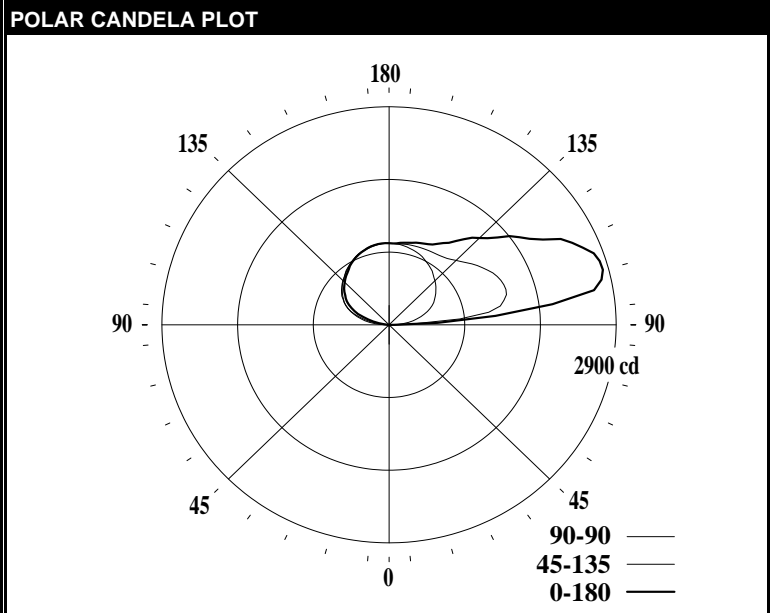


# LEDALITE - TRUGROOVE COVE

<b>TEST DATE:</b>	26 Nov 2019	<b>CATALOG NO:</b>	TC08L84060LN04xDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE COVE FILL 6000LM 840
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	5851 lm 100.0%
<b>Input Watts:</b>	120 VAC 48.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	99% Up / 1% Dn 120.1
<b>CIE-IES Classification:</b>	Indirect	<b>Report:</b>	LNG00742

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	6	6	6	6	6	
5	6	6	7	6	7	1
15	4	5	6	5	5	1
25	2	4	6	4	4	2
35	1	6	7	5	3	3
45	0	7	8	7	3	5
55	0	11	11	9	4	8
65	0	15	13	12	5	11
75	0	20	15	15	6	15
85	0	27	16	17	6	24
90	63	104	39	18	6	
95	1364	911	178	47	23	439
105	2827	1552	420	379	276	1007
115	2581	1524	607	610	530	1063
125	2031	1375	728	740	683	944
135	1632	1211	829	832	800	794
145	1332	1125	923	918	899	643
155	1183	1107	1002	1000	994	485
165	1130	1097	1050	1059	1057	304
175	1088	1081	1082	1086	1087	103
180	1086	1086	1086	1086	1086	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	62.9	90.0	
Direct: Peak Candela & Angle (180deg)	6.9	5.0	
Spacing Criteria (0deg, 90deg, 180deg)	0.64	1.84	0.75
Indirect: Peak Candela & Angle	2827.4	105.0	
Indirect: Zenith Candela, Peak to Zenith	1085.6	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	48.7	0.430	6.4 0.997
277V: P(W), I(A), THD(%), PF	48.5	0.190	8.8 0.958
347V: P(W), I(A), THD(%), PF	48.1	0.150	6.2 0.979

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	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	4	0.1%	0.1%
0-40	7	0.1%	0.1%
0-60	20	0.3%	0.3%
0-90	69	1.2%	1.2%
90-130	3453	59.0%	59.0%
90-150	4890	83.6%	83.6%
90-180	5783	98.8%	98.8%
0-180	5851	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	48	48	48
5	47	50	53
15	34	45	37
25	20	47	32
35	9	63	31
45	0	90	29
55	0	142	46
65	0	238	76
75	0	443	149
85	0	1351	336

LUMINAIRE SECTION	



**LEDALITE**

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