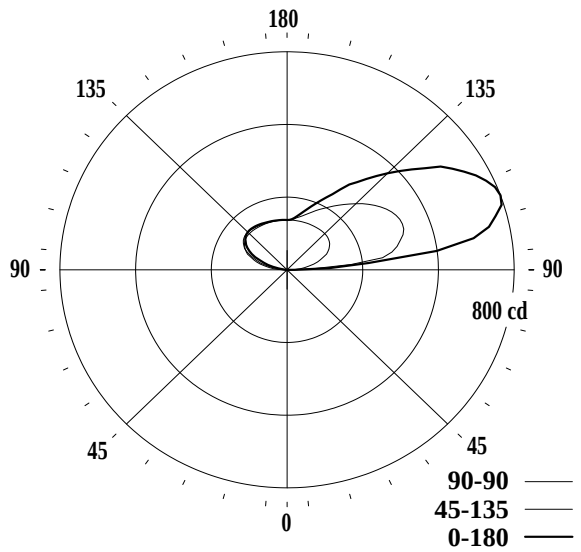
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83515WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 1500LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1498 lm 100.0%
Input Watts:	277 VAC 11.6	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 129.1
CIE-IES Classification:	Indirect	**Report:**	LNG00712

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1	1	1	1	1	
5	1	1	1	1	1	0
15	1	1	1	1	1	0
25	0	1	1	1	1	0
35	0	1	2	1	1	1
45	0	2	2	2	1	1
55	0	3	3	2	1	2
65	0	3	3	3	1	3
75	0	5	4	4	2	4
85	0	7	4	4	2	6
90	27	21	11	5	2	
95	288	227	48	13	6	117
105	760	412	111	97	70	268
115	774	438	159	155	137	297
125	661	402	182	188	178	267
135	501	343	188	195	196	210
145	383	286	187	191	195	151
155	280	240	185	187	190	99
165	220	205	184	185	186	56
175	186	184	183	184	184	18
180	183	183	183	183	183	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			26.8	90.0
Direct: Peak Candela & Angle (180deg)			1.7	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.53	2.58	1.12
Indirect: Peak Candela & Angle			800.2	110.0
Indirect: Zenith Candela, Peak to Zenith			182.8	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	11.3	0.100	13.8	0.984
277V: P(W), I(A), THD(%), PF	11.6	0.050	18.3	0.896
347V: P(W), I(A), THD(%), PF	12.1	0.040	13.3	0.942

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	5	0.3%	0.3%
0-90	17	1.1%	1.1%
90-130	948	63.3%	63.3%
90-150	1309	87.4%	87.4%
90-180	1481	98.9%	98.9%
0-180	1498	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	8	8	8
5	8	8	9
15	5	9	7
25	2	9	7
35	0	14	7
45	0	22	8
55	0	33	14
65	0	56	23
75	0	105	42
85	0	325	91

LUMINAIRE SECTION

LEDALITE

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