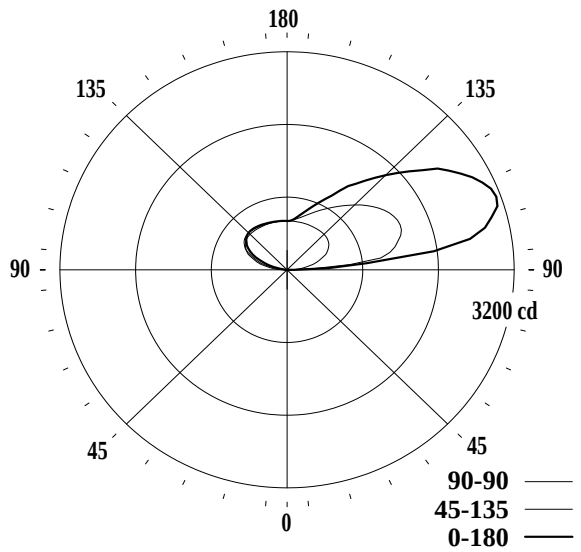
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L83060WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 6000LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5876 lm 100.0%
Input Watts:	120 VAC 48.7	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 120.7
CIE-IES Classification:	Indirect	**Report:**	LNG00702

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	4	4	4	4	4	
5	4	4	4	4	5	0
15	2	3	4	4	4	1
25	1	4	4	4	3	2
35	0	5	6	5	3	3
45	0	7	8	7	3	5
55	0	10	10	9	4	8
65	0	13	12	12	5	11
75	0	18	14	15	7	14
85	0	26	15	16	7	23
90	105	81	42	19	6	
95	1129	892	187	49	24	457
105	2983	1617	436	381	273	1052
115	3035	1719	623	609	537	1166
125	2592	1578	713	737	697	1046
135	1965	1346	737	766	767	822
145	1501	1120	732	751	764	591
155	1099	940	727	735	744	389
165	864	802	721	726	730	218
175	731	722	719	720	721	70
180	717	717	717	717	717	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			105.2	90.0
Direct: Peak Candela & Angle (180deg)			6.5	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.52	2.60	1.13
Indirect: Peak Candela & Angle			3138.7	110.0
Indirect: Zenith Candela, Peak to Zenith			717.1	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	48.7	0.430	6.4	0.997
277V: P(W), I(A), THD(%), PF	48.5	0.190	8.8	0.958
347V: P(W), I(A), THD(%), PF	48.1	0.150	6.2	0.979

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	3	0.1%	0.1%
0-40	6	0.1%	0.1%
0-60	18	0.3%	0.3%
0-90	66	1.1%	1.1%
90-130	3720	63.3%	63.3%
90-150	5134	87.4%	87.4%
90-180	5810	98.9%	98.9%
0-180	5876	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	33	33	33
5	33	32	35
15	18	34	28
25	12	37	26
35	0	56	27
45	0	84	31
55	0	133	52
65	0	221	87
75	0	414	159
85	0	1285	347

LUMINAIRE SECTION

LEDALITE

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