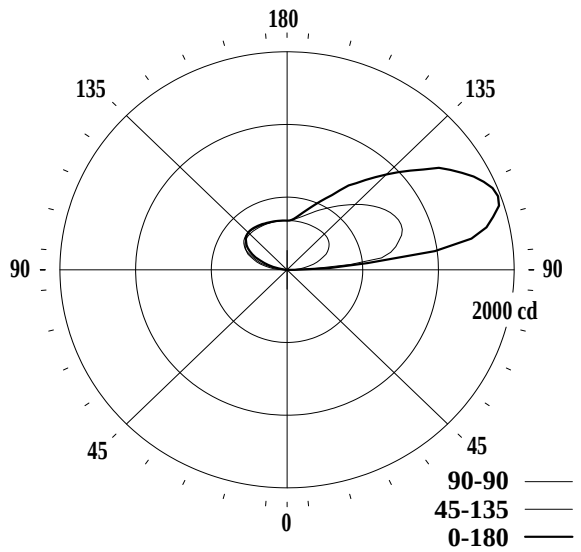
LEDALITE - TRUGROOVE COVE

TEST DATE:	26 Nov 2019	**CATALOG NO:**	**TC08L82740WN04xDE**
Lamp Type:	LED	**Description:**	TRUGROOVE COVE FOCUS 4000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3700 lm 100.0%
Input Watts:	120 VAC 30.5	**Up/Dn Ratio, Efficacy (lm/W):**	99% Up / 1% Dn 121.3
CIE-IES Classification:	Indirect	**Report:**	LNG00684

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	3	3	3	3	3	
5	3	2	3	3	3	0
15	2	2	3	3	2	1
25	1	2	3	2	2	1
35	0	3	4	3	2	2
45	0	4	5	4	2	3
55	0	6	6	6	3	5
65	0	8	8	8	3	7
75	0	11	9	9	4	9
85	0	16	10	10	4	14
90	66	51	26	12	4	
95	711	562	118	31	15	288
105	1879	1018	274	240	172	662
115	1911	1083	392	384	338	734
125	1632	994	449	464	439	659
135	1237	848	464	482	483	518
145	945	705	461	473	481	372
155	692	592	458	463	469	245
165	544	505	454	457	460	137
175	460	455	453	454	454	44
180	452	452	452	452	452	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			66.3	90.0
Direct: Peak Candela & Angle (180deg)			4.1	75.0
Spacing Criteria (0deg, 90deg, 180deg)		0.54	2.61	1.13
Indirect: Peak Candela & Angle			1976.7	110.0
Indirect: Zenith Candela, Peak to Zenith			451.6	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	0.4500	0.4041	2792	0.0015
CRI (Ra), R9			82	7
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
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	4	0.1%	0.1%
0-60	12	0.3%	0.3%
0-90	42	1.1%	1.1%
90-130	2343	63.3%	63.3%
90-150	3233	87.4%	87.4%
90-180	3659	98.9%	98.9%
0-180	3700	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	21	21	21
5	21	20	22
15	12	21	17
25	7	24	16
35	0	36	17
45	0	53	20
55	0	84	32
65	0	139	55
75	0	259	100
85	0	809	219

LUMINAIRE SECTION

LEDALITE

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