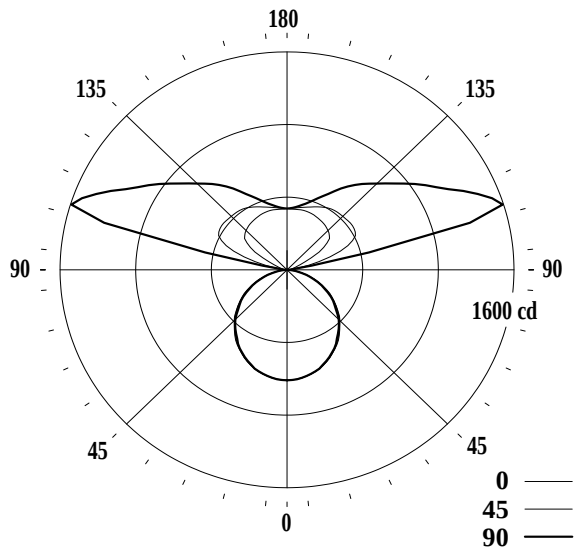
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x5LSBLQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM SILK LED STD/HI 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5129 lm 100.0%
Input Watts:	277 VAC 47.7	**Up/Dn Ratio, Efficacy (lm/W):**	56% Up / 44% Dn 107.5
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	TGSEI-27 F38890Color MLNG133

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	811	811	811	811	811	
5	805	807	806	808	806	77
15	774	777	773	774	772	218
25	713	717	710	710	706	328
35	631	634	625	627	614	392
45	527	532	521	523	517	404
55	408	414	402	407	397	363
65	279	282	270	276	269	273
75	141	155	138	145	141	153
85	29	36	28	34	31	39
90	0	0	0	0	0	
95	14	14	20	22	25	29
105	48	57	232	776	1335	410
115	140	172	510	1049	1371	616
125	344	380	564	919	1099	577
135	408	436	556	794	896	473
145	430	457	545	692	748	358
155	445	462	510	579	597	241
165	452	457	476	497	502	136
175	447	451	455	458	457	44
180	450	450	450	450	450	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			810.8	0.0
Direct: Peak Candela & Angle (90deg)			810.8	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.22	N/A
Indirect: Peak Candela & Angle			1594.1	107.5
Indirect: Zenith Candela, Peak to Zenith			449.8	3.54
Luminous Length, Width, Height (ft)		0.25	4.00	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.4035	0.3887	3523	0.0005
CRI (Ra), R9			94	71
120V: P(W), I(A), THD(%), PF	47.3	0.397	10.7	0.992
277V: P(W), I(A), THD(%), PF	47.7	0.182	13.3	0.945
347V: P(W), I(A), THD(%), PF	47.0	0.142	9.2	0.957

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	106	106	106	106	97	97	97	80	80	80	44
1	96	92	88	85	88	84	81	70	68	65	37
2	88	80	74	69	80	74	68	61	57	54	31
3	80	70	63	57	73	65	58	54	49	45	26
4	73	62	54	48	66	57	50	48	42	38	22
5	67	55	47	41	61	51	44	43	37	33	19
6	62	49	41	36	56	46	38	38	33	29	17
7	57	45	37	31	52	41	34	35	29	25	15
8	53	40	33	27	48	37	30	31	26	22	13
9	49	37	29	24	45	34	27	29	24	20	12
10	46	34	27	22	42	31	25	27	21	18	11

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	623	12.1%	12.1%
0-40	1015	19.8%	19.8%
0-60	1781	34.7%	34.7%
0-90	2246	43.8%	43.8%
90-130	1631	31.8%	31.8%
90-150	2462	48.0%	48.0%
90-180	2883	56.2%	56.2%
0-180	5129	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	8724	8724	8724
5	8694	8709	8710
15	8622	8608	8595
25	8463	8427	8384
35	8292	8211	8064
45	8019	7931	7861
55	7652	7536	7438
65	7103	6867	6846
75	5841	5754	5878
85	3617	3506	3802

LUMINAIRE SECTION

LEDALITE

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