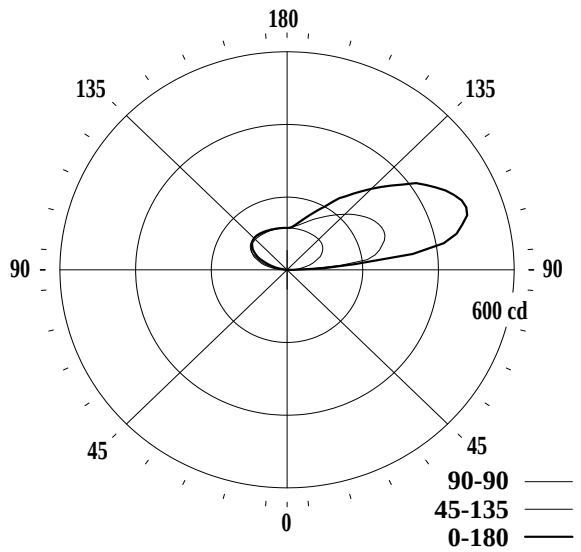
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L82710WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 1000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	943 lm 100.0%
Input Watts:	277 VAC 8.7	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 108.4
CIE-IES Classification:	Indirect	**Report:**	LNG00679

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	2	2	1	2
85	0	4	3	3	1	4
90	17	13	7	3	1	
95	181	143	30	8	4	73
105	479	260	70	61	44	169
115	487	276	100	98	86	187
125	416	253	114	118	112	168
135	315	216	118	123	123	132
145	241	180	118	121	123	95
155	176	151	117	118	119	62
165	139	129	116	117	117	35
175	117	116	115	116	116	11
180	115	115	115	115	115	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			16.9	90.0
Direct: Peak Candela & Angle (180deg)			1.0	70.0
Spacing Criteria (0deg, 90deg, 180deg)		0.55	2.53	1.12
Indirect: Peak Candela & Angle			503.9	110.0
Indirect: Zenith Candela, Peak to Zenith			115.1	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	0.4500	0.4041	2792	0.0015
CRI (Ra), R9			82	7
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	11	1.1%	1.1%
90-130	597	63.3%	63.3%
90-150	824	87.4%	87.4%
90-180	933	98.9%	98.9%
0-180	943	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	5	5	5
5	5	5	5
15	3	6	5
25	2	6	4
35	0	9	5
45	0	13	5
55	0	21	9
65	0	36	15
75	0	67	24
85	0	209	53

LUMINAIRE SECTION

LEDALITE

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