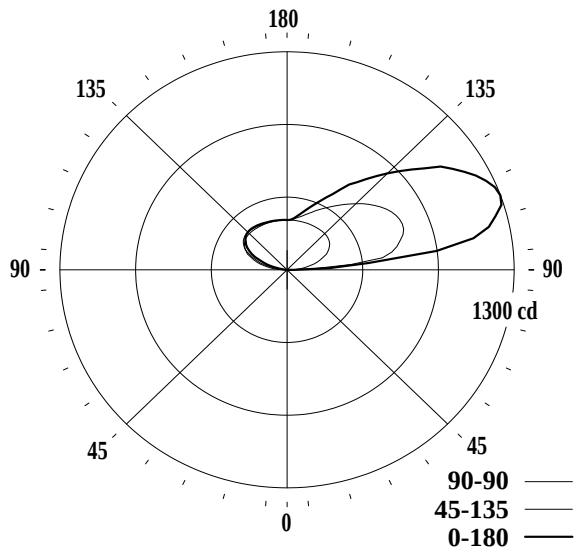
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83025WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 2500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2433 lm 100.0%
Input Watts:	120 VAC 18.2	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 133.7
CIE-IES Classification:	Indirect	**Report:**	LNG00698

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	5	5	5	2	4
75	0	7	6	6	3	6
85	0	11	6	7	3	10
90	44	34	17	8	3	
95	467	369	78	20	10	189
105	1235	670	180	158	113	435
115	1256	712	258	252	222	483
125	1073	654	295	305	289	433
135	813	557	305	317	318	340
145	621	464	303	311	317	245
155	455	389	301	304	308	161
165	358	332	299	301	302	90
175	303	299	298	298	299	29
180	297	297	297	297	297	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			43.6	90.0
Direct: Peak Candela & Angle (180deg)			2.7	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.54	2.56	1.11
Indirect: Peak Candela & Angle			1299.5	110.0
Indirect: Zenith Candela, Peak to Zenith			296.9	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	0.4261	0.3984	3144	0.0007
CRI (Ra), R9			83	9
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	27	1.1%	1.1%
90-130	1540	63.3%	63.3%
90-150	2125	87.4%	87.4%
90-180	2405	98.9%	98.9%
0-180	2433	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	14	14	14
5	14	13	15
15	8	14	12
25	5	15	11
35	0	23	11
45	0	35	12
55	0	55	21
65	0	92	36
75	0	172	66
85	0	534	144

LUMINAIRE SECTION

LEDALITE

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