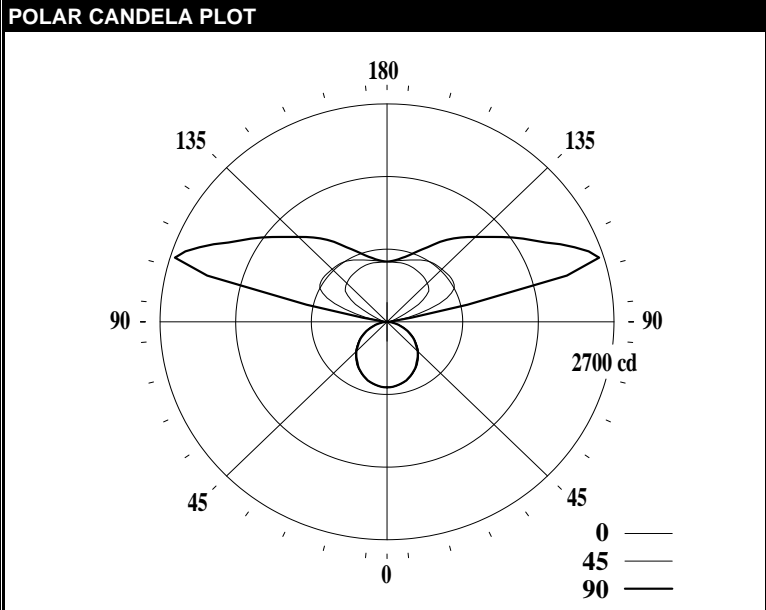


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x5LAALQ
Lamp Type:	LED	Description:	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM SILK LED HI/XHI 840
No. of Lamps:	176	Flux (lm), Efficiency (%):	7033 lm 100.0%
Rated Lamp Lumens:	-1	Up/Dn Ratio, Efficacy (lm/W):	68% Up / 32% Dn 135.0
Input Watts:	120 VAC 52.1	Report (Ele, Col, Photo):	TGSEI-24 T20190611 MLNG130
CIE-IES Classification:	Semi-Indirect		


CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	812	812	812	812	812	
5	806	808	807	809	808	77
15	775	778	774	775	773	219
25	714	718	711	711	707	329
35	632	634	626	627	615	393
45	528	533	522	523	517	404
55	408	414	402	407	397	363
65	279	282	270	277	269	274
75	141	156	139	145	142	153
85	29	36	28	34	31	39
90	0	0	0	0	0	
95	23	24	33	36	42	48
105	79	95	386	1288	2215	680
115	233	286	846	1740	2275	1023
125	571	631	935	1525	1823	957
135	678	724	923	1318	1487	785
145	714	759	905	1149	1241	595
155	739	767	846	961	991	400
165	750	759	790	825	834	226
175	742	748	754	760	759	72
180	746	746	746	746	746	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	811.9	0.0	
Direct: Peak Candela & Angle (90deg)	811.9	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	2645.5	107.5	
Indirect: Zenith Candela, Peak to Zenith	746.4	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	0.3772	0.3752	4078 0.0002
CRI (Ra), R9	81 6		
120V: P(W), I(A), THD(%), PF	52.1	0.436	7.9 0.995
277V: P(W), I(A), THD(%), PF	52.1	0.195	12.6 0.964
347V: P(W), I(A), THD(%), PF	51.4	0.152	8.3 0.974

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	103	103	103	103	93	93	93	73	73	73	32	
	1	94	89	86	82	84	81	77	64	62	60	27	
	2	85	78	72	67	76	70	65	56	52	49	22	
	3	78	68	61	56	70	62	56	49	45	41	19	
	4	71	60	53	47	63	55	48	44	39	35	16	
	5	65	54	46	40	58	49	42	39	34	30	14	
	6	60	48	40	34	54	43	37	35	30	26	12	
	7	55	43	35	30	49	39	32	32	27	23	11	
	8	51	39	31	26	46	35	29	29	24	20	10	
	9	47	35	28	23	43	32	26	26	21	18	9	
	10	44	32	25	21	40	30	23	24	19	16	8	

*Based on a floor reflectance of 0.2



LEDALITE

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

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	624	8.9%	8.9%
0-40	1016	14.5%	14.5%
0-60	1784	25.4%	25.4%
0-90	2249	32.0%	32.0%
90-130	2707	38.5%	38.5%
90-150	4086	58.1%	58.1%
90-180	4784	68.0%	68.0%
0-180	7033	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	8736	8736	8736
5	8706	8720	8722
15	8633	8619	8606
25	8473	8438	8396
35	8303	8222	8074
45	8030	7942	7870
55	7661	7545	7448
65	7114	6877	6856
75	5849	5762	5887
85	3630	3506	3815

LUMINAIRE SECTION	