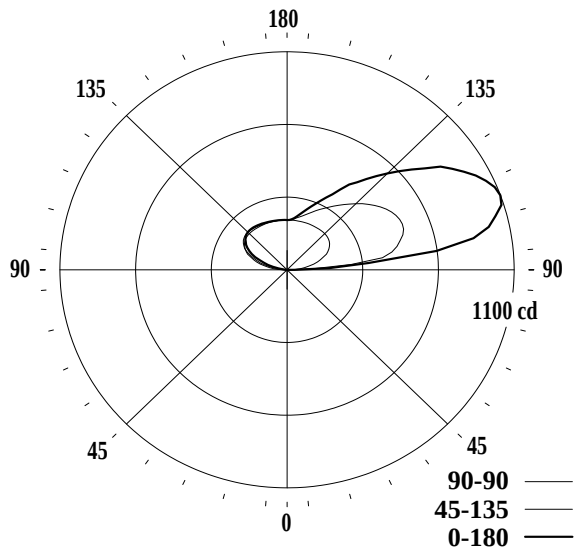
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L85020WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 2000LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2058 lm 100.0%
Input Watts:	277 VAC 14.9	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 138.1
CIE-IES Classification:	Indirect	**Report:**	LNG00745

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2	2	2	2	2	
5	2	1	2	2	2	0
15	1	1	2	1	1	0
25	1	1	2	1	1	1
35	0	2	2	2	1	1
45	0	3	3	2	1	2
55	0	3	4	3	2	3
65	0	5	4	4	2	4
75	0	6	5	5	2	5
85	0	9	5	6	2	8
90	37	28	15	7	2	
95	395	312	66	17	8	160
105	1045	566	153	133	96	368
115	1063	602	218	213	188	408
125	908	553	250	258	244	366
135	688	471	258	268	269	288
145	526	392	257	263	268	207
155	385	329	255	257	261	136
165	303	281	253	254	256	76
175	256	253	252	252	253	24
180	251	251	251	251	251	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			36.8	90.0
Direct: Peak Candela & Angle (180deg)			2.3	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.51	2.59	1.12
Indirect: Peak Candela & Angle			1099.3	110.0
Indirect: Zenith Candela, Peak to Zenith			251.2	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	14.7	0.130	10.8	0.989
277V: P(W), I(A), THD(%), PF	14.9	0.060	15.4	0.929
347V: P(W), I(A), THD(%), PF	15.5	0.050	11.8	0.956

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	2	0.1%	0.1%
0-60	6	0.3%	0.3%
0-90	23	1.1%	1.1%
90-130	1303	63.3%	63.3%
90-150	1798	87.4%	87.4%
90-180	2035	98.9%	98.9%
0-180	2058	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	12	12	12
5	12	12	12
15	6	12	9
25	4	14	9
35	0	20	9
45	0	29	10
55	0	47	19
65	0	77	31
75	0	146	56
85	0	450	123

LUMINAIRE SECTION

LEDALITE

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