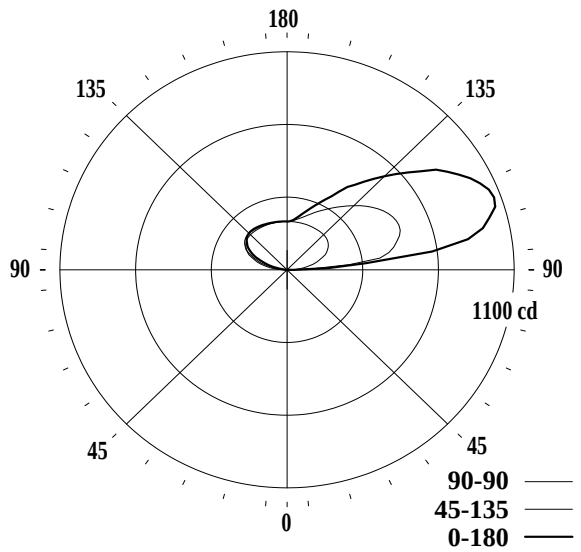
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83520WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 2000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1998 lm 100.0%
Input Watts:	277 VAC 14.9	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 134.1
CIE-IES Classification:	Indirect	**Report:**	LNG00713

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2	2	2	2	2	
5	2	1	1	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	2	3	2	1	2
55	0	3	3	3	1	3
65	0	4	4	4	2	4
75	0	6	5	5	2	5
85	0	9	5	6	2	8
90	36	28	14	7	2	
95	384	303	64	17	8	155
105	1014	550	148	129	93	358
115	1032	584	212	207	183	396
125	881	537	242	251	237	356
135	668	458	251	260	261	280
145	510	381	249	255	260	201
155	374	320	247	250	253	132
165	294	273	245	247	248	74
175	249	246	244	245	245	24
180	244	244	244	244	244	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			35.8	90.0
Direct: Peak Candela & Angle (180deg)			2.2	72.5
Spacing Criteria (0deg, 90deg, 180deg)		0.51	2.52	0.92
Indirect: Peak Candela & Angle			1067.3	110.0
Indirect: Zenith Candela, Peak to Zenith			243.8	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	0.4025	0.3887	3546	0.0003
CRI (Ra), R9			82	9
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	22	1.1%	1.1%
90-130	1265	63.3%	63.3%
90-150	1746	87.4%	87.4%
90-180	1976	98.9%	98.9%
0-180	1998	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	12	12	12
5	12	11	12
15	6	12	9
25	4	13	8
35	0	20	9
45	0	28	10
55	0	45	17
65	0	76	29
75	0	140	54
85	0	434	117

LUMINAIRE SECTION

LEDALITE

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