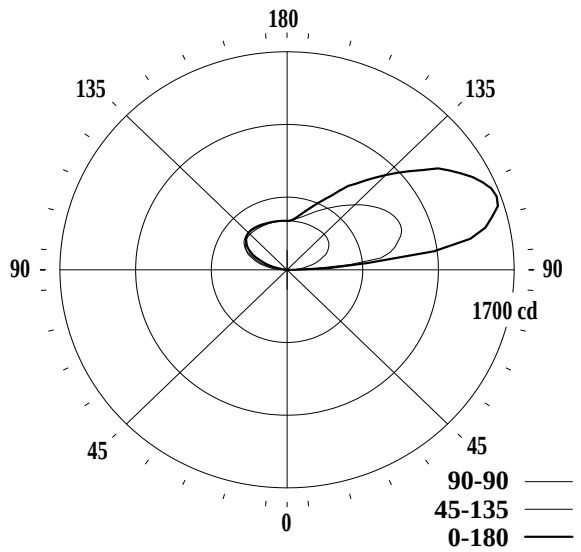
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L85030WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 3000LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3127 lm 100.0%
Input Watts:	120 VAC 22.8	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 137.1
CIE-IES Classification:	Indirect	**Report:**	LNG00747

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2	2	2	2	2	
5	2	2	2	2	2	0
15	1	2	2	2	2	1
25	1	2	2	2	2	1
35	0	3	3	3	2	2
45	0	4	4	4	2	3
55	0	5	5	5	2	4
65	0	7	7	6	3	6
75	0	9	8	8	4	8
85	0	14	8	9	4	12
90	56	43	22	10	3	
95	601	475	100	26	13	243
105	1588	861	232	203	145	560
115	1615	915	332	324	286	620
125	1380	840	379	392	371	557
135	1046	716	392	407	408	438
145	799	596	390	400	407	315
155	585	500	387	391	396	207
165	460	427	384	387	388	116
175	389	384	383	383	384	37
180	382	382	382	382	382	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			56.0	90.0
Direct: Peak Candela & Angle (180deg)			3.5	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.51	2.56	1.12
Indirect: Peak Candela & Angle			1670.6	110.0
Indirect: Zenith Candela, Peak to Zenith			381.7	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	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
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	10	0.3%	0.3%
0-90	35	1.1%	1.1%
90-130	1980	63.3%	63.3%
90-150	2732	87.4%	87.4%
90-180	3092	98.9%	98.9%
0-180	3127	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	18	18	18
5	18	17	18
15	9	18	15
25	6	20	13
35	0	30	14
45	0	44	16
55	0	71	27
65	0	117	47
75	0	219	86
85	0	684	187

LUMINAIRE SECTION

LEDALITE

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