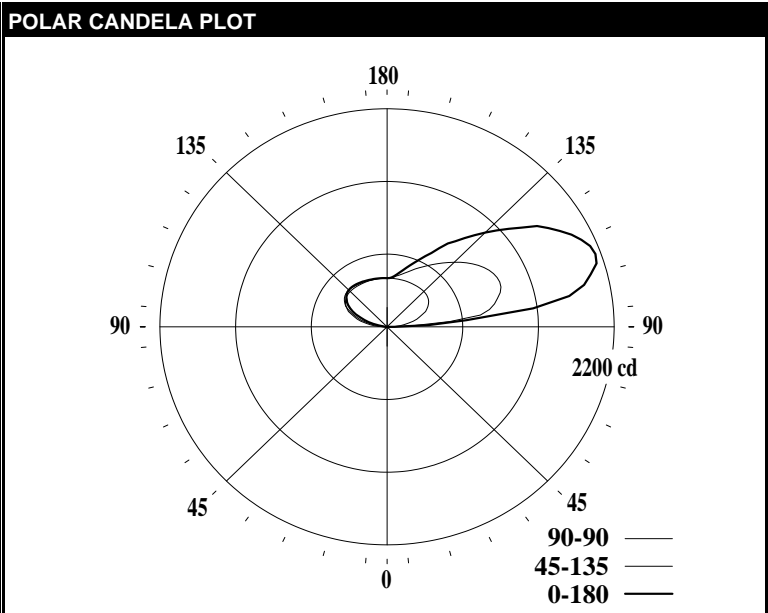


LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	CATALOG NO:	TC08L83540WN04xDE
Lamp Type:	LED	Description:	TRUGROOVE COVE FOCUS 4000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4022 lm 100.0%
Input Watts:	120 VAC 30.5	Up/Dn Ratio, Efficacy (lm/W):	99% Up / 1% Dn 131.9
CIE-IES Classification:	Indirect	Report:	LNG00716

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	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	4	4	4	2	2
45	0	5	5	5	2	3
55	0	7	7	6	3	5
65	0	9	8	8	4	7
75	0	12	10	10	5	10
85	0	18	11	11	5	16
90	72	56	28	13	4	
95	773	611	128	33	16	313
105	2042	1107	298	261	187	720
115	2077	1177	426	417	367	798
125	1774	1081	488	505	477	716
135	1345	921	504	524	525	563
145	1027	767	501	514	523	405
155	752	644	497	503	509	266
165	591	549	494	497	500	149
175	500	494	492	493	494	48
180	491	491	491	491	491	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	72.0	90.0	
Direct: Peak Candela & Angle (180deg)	4.5	75.0	
Spacing Criteria (0deg, 90deg, 180deg)	0.53	2.63	1.14
Indirect: Peak Candela & Angle	2148.6	110.0	
Indirect: Zenith Candela, Peak to Zenith	490.9	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	0.4025	0.3887	3546 0.0003
CRI (Ra), R9	82	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	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

LEDALITE

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

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	2	0.1%	0.1%
0-40	4	0.1%	0.1%
0-60	13	0.3%	0.3%
0-90	45	1.1%	1.1%
90-130	2547	63.3%	63.3%
90-150	3514	87.4%	87.4%
90-180	3977	98.9%	98.9%
0-180	4022	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	22	22	22
5	22	22	24
15	13	23	19
25	7	25	17
35	0	38	18
45	0	57	21
55	0	90	36
65	0	151	60
75	0	283	110
85	0	876	240

