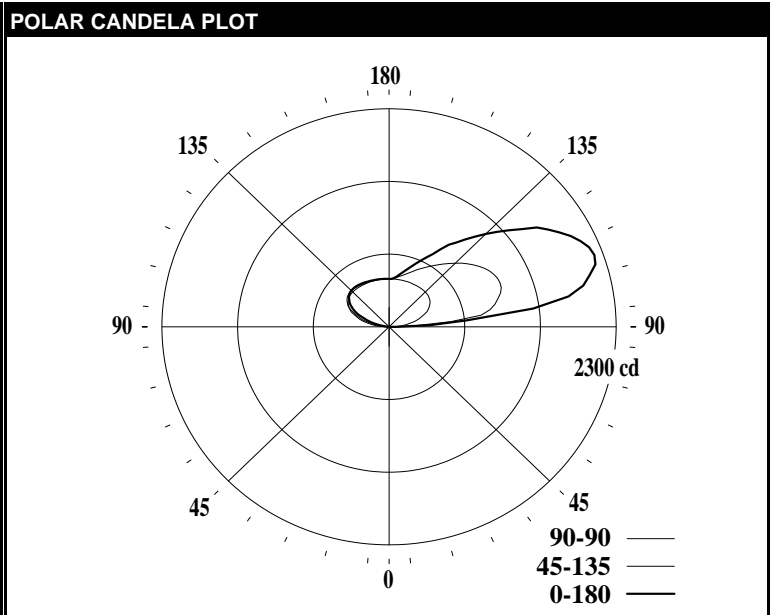


# LEDALITE - TRUGROOVE COVE

<b>TEST DATE:</b>	26 Nov 2019	<b>CATALOG NO:</b>	TC08L85040WN04xDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE COVE FOCUS 4000LM 850
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4143 lm 100.0%
<b>Input Watts:</b>	120 VAC 30.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	99% Up / 1% Dn 135.8
<b>CIE-IES Classification:</b>	Indirect	<b>Report:</b>	LNG00748

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	3	3	3	3	3	
5	3	3	3	3	3	0
15	2	2	3	3	3	1
25	1	3	3	3	2	1
35	0	4	4	4	2	2
45	0	5	6	5	2	3
55	0	7	7	6	3	5
65	0	9	9	8	4	8
75	0	12	10	10	5	10
85	0	18	11	12	5	16
90	74	57	29	14	4	
95	796	629	132	34	17	322
105	2103	1140	307	268	192	741
115	2140	1212	439	429	378	822
125	1827	1113	502	520	492	738
135	1385	949	520	540	541	580
145	1058	790	516	530	539	417
155	775	663	512	518	525	274
165	609	566	508	512	515	154
175	515	509	507	508	508	49
180	506	506	506	506	506	



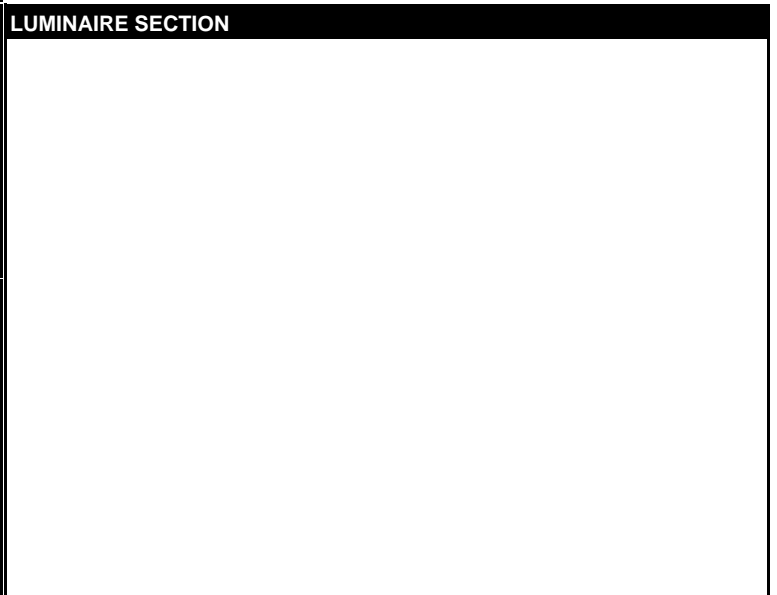
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	74.2	90.0	
Direct: Peak Candela & Angle (180deg)	4.6	75.0	
Spacing Criteria (0deg, 90deg, 180deg)	0.52	2.62	1.15
Indirect: Peak Candela & Angle	2213.0	110.0	
Indirect: Zenith Candela, Peak to Zenith	505.6	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	0.3402	0.3481	5183 0.0003
CRI (Ra), R9	83 15		
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	2	0.1%	0.1%
0-40	4	0.1%	0.1%
0-60	13	0.3%	0.3%
0-90	47	1.1%	1.1%
90-130	2623	63.3%	63.3%
90-150	3620	87.4%	87.4%
90-180	4096	98.9%	98.9%
0-180	4143	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	23	23	23
5	23	22	25
15	13	24	20
25	8	26	18
35	0	40	19
45	0	59	22
55	0	93	36
65	0	157	62
75	0	292	113
85	0	901	245



**LEDALITE**

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