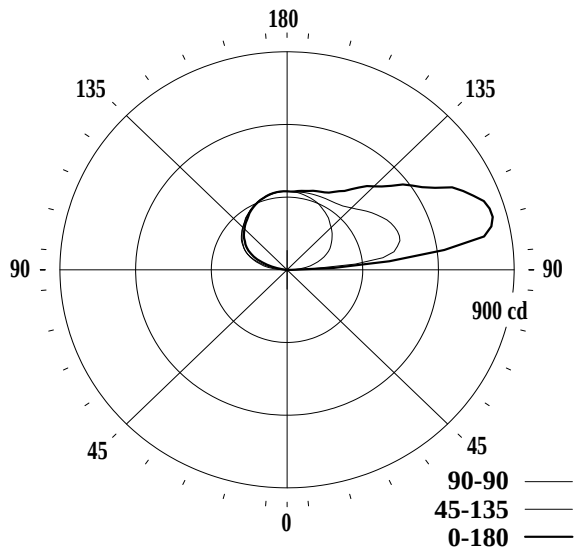
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L82720LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 2000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1746 lm 100.0%
Input Watts:	277 VAC 14.9	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 117.2
CIE-IES Classification:	Indirect	**Report:**	LNG00689

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2	2	2	2	2	
5	2	2	2	2	2	0
15	1	2	2	2	1	0
25	1	1	2	1	1	1
35	0	2	2	1	1	1
45	0	2	3	2	1	1
55	0	3	3	3	1	2
65	0	4	4	4	1	3
75	0	6	5	4	2	4
85	0	8	5	5	2	7
90	19	31	12	6	2	
95	407	272	53	14	7	131
105	844	463	125	113	82	300
115	770	455	181	182	158	317
125	606	410	217	221	204	282
135	487	362	247	248	239	237
145	398	336	275	274	268	192
155	353	330	299	298	297	145
165	337	327	313	316	315	91
175	325	323	323	324	324	31
180	324	324	324	324	324	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			18.8	90.0
Direct: Peak Candela & Angle (180deg)			2.1	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.63	1.86	0.71
Indirect: Peak Candela & Angle			843.8	105.0
Indirect: Zenith Candela, Peak to Zenith			324.0	2.60
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	1.2%	1.2%
90-130	1030	59.0%	59.0%
90-150	1459	83.6%	83.6%
90-180	1726	98.8%	98.8%
0-180	1746	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	15	15	15
5	14	15	16
15	10	14	11
25	6	14	10
35	3	19	9
45	0	27	8
55	0	43	14
65	0	70	23
75	0	131	44
85	0	400	101

LUMINAIRE SECTION

LEDALITE

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