A), THD(%), PF	39.9	0.130	6.2	0.972

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	5	0.1%	0.1%
0-60	16	0.3%	0.3%
0-90	56	1.1%	1.1%
90-130	3177	63.3%	63.3%
90-150	4383	87.4%	87.4%
90-180	4960	98.9%	98.9%
0-180	5017	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	28	28	28
5	28	28	30
15	16	29	24
25	10	32	21
35	0	48	23
45	0	71	26
55	0	113	45
65	0	189	75
75	0	353	137
85	0	1093	299

LUMINAIRE SECTION

LEDALITE

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