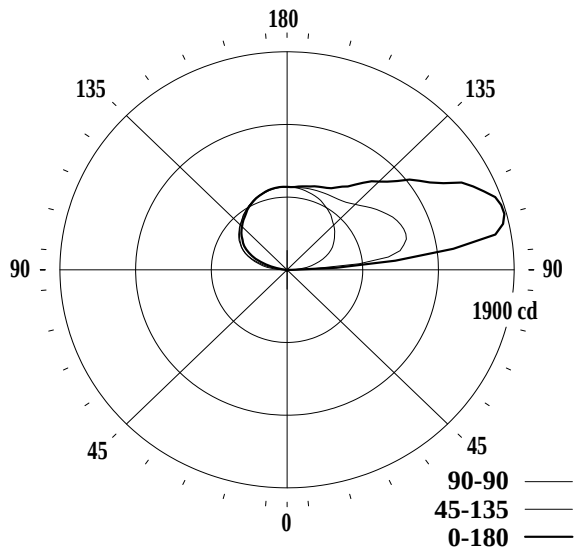
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L84040LN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FILL 4000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3897 lm 100.0%
Input Watts:	120 VAC 30.5	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 127.8
CIE-IES Classification:	Indirect	**Report:**	LNG00740

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	4	4	4	4	4	
5	4	4	4	4	5	0
15	3	3	4	4	3	1
25	2	3	4	3	3	1
35	1	4	5	3	2	2
45	0	5	6	5	2	3
55	0	7	7	6	3	5
65	0	10	9	8	3	7
75	0	13	10	10	4	10
85	0	18	11	11	4	16
90	42	70	26	12	4	
95	909	607	118	31	15	292
105	1883	1034	280	253	184	671
115	1719	1015	404	406	353	708
125	1353	916	485	493	455	629
135	1087	807	552	554	533	529
145	887	750	614	611	599	428
155	788	737	667	666	662	323
165	753	730	699	706	704	203
175	725	720	720	723	724	69
180	723	723	723	723	723	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			41.9	90.0
Direct: Peak Candela & Angle (180deg)			4.6	5.0
Spacing Criteria (0deg, 90deg, 180deg)		0.65	1.85	0.76
Indirect: Peak Candela & Angle			1883.2	105.0
Indirect: Zenith Candela, Peak to Zenith			723.1	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	0.3764	0.3740	4092	0.0001
CRI (Ra), R9			83	13
120V: P(W), I(A), THD(%), PF	30.5	0.270	8.2	0.994
277V: P(W), I(A), THD(%), PF	30.4	0.120	9.0	0.949
347V: P(W), I(A), THD(%), PF	31.1	0.100	7.7	0.960

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	13	0.3%	0.3%
0-90	46	1.2%	1.2%
90-130	2300	59.0%	59.0%
90-150	3257	83.6%	83.6%
90-180	3852	98.8%	98.8%
0-180	3897	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	32	32	32
5	31	33	35
15	23	30	25
25	13	31	21
35	6	42	20
45	0	59	19
55	0	94	31
65	0	158	52
75	0	294	100
85	0	901	224

LUMINAIRE SECTION

LEDALITE

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