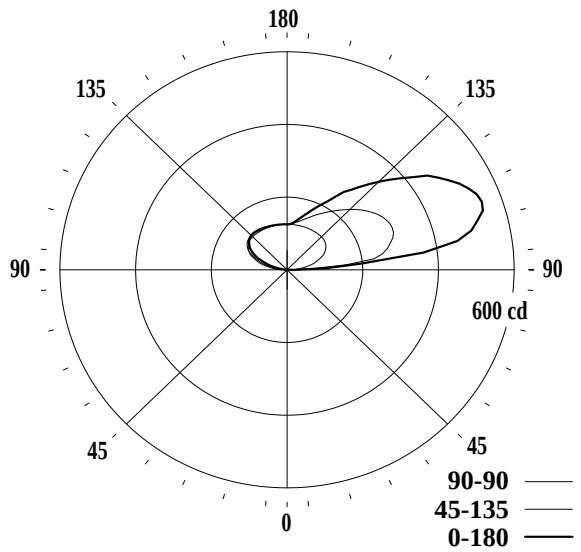
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83510WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 1000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1025 lm 100.0%
Input Watts:	277 VAC 8.7	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 117.8
CIE-IES Classification:	Indirect	**Report:**	LNG00711

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1	1	1	1	1	
5	1	1	1	1	1	0
15	0	1	1	1	1	0
25	0	1	1	1	1	0
35	0	1	1	1	1	1
45	0	1	1	1	1	1
55	0	2	2	2	1	1
65	0	2	2	2	1	2
75	0	3	3	3	1	2
85	0	5	3	3	1	4
90	18	14	7	3	1	
95	197	156	33	9	4	80
105	521	282	76	66	48	184
115	530	300	109	106	94	203
125	452	275	124	129	122	183
135	343	235	129	134	134	144
145	262	195	128	131	133	103
155	192	164	127	128	130	68
165	151	140	126	127	127	38
175	128	126	125	126	126	12
180	125	125	125	125	125	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			18.4	90.0
Direct: Peak Candela & Angle (180deg)			1.1	70.0
Spacing Criteria (0deg, 90deg, 180deg)		0.50	2.38	0.80
Indirect: Peak Candela & Angle			547.7	110.0
Indirect: Zenith Candela, Peak to Zenith			125.1	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	8.3	0.080	17.5	0.974
277V: P(W), I(A), THD(%), PF	8.7	0.040	21.2	0.842
347V: P(W), I(A), THD(%), PF	9.0	0.030	15.6	0.893

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	1	0.1%	0.1%
0-60	3	0.3%	0.3%
0-90	12	1.1%	1.1%
90-130	649	63.3%	63.3%
90-150	896	87.4%	87.4%
90-180	1014	98.9%	98.9%
0-180	1025	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	6	6	6
5	6	5	6
15	3	6	5
25	2	7	4
35	0	10	5
45	0	15	5
55	0	23	9
65	0	38	15
75	0	73	27
85	0	225	59

LUMINAIRE SECTION

LEDALITE

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