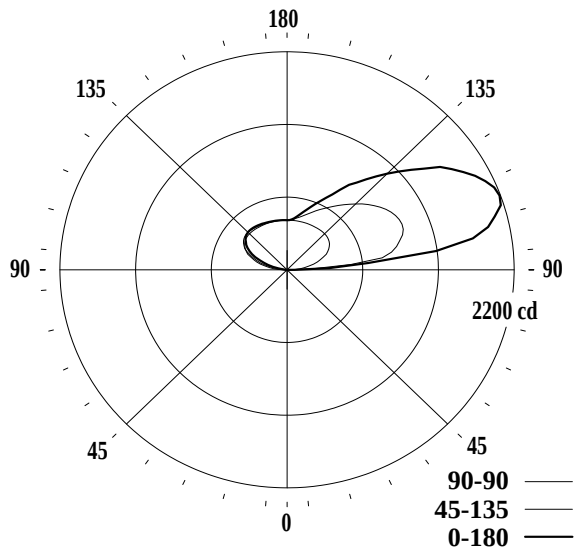
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L84040WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 4000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4103 lm 100.0%
Input Watts:	120 VAC 30.5	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 134.5
CIE-IES Classification:	Indirect	**Report:**	LNG00732

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	3	3	3	3	3	
5	3	3	3	3	3	0
15	2	2	3	3	3	1
25	1	3	3	3	2	1
35	0	4	4	4	2	2
45	0	5	5	5	2	3
55	0	7	7	6	3	5
65	0	9	9	8	4	8
75	0	12	10	10	5	10
85	0	18	11	11	5	16
90	74	57	29	14	4	
95	788	623	131	34	17	319
105	2083	1129	304	266	190	734
115	2119	1200	435	425	375	814
125	1810	1102	498	515	487	731
135	1372	940	514	535	536	574
145	1048	782	511	524	534	413
155	767	657	507	513	519	271
165	603	560	503	507	510	152
175	510	504	502	503	503	49
180	501	501	501	501	501	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			73.5	90.0
Direct: Peak Candela & Angle (180deg)			4.6	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.52	2.59	1.12
Indirect: Peak Candela & Angle			2191.6	110.0
Indirect: Zenith Candela, Peak to Zenith			500.7	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	0.3764	0.3740	4092	0.0001
CRI (Ra), R9			83	13
120V: P(W), I(A), THD(%), PF	30.5	0.270	8.2	0.994
277V: P(W), I(A), THD(%), PF	30.4	0.120	9.0	0.949
347V: P(W), I(A), THD(%), PF	31.1	0.100	7.7	0.960

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	4	0.1%	0.1%
0-60	13	0.3%	0.3%
0-90	46	1.1%	1.1%
90-130	2598	63.3%	63.3%
90-150	3584	87.4%	87.4%
90-180	4057	98.9%	98.9%
0-180	4103	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	23	23	23
5	23	22	25
15	13	24	20
25	7	26	17
35	0	39	19
45	0	58	22
55	0	93	36
65	0	155	62
75	0	289	113
85	0	893	245

LUMINAIRE SECTION

LEDALITE

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