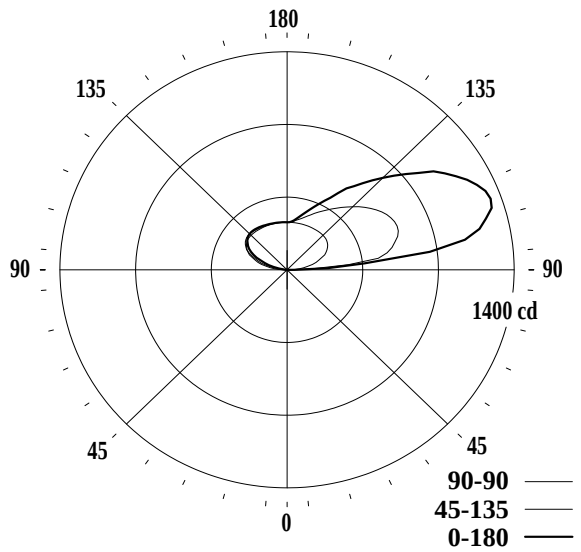
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83525WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 2500LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2500 lm 100.0%
Input Watts:	120 VAC 18.2	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 137.4
CIE-IES Classification:	Indirect	**Report:**	LNG00714

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2	2	2	2	2	
5	2	2	2	2	2	0
15	1	1	2	2	2	0
25	1	2	2	2	1	1
35	0	2	3	2	1	1
45	0	3	3	3	1	2
55	0	4	4	4	2	3
65	0	6	5	5	2	5
75	0	7	6	6	3	6
85	0	11	7	7	3	10
90	45	35	18	8	3	
95	480	380	80	21	10	195
105	1269	688	185	162	116	448
115	1291	731	265	259	228	496
125	1103	672	303	314	297	445
135	836	573	314	326	327	350
145	639	477	312	320	325	251
155	468	400	309	313	317	165
165	368	341	307	309	311	93
175	311	307	306	306	307	30
180	305	305	305	305	305	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			44.8	90.0
Direct: Peak Candela & Angle (180deg)			2.8	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.54	2.61	1.16
Indirect: Peak Candela & Angle			1335.5	110.0
Indirect: Zenith Candela, Peak to Zenith			305.1	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	18.2	0.160	8.4	0.994
277V: P(W), I(A), THD(%), PF	18.2	0.070	13.0	0.953
347V: P(W), I(A), THD(%), PF	18.9	0.060	10.6	0.969

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	3	0.1%	0.1%
0-60	8	0.3%	0.3%
0-90	28	1.1%	1.1%
90-130	1583	63.3%	63.3%
90-150	2184	87.4%	87.4%
90-180	2472	98.9%	98.9%
0-180	2500	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	14	14	14
5	14	14	15
15	8	14	12
25	5	16	11
35	0	24	12
45	0	36	13
55	0	56	22
65	0	94	37
75	0	175	69
85	0	542	149

LUMINAIRE SECTION

LEDALITE

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