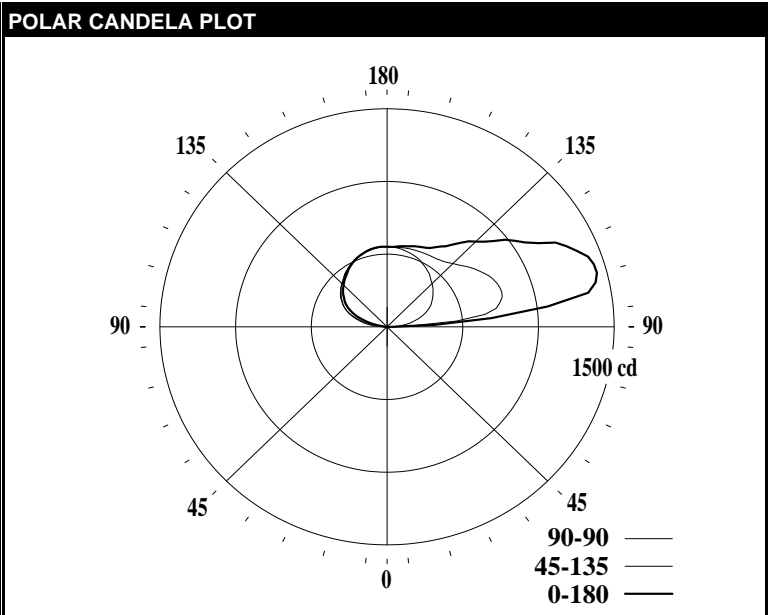


LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	CATALOG NO:	TC08L85030LN04xDE
Lamp Type:	LED	Description:	TRUGROOVE COVE FILL 3000LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2971 lm 100.0%
Input Watts:	120 VAC 22.8	Up/Dn Ratio, Efficacy (lm/W):	99% Up / 1% Dn 130.3
CIE-IES Classification:	Indirect	Report:	LNG00755

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	3	3	3	3	3	
5	3	3	3	3	4	0
15	2	3	3	3	2	1
25	1	2	3	2	2	1
35	1	3	3	2	2	2
45	0	4	4	3	1	2
55	0	5	5	5	2	4
65	0	7	7	6	2	6
75	0	10	8	7	3	7
85	0	14	8	8	3	12
90	32	53	20	9	3	
95	693	463	90	24	11	223
105	1436	788	213	193	140	511
115	1310	774	308	310	269	540
125	1031	698	369	376	347	479
135	829	615	421	422	406	403
145	676	571	468	466	456	327
155	601	562	509	508	505	246
165	574	557	533	538	537	154
175	552	549	549	551	552	53
180	551	551	551	551	551	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	31.9	90.0	
Direct: Peak Candela & Angle (180deg)	3.5	5.0	
Spacing Criteria (0deg, 90deg, 180deg)	0.65	1.84	0.76
Indirect: Peak Candela & Angle	1435.6	105.0	
Indirect: Zenith Candela, Peak to Zenith	551.2	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	0.3402	0.3481	5183 0.0003
CRI (Ra), R9	83		15
120V: P(W), I(A), THD(%), PF	22.8	0.200	11.3 0.990
277V: P(W), I(A), THD(%), PF	22.7	0.090	11.1 0.922
347V: P(W), I(A), THD(%), PF	23.1	0.080	9.7 0.936

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	2	0.1%	0.1%
0-40	4	0.1%	0.1%
0-60	10	0.3%	0.3%
0-90	35	1.2%	1.2%
90-130	1753	59.0%	59.0%
90-150	2483	83.6%	83.6%
90-180	2936	98.8%	98.8%
0-180	2971	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	25	25	25
5	24	25	27
15	17	23	19
25	10	24	17
35	5	32	15
45	0	45	14
55	0	72	24
65	0	121	39
75	0	224	76
85	0	684	171

LUMINAIRE SECTION	



LEDALITE

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