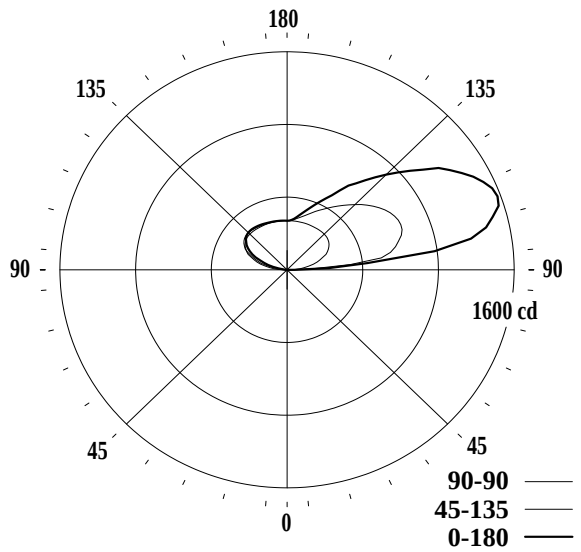
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83030WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 3000LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2954 lm 100.0%
Input Watts:	120 VAC 22.8	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 129.6
CIE-IES Classification:	Indirect	**Report:**	LNG00699

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2	2	2	2	2	
5	2	2	2	2	2	0
15	1	2	2	2	2	1
25	1	2	2	2	2	1
35	0	3	3	3	2	2
45	0	4	4	3	2	2
55	0	5	5	5	2	4
65	0	7	6	6	3	5
75	0	9	7	7	3	7
85	0	13	8	8	3	12
90	53	41	21	10	3	
95	568	449	94	25	12	230
105	1500	813	219	191	137	529
115	1526	864	313	306	270	586
125	1303	794	358	371	351	526
135	988	677	371	385	386	413
145	755	563	368	378	384	297
155	553	473	365	370	374	195
165	434	403	363	365	367	110
175	368	363	361	362	363	35
180	361	361	361	361	361	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			52.9	90.0
Direct: Peak Candela & Angle (180deg)			3.3	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.53	2.57	1.11
Indirect: Peak Candela & Angle			1578.2	110.0
Indirect: Zenith Candela, Peak to Zenith			360.6	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	22.8	0.200	11.3	0.990
277V: P(W), I(A), THD(%), PF	22.7	0.090	11.1	0.922
347V: P(W), I(A), THD(%), PF	23.1	0.080	9.7	0.936

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	3	0.1%	0.1%
0-60	9	0.3%	0.3%
0-90	33	1.1%	1.1%
90-130	1871	63.3%	63.3%
90-150	2581	87.4%	87.4%
90-180	2921	98.9%	98.9%
0-180	2954	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	17	17	17
5	17	16	18
15	9	17	14
25	6	19	12
35	0	28	14
45	0	42	15
55	0	67	26
65	0	112	44
75	0	207	81
85	0	642	176

LUMINAIRE SECTION

LEDALITE

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