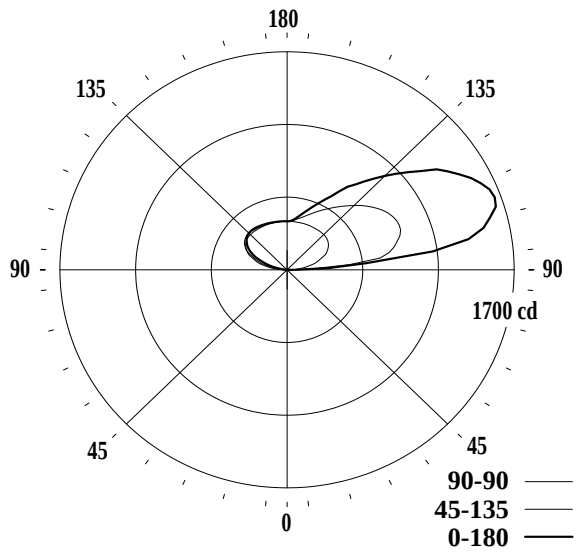
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L84030WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 3000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3097 lm 100.0%
Input Watts:	120 VAC 22.8	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 135.8
CIE-IES Classification:	Indirect	**Report:**	LNG00731

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	3	7
85	0	14	8	9	3	12
90	56	43	22	10	3	
95	595	470	99	26	13	241
105	1572	852	230	201	144	554
115	1600	906	328	321	283	614
125	1366	832	376	389	368	552
135	1036	710	388	404	404	433
145	791	590	386	396	403	312
155	579	496	383	388	392	205
165	455	423	380	383	385	115
175	385	381	379	380	380	37
180	378	378	378	378	378	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			55.5	90.0
Direct: Peak Candela & Angle (180deg)			3.4	72.5
Spacing Criteria (0deg, 90deg, 180deg)		0.51	2.56	1.12
Indirect: Peak Candela & Angle			1654.4	110.0
Indirect: Zenith Candela, Peak to Zenith			378.0	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	0.3764	0.3740	4092	0.0001
CRI (Ra), R9			83	13
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	1961	63.3%	63.3%
90-150	2706	87.4%	87.4%
90-180	3062	98.9%	98.9%
0-180	3097	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	19	13
35	0	30	14
45	0	44	16
55	0	71	27
65	0	117	47
75	0	219	83
85	0	676	181

LUMINAIRE SECTION

LEDALITE

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