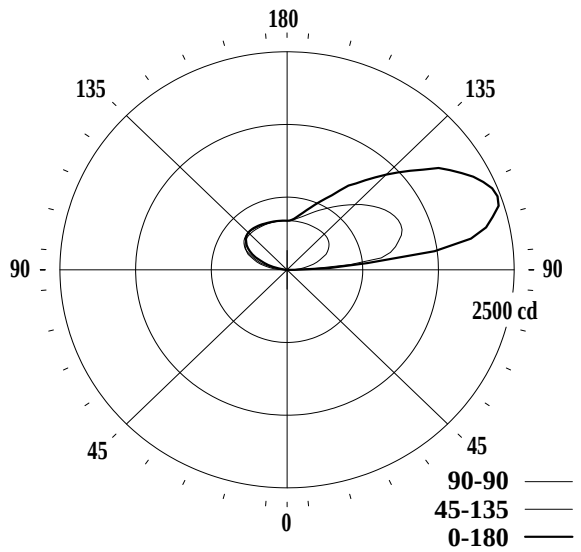
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L82750WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 5000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4615 lm 100.0%
Input Watts:	120 VAC 39.1	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 118.0
CIE-IES Classification:	Indirect	**Report:**	LNG00685

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	3	3	3	3	3	
5	3	3	3	4	4	0
15	2	3	3	3	3	1
25	1	3	4	3	2	1
35	0	4	5	4	2	2
45	0	6	6	5	2	4
55	0	8	8	7	3	6
65	0	10	10	9	4	8
75	0	14	11	11	5	11
85	0	20	12	13	5	18
90	83	64	33	15	5	
95	887	701	147	38	19	359
105	2343	1270	342	299	214	826
115	2384	1350	489	478	422	916
125	2036	1240	560	579	548	822
135	1543	1057	579	601	603	646
145	1179	880	575	590	600	464
155	863	739	571	577	584	305
165	678	630	566	570	573	171
175	574	567	565	566	566	55
180	563	563	563	563	563	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			82.6	90.0
Direct: Peak Candela & Angle (180deg)			5.1	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.51	2.57	1.12
Indirect: Peak Candela & Angle			2465.5	110.0
Indirect: Zenith Candela, Peak to Zenith			563.3	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	39.1	0.350	5.9	0.997
277V: P(W), I(A), THD(%), PF	39.0	0.150	8.7	0.967
347V: P(W), I(A), THD(%), PF	39.9	0.130	6.2	0.972

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	3	0.1%	0.1%
0-40	5	0.1%	0.1%
0-60	14	0.3%	0.3%
0-90	52	1.1%	1.1%
90-130	2922	63.3%	63.3%
90-150	4032	87.4%	87.4%
90-180	4564	98.9%	98.9%
0-180	4615	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	26	26	26
5	26	25	28
15	14	27	22
25	9	30	20
35	0	44	21
45	0	66	24
55	0	104	41
65	0	175	70
75	0	324	125
85	0	1009	272

LUMINAIRE SECTION

LEDALITE

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