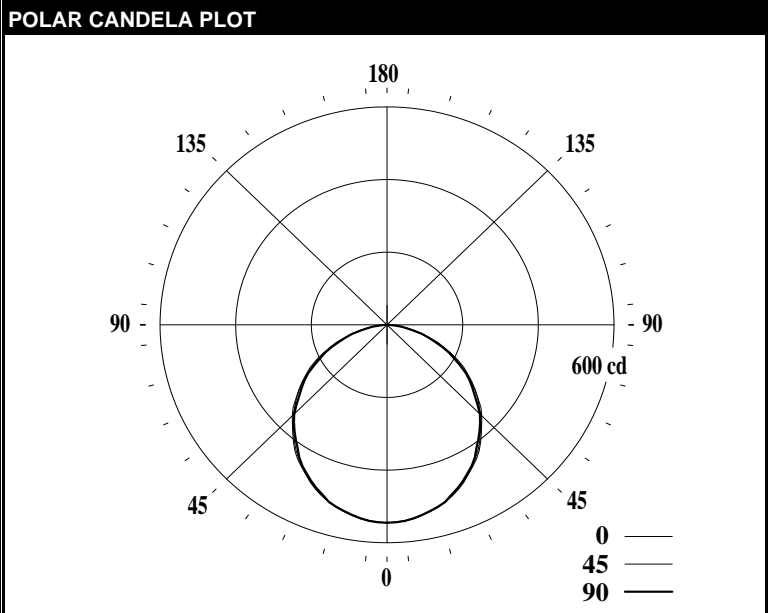


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x1LCKLN
Lamp Type:	LED	Description:	TRUGROOVE SUSPEND/SURFACE DIRECT SYM SILK LED STD 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1510 lm 100.0%
Input Watts:	277 VAC 14.0	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 107.9
CIE-IES Classification:	Direct	Report (Ele, Col, Photo):	TGSEI-01 T20190608 S07565-1

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	545	545	545	545	545	
5	541	543	542	543	542	52
15	520	522	519	520	519	147
25	479	482	477	477	475	221
35	424	426	420	421	413	263
45	354	358	350	351	347	271
55	274	278	270	273	267	244
65	188	189	181	186	181	184
75	94	105	93	98	95	103
85	20	24	19	23	21	26
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	544.9	0.0	
Direct: Peak Candela & Angle (90deg)	544.9	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	
Luminous Length, Width, Height (ft)	4.00	0.25	0.00
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	0.921	
DLC (120/277), DLC (347)	N/A	N/A	
x, y, CCT, Duv	0.4309	0.4003	3073 -0.0007
CRI (Ra), R9	83		10
120V: P(W), I(A), THD(%), PF	13.7	0.116	11.8 0.990
277V: P(W), I(A), THD(%), PF	14.0	0.054	16.1 0.930
347V: P(W), I(A), THD(%), PF	14.0	0.043	12.1 0.946

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	119	119	119	119	116	116	116	111	111	111	100	
1	109	104	100	96	106	102	98	98	94	91	84		
2	99	91	84	78	96	89	83	85	80	75	70		
3	90	80	71	65	88	78	70	75	69	63	59		
4	83	71	62	55	80	69	61	67	60	54	50		
5	76	63	54	47	74	62	53	60	52	47	43		
6	70	57	48	41	68	56	47	54	46	41	38		
7	65	51	43	37	63	51	42	49	42	36	34		
8	61	47	38	33	59	46	38	45	38	32	30		
9	57	43	35	29	55	43	35	41	34	29	27		
10	53	40	32	27	52	39	32	38	31	26	24		

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	419	27.7%	27.7%
0-40	682	45.2%	45.2%
0-60	1197	79.3%	79.3%
0-90	1510	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	1510	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5863	5863	5863
5	5843	5853	5854
15	5794	5785	5777
25	5688	5664	5635
35	5573	5518	5419
45	5389	5330	5283
55	5142	5065	4999
65	4775	4615	4601
75	3925	3868	3952
85	2434	2354	2559

LUMINAIRE SECTION	



LEDALITE

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