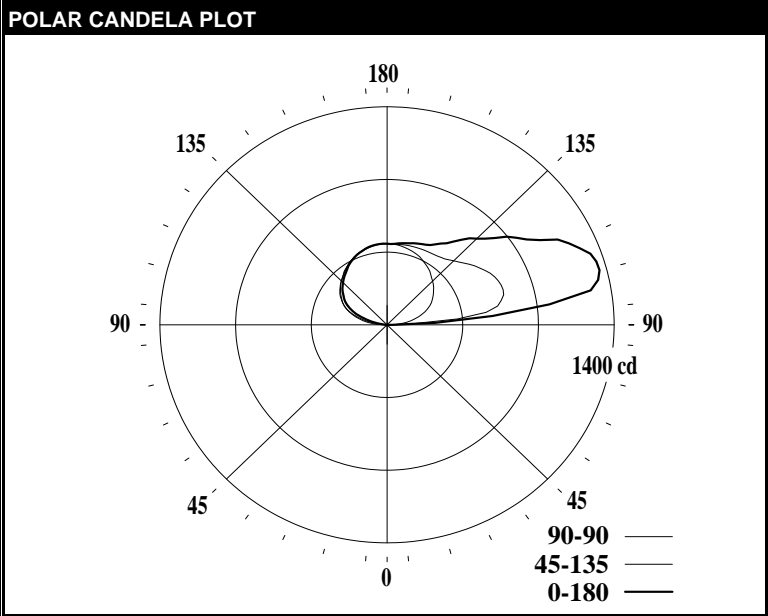


# LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	CATALOG NO:	TC08L83030LN04xDE
Lamp Type:	LED	Description:	TRUGROOVE COVE FILL 3000LM 830
No. of Lamps:	88	Flux (lm), Efficiency (%):	2807 lm 100.0%
Rated Lamp Lumens:	-1	Up/Dn Ratio, Efficacy (lm/W):	99% Up / 1% Dn 123.1
Input Watts:	120 VAC 22.8	Report:	LNG00707
CIE-IES Classification:	Indirect		

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	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	4	2	4
65	0	7	6	6	2	5
75	0	9	7	7	3	7
85	0	13	8	8	3	12
90	30	50	19	9	3	
95	654	437	85	22	11	211
105	1356	744	202	182	132	483
115	1238	731	291	292	254	510
125	974	660	349	355	328	453
135	783	581	398	399	384	381
145	639	540	443	440	431	309
155	567	531	481	480	477	233
165	542	526	503	508	507	146
175	522	519	519	521	521	50
180	521	521	521	521	521	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	30.2		90.0
Direct: Peak Candela & Angle (180deg)	3.3		5.0
Spacing Criteria (0deg, 90deg, 180deg)	0.65	1.87	0.78
Indirect: Peak Candela & Angle	1356.2		105.0
Indirect: Zenith Candela, Peak to Zenith	520.7		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	0.4261	0.3984	3144 0.0007
CRI (Ra), R9			83 9
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	3	0.1%	0.1%
0-60	9	0.3%	0.3%
0-90	33	1.2%	1.2%
90-130	1656	59.0%	59.0%
90-150	2346	83.6%	83.6%
90-180	2774	98.8%	98.8%
0-180	2807	100.0%	100.0%

AVG LUMINANCE (cd/m²)			
	0	90	180
0	23	23	23
5	22	24	25
15	16	21	18
25	9	22	16
35	5	30	14
45	0	43	13
55	0	68	22
65	0	113	37
75	0	213	71
85	0	651	160

LUMINAIRE SECTION	



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