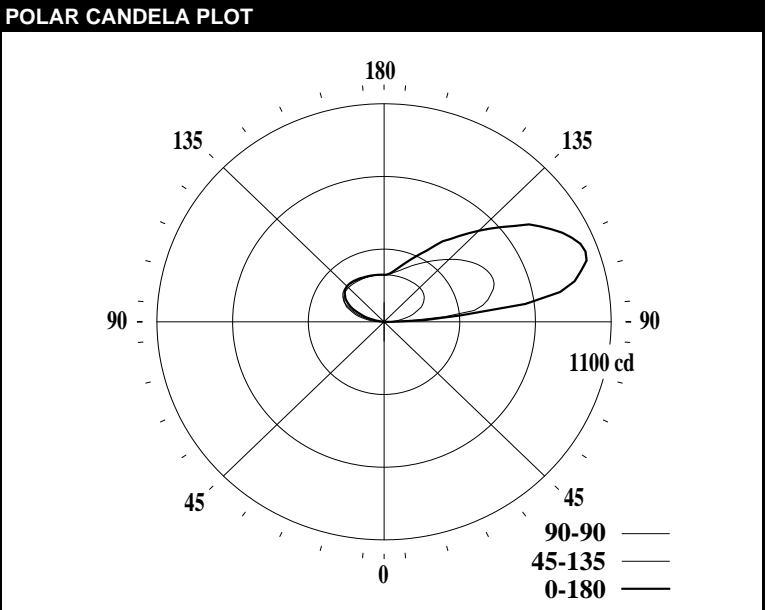


LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	CATALOG NO:	TC08L83020WN04xDE
Lamp Type:	LED	Description:	TRUGROOVE COVE FOCUS 2000LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1944 lm 100.0%
Input Watts: 277 VAC 14.9		Up/Dn Ratio, Efficacy (lm/W):	99% Up / 1% Dn 130.5
CIE-IES Classification:	Indirect	Report:	LNG00697

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	1	1	1	1	1	
5	1	1	1	2	2	0
15	1	1	1	1	1	0
25	0	1	2	1	1	1
35	0	2	2	2	1	1
45	0	2	3	2	1	2
55	0	3	3	3	1	3
65	0	4	4	4	2	4
75	0	6	5	5	2	5
85	0	9	5	5	2	8
90	35	27	14	6	2	
95	374	295	62	16	8	151
105	987	535	144	126	90	348
115	1004	569	206	202	178	386
125	858	522	236	244	231	346
135	650	445	244	253	254	272
145	497	371	242	248	253	196
155	364	311	240	243	246	129
165	286	265	239	240	241	72
175	242	239	238	238	239	23
180	237	237	237	237	237	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	34.8	90.0	
Direct: Peak Candela & Angle (180deg)	2.2	75.0	
Spacing Criteria (0deg, 90deg, 180deg)	0.55	2.60	1.17
Indirect: Peak Candela & Angle	1038.4	110.0	
Indirect: Zenith Candela, Peak to Zenith	237.3	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	14.7	0.130	10.8 0.989
277V: P(W), I(A), THD(%), PF	14.9	0.060	15.4 0.929
347V: P(W), I(A), THD(%), PF	15.5	0.050	11.8 0.956

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	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	6	0.3%	0.3%
0-90	22	1.1%	1.1%
90-130	1231	63.3%	63.3%
90-150	1698	87.4%	87.4%
90-180	1922	98.9%	98.9%
0-180	1944	100.0%	100.0%

LUMINAIRE SECTION			
	0	90	180
0	11	11	11
5	11	11	12
15	6	11	9
25	3	13	8
35	0	19	9
45	0	28	10
55	0	44	17
65	0	74	29
75	0	137	54
85	0	425	117

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	11	11	11
5	11	11	12
15	6	11	9
25	3	13	8
35	0	19	9
45	0	28	10
55	0	44	17
65	0	74	29
75	0	137	54
85	0	425	117



LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003