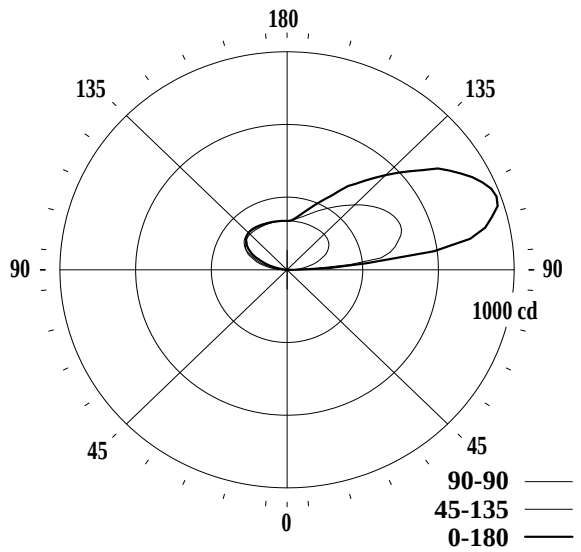
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L82720WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 2000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1838 lm 100.0%
Input Watts:	277 VAC 14.9	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 123.4
CIE-IES Classification:	Indirect	**Report:**	LNG00681

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	1
35	0	2	2	2	1	1
45	0	2	2	2	1	2
55	0	3	3	3	1	2
65	0	4	4	4	2	3
75	0	6	4	5	2	4
85	0	8	5	5	2	7
90	33	25	13	6	2	
95	353	279	59	15	8	143
105	933	506	136	119	85	329
115	949	538	195	191	168	365
125	811	494	223	231	218	327
135	615	421	231	240	240	257
145	470	350	229	235	239	185
155	344	294	227	230	233	122
165	270	251	226	227	228	68
175	229	226	225	225	226	22
180	224	224	224	224	224	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			32.9	90.0
Direct: Peak Candela & Angle (180deg)			2.0	72.5
Spacing Criteria (0deg, 90deg, 180deg)		0.52	2.68	1.15
Indirect: Peak Candela & Angle			981.9	110.0
Indirect: Zenith Candela, Peak to Zenith			224.3	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	14.7	0.130	10.8	0.989
277V: P(W), I(A), THD(%), PF	14.9	0.060	15.4	0.929
347V: P(W), I(A), THD(%), PF	15.5	0.050	11.8	0.956

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	6	0.3%	0.3%
0-90	21	1.1%	1.1%
90-130	1164	63.3%	63.3%
90-150	1606	87.4%	87.4%
90-180	1817	98.9%	98.9%
0-180	1838	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	10	10	10
5	10	10	11
15	5	10	9
25	3	12	8
35	0	18	8
45	0	26	9
55	0	41	16
65	0	68	28
75	0	128	49
85	0	400	107

LUMINAIRE SECTION

LEDALITE

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