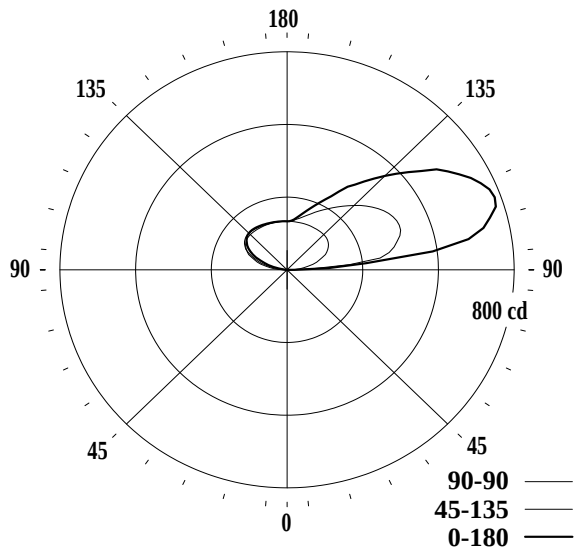
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83015WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 1500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1457 lm 100.0%
Input Watts:	277 VAC 11.6	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 125.6
CIE-IES Classification:	Indirect	**Report:**	LNG00696

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1	1	1	1	1	
5	1	1	1	1	1	0
15	1	1	1	1	1	0
25	0	1	1	1	1	0
35	0	1	2	1	1	1
45	0	2	2	2	1	1
55	0	2	3	2	1	2
65	0	3	3	3	1	3
75	0	4	4	4	2	4
85	0	6	4	4	2	6
90	26	20	10	5	2	
95	280	221	46	12	6	113
105	740	401	108	94	68	261
115	753	426	155	151	133	289
125	643	392	177	183	173	260
135	487	334	183	190	190	204
145	372	278	182	186	190	147
155	273	233	180	182	185	96
165	214	199	179	180	181	54
175	181	179	178	179	179	17
180	178	178	178	178	178	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			26.1	90.0
Direct: Peak Candela & Angle (180deg)			1.6	72.5
Spacing Criteria (0deg, 90deg, 180deg)		0.53	2.56	1.12
Indirect: Peak Candela & Angle			778.6	110.0
Indirect: Zenith Candela, Peak to Zenith			177.9	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	11.3	0.100	13.8	0.984
277V: P(W), I(A), THD(%), PF	11.6	0.050	18.3	0.896
347V: P(W), I(A), THD(%), PF	12.1	0.040	13.3	0.942

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	5	0.3%	0.3%
0-90	16	1.1%	1.1%
90-130	923	63.3%	63.3%
90-150	1273	87.4%	87.4%
90-180	1441	98.9%	98.9%
0-180	1457	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	8	8	8
5	8	8	8
15	5	9	7
25	2	9	7
35	0	14	6
45	0	21	7
55	0	33	12
65	0	56	21
75	0	102	39
85	0	317	85

LUMINAIRE SECTION

LEDALITE

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