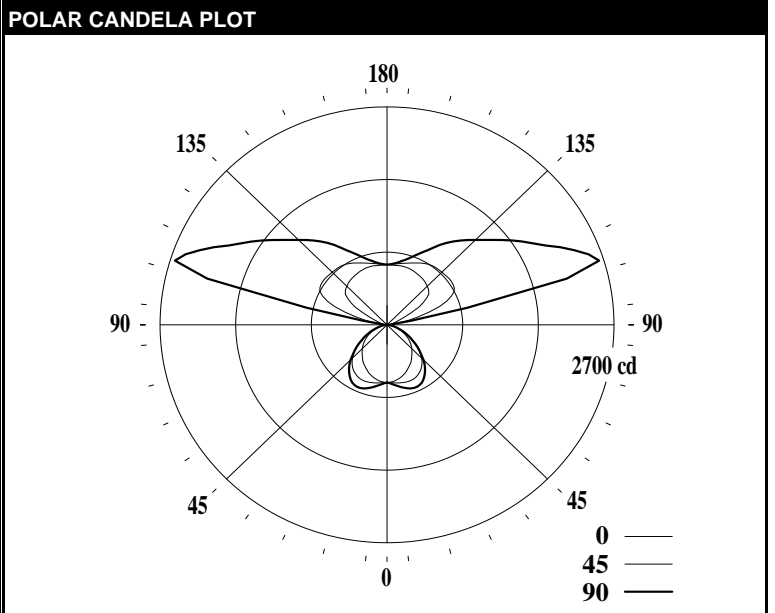


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x5LAAQQ
Lamp Type:	LED	Description:	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM MESO LED HI/XHI 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	6964 lm 100.0%
Input Watts:	120 VAC 52.1	Up/Dn Ratio, Efficacy (lm/W):	69% Up / 31% Dn 133.7
CIE-IES Classification:	Semi-Indirect	Report (Ele, Col, Photo):	TGSEI-24 T20190611 MLNG114

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	715	715	715	715	715	
5	707	712	721	727	738	69
15	666	690	740	785	809	209
25	593	644	743	822	846	337
35	508	571	693	771	775	418
45	415	477	581	625	612	422
55	314	359	420	434	410	351
65	199	226	244	254	235	234
75	94	105	107	111	102	113
85	21	23	20	24	18	26
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	



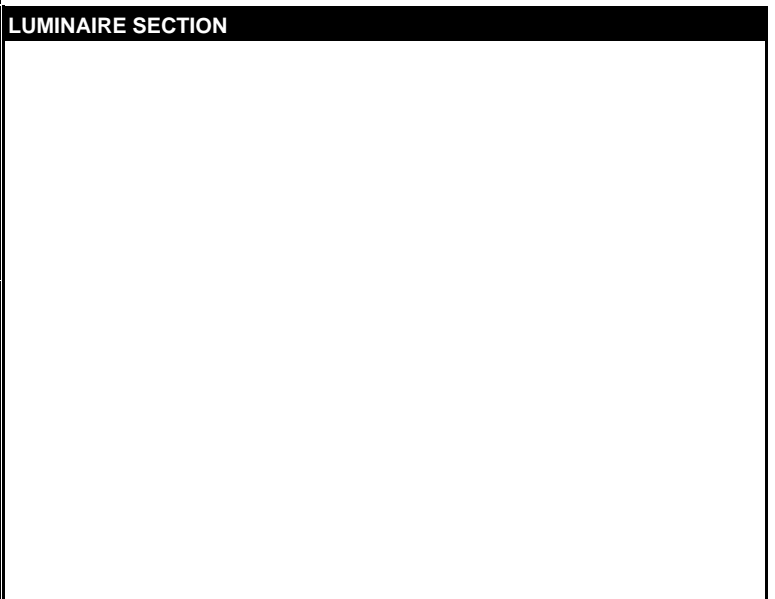
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	714.9	0.0	
Direct: Peak Candela & Angle (90deg)	845.9	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	2645.5	107.5	
Indirect: Zenith Candela, Peak 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	92	92	92	73	73	73	31	
	1	94	90	86	83	84	81	78	64	62	60	27	
	2	85	78	72	67	77	71	66	56	53	50	22	
	3	78	69	62	56	70	62	56	49	45	42	19	
	4	71	61	53	47	64	55	48	44	39	35	16	
	5	65	54	46	40	58	49	42	39	34	30	14	
	6	60	48	40	35	54	44	37	35	30	26	12	
	7	55	43	36	30	50	39	33	32	27	23	11	
	8	51	39	32	27	46	36	29	29	24	20	10	
	9	47	36	28	23	43	32	26	26	21	18	9	
	10	44	33	26	21	40	30	23	24	19	16	8	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	616	8.8%	8.8%
0-40	1033	14.8%	14.8%
0-60	1807	25.9%	25.9%
0-90	2180	31.3%	31.3%
90-130	2707	38.9%	38.9%
90-150	4086	58.7%	58.7%
90-180	4784	68.7%	68.7%
0-180	6964	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	7692	7692	7692
5	7639	7787	7967
15	7414	8241	9009
25	7039	8818	10042
35	6677	9103	10173
45	6318	8843	9310
55	5898	7873	7686
65	5069	6212	5988
75	3908	4432	4232
85	2556	2457	2235



LEDALITE

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