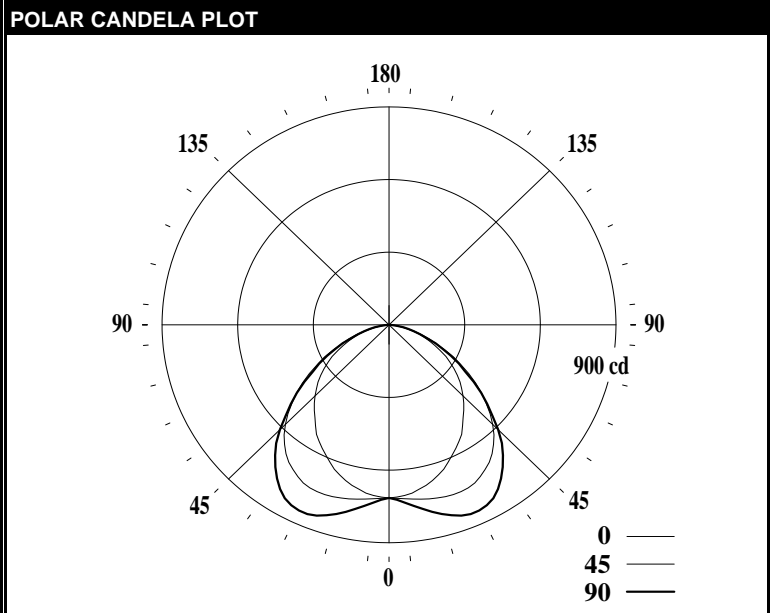


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x1LAGQN
Lamp Type:	LED	Description:	TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED MID 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2180 lm 100.0%
Input Watts:	120 VAC 19.4	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 112.4
CIE-IES Classification:	Direct	Report (Ele, Col, Photo):	TGSEI-02 T20190611 S07571-6

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	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	



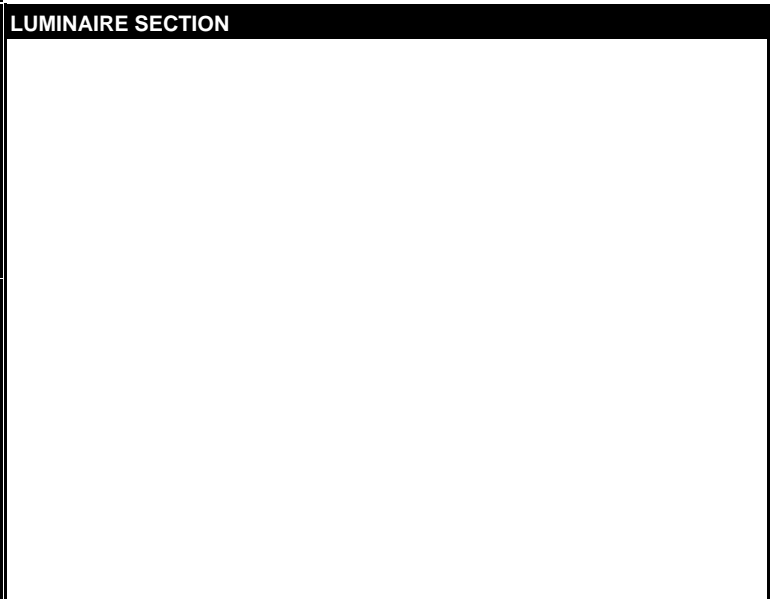
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	715.0	0.0	
Direct: Peak Candela & Angle (90deg)	846.0	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	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	1.577	
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	19.4	0.163	8.3 0.992
277V: P(W), I(A), THD(%), PF	19.1	0.072	12.5 0.962
347V: P(W), I(A), THD(%), PF	19.7	0.059	10.3 0.967

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	105	101	97	107	103	99	98	95	93	85	
	2	100	92	85	80	97	90	84	87	82	77	72	
	3	91	81	73	67	89	79	72	77	70	65	61	
	4	84	72	63	57	81	71	63	68	61	56	52	
	5	77	64	56	49	75	63	55	61	54	48	45	
	6	71	58	49	43	69	57	49	55	48	42	39	
	7	66	52	44	38	64	52	43	50	43	37	35	
	8	61	48	39	34	60	47	39	46	39	33	31	
	9	57	44	36	30	56	43	35	42	35	30	28	
	10	54	40	33	27	52	40	32	39	32	27	25	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	616	28.2%	28.2%
0-40	1034	47.4%	47.4%
0-60	1807	82.9%	82.9%
0-90	2180	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	2180	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	7693	7693	7693
5	7639	7787	7968
15	7415	8242	9010
25	7040	8818	10042
35	6677	9104	10175
45	6319	8843	9311
55	5897	7873	7687
65	5070	6214	5989
75	3906	4431	4234
85	2550	2452	2238



LEDALITE

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