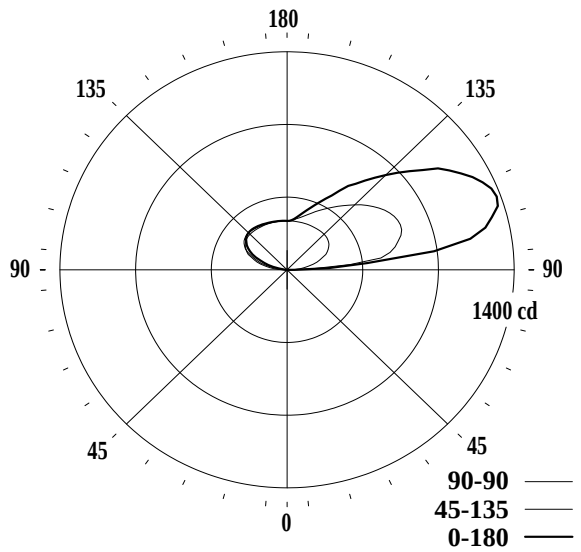
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L85025WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 2500LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2575 lm 100.0%
Input Watts:	120 VAC 18.2	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 141.5
CIE-IES Classification:	Indirect	**Report:**	LNG00746

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2	2	2	2	2	
5	2	2	2	2	2	0
15	1	1	2	2	2	0
25	1	2	2	2	1	1
35	0	2	3	2	1	1
45	0	3	3	3	1	2
55	0	4	4	4	2	3
65	0	6	5	5	2	5
75	0	8	6	6	3	6
85	0	11	7	7	3	10
90	46	36	18	9	3	
95	495	391	82	21	11	200
105	1307	709	191	167	120	461
115	1330	753	273	267	235	511
125	1136	692	312	323	306	459
135	861	590	323	336	336	360
145	658	491	321	329	335	259
155	482	412	318	322	326	170
165	379	352	316	318	320	96
175	320	317	315	316	316	31
180	314	314	314	314	314	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			46.1	90.0
Direct: Peak Candela & Angle (180deg)			2.9	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.51	2.60	1.12
Indirect: Peak Candela & Angle			1375.6	110.0
Indirect: Zenith Candela, Peak to Zenith			314.3	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	18.2	0.160	8.4	0.994
277V: P(W), I(A), THD(%), PF	18.2	0.070	13.0	0.953
347V: P(W), I(A), THD(%), PF	18.9	0.060	10.6	0.969

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	1	0.1%	0.1%
0-40	3	0.1%	0.1%
0-60	8	0.3%	0.3%
0-90	29	1.1%	1.1%
90-130	1631	63.3%	63.3%
90-150	2250	87.4%	87.4%
90-180	2546	98.9%	98.9%
0-180	2575	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	15	15	15
5	15	14	15
15	8	15	13
25	5	16	11
35	0	24	12
45	0	37	13
55	0	59	22
65	0	97	39
75	0	181	71
85	0	559	155

LUMINAIRE SECTION

LEDALITE

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