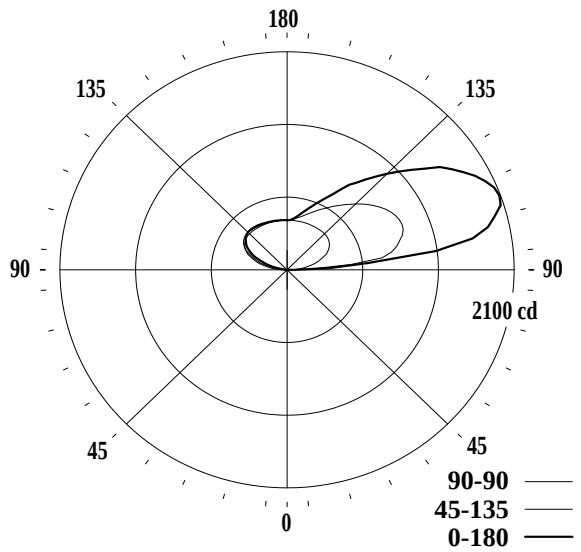
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83040WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 4000LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3914 lm 100.0%
Input Watts:	120 VAC 30.5	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 128.3
CIE-IES Classification:	Indirect	**Report:**	LNG00700

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	2	1
25	1	2	3	3	2	1
35	0	3	4	3	2	2
45	0	5	5	4	2	3
55	0	7	7	6	3	5
65	0	9	8	8	4	7
75	0	12	9	10	4	9
85	0	17	10	11	4	15
90	70	54	28	13	4	
95	752	594	125	33	16	304
105	1987	1077	290	254	182	700
115	2021	1145	415	406	358	776
125	1726	1051	475	491	465	697
135	1309	897	491	510	511	548
145	1000	746	488	500	509	394
155	732	626	484	490	496	259
165	575	534	480	484	486	145
175	487	481	479	480	480	46
180	478	478	478	478	478	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			70.1	90.0
Direct: Peak Candela & Angle (180deg)			4.3	72.5
Spacing Criteria (0deg, 90deg, 180deg)		0.53	2.56	1.11
Indirect: Peak Candela & Angle			2090.6	110.0
Indirect: Zenith Candela, Peak to Zenith			477.6	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	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	12	0.3%	0.3%
0-90	44	1.1%	1.1%
90-130	2478	63.3%	63.3%
90-150	3419	87.4%	87.4%
90-180	3870	98.9%	98.9%
0-180	3914	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	22	22	22
5	22	22	23
15	13	23	19
25	7	25	17
35	0	37	18
45	0	56	21
55	0	88	35
65	0	148	58
75	0	274	105
85	0	851	229

LUMINAIRE SECTION

LEDALITE

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