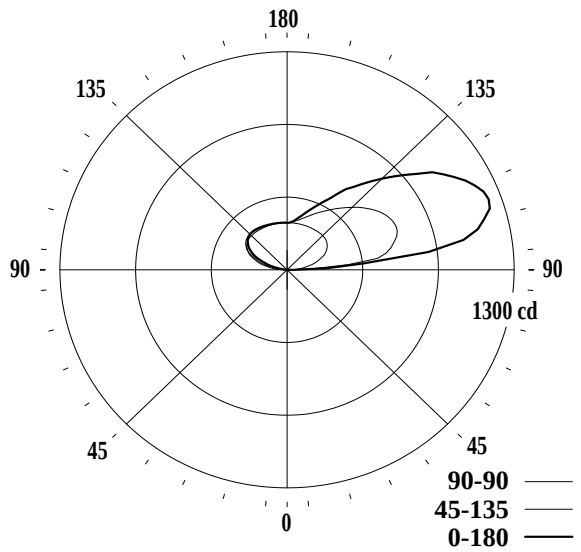
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L82725WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 2500LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2300 lm 100.0%
Input Watts:	120 VAC 18.2	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 126.4
CIE-IES Classification:	Indirect	**Report:**	LNG00682

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	1	0
25	1	1	2	2	1	1
35	0	2	2	2	1	1
45	0	3	3	3	1	2
55	0	4	4	4	2	3
65	0	5	5	5	2	4
75	0	7	6	6	3	6
85	0	10	6	6	3	9
90	41	32	16	8	2	
95	442	349	73	19	9	179
105	1168	633	171	149	107	412
115	1188	673	244	238	210	456
125	1015	618	279	289	273	410
135	769	527	288	300	300	322
145	588	438	287	294	299	231
155	430	368	284	288	291	152
165	338	314	282	284	286	85
175	286	283	281	282	282	27
180	281	281	281	281	281	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			41.2	90.0
Direct: Peak Candela & Angle (180deg)			2.6	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.52	2.57	1.14
Indirect: Peak Candela & Angle			1228.7	110.0
Indirect: Zenith Candela, Peak to Zenith			280.7	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	0.4500	0.4041	2792	0.0015
CRI (Ra), R9			82	7
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	2	0.1%	0.1%
0-60	7	0.3%	0.3%
0-90	26	1.1%	1.1%
90-130	1456	63.3%	63.3%
90-150	2010	87.4%	87.4%
90-180	2274	98.9%	98.9%
0-180	2300	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	13	13	13
5	13	12	14
15	7	14	11
25	4	14	10
35	0	22	11
45	0	32	12
55	0	52	20
65	0	86	34
75	0	160	64
85	0	500	139

LUMINAIRE SECTION

LEDALITE

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