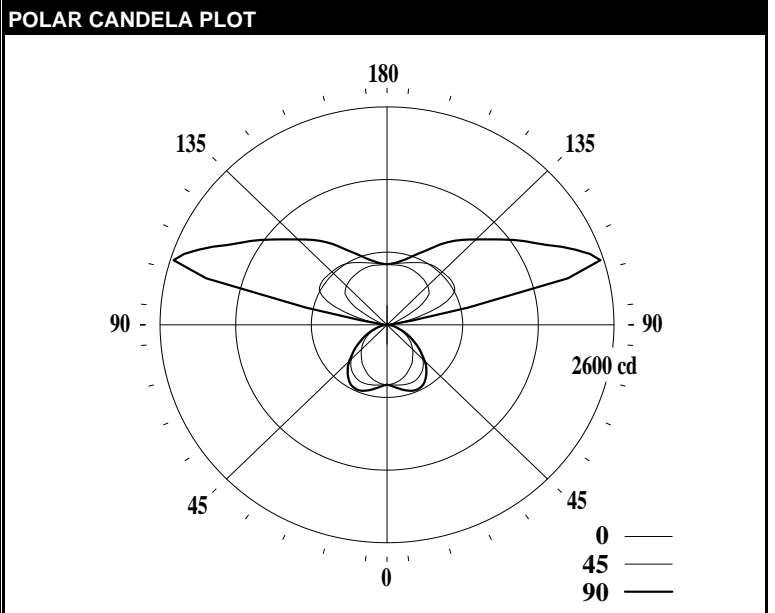


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LSAQQ
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM MESO LED HI/XHI 935
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	6813 lm 100.0%
<b>Input Watts:</b>	120 VAC 63.4	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	68% Up / 32% Dn 107.5
<b>CIE-IES Classification:</b>	Semi-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-28 F38890Color MLNG118

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	714	714	714	714	714	
5	706	711	720	726	737	69
15	665	689	739	784	808	209
25	592	644	742	821	845	337
35	508	571	692	770	774	417
45	415	477	580	624	611	422
55	314	358	419	433	409	351
65	199	225	244	254	235	233
75	94	105	106	111	102	113
85	21	23	20	24	18	26
90	0	0	0	0	0	
95	23	23	32	35	41	46
105	77	92	374	1248	2146	659
115	226	277	820	1686	2204	991
125	554	611	906	1478	1767	927
135	657	701	894	1277	1441	761
145	692	735	877	1113	1202	576
155	716	743	820	931	960	387
165	727	736	765	800	808	219
175	719	725	731	737	735	70
180	723	723	723	723	723	



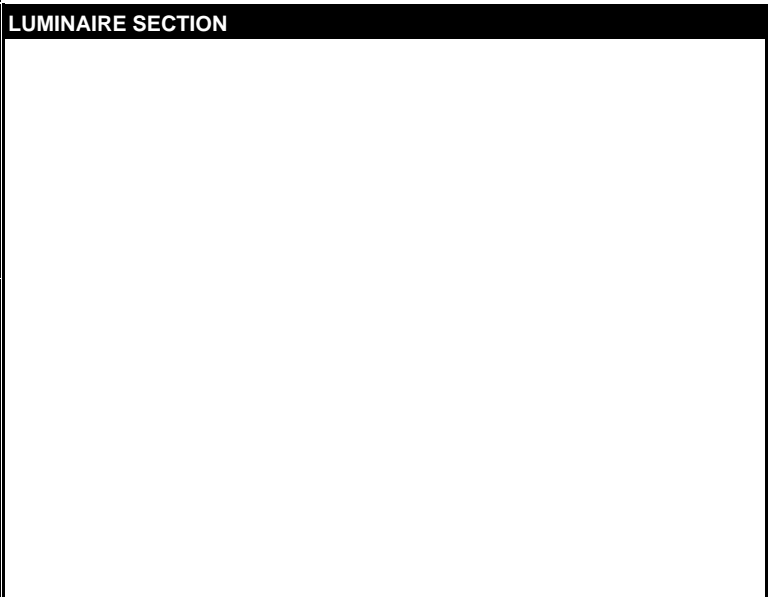
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	714.0	0.0	
Direct: Peak Candela & Angle (90deg)	844.8	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	2563.5	107.5	
Indirect: Zenith Candela, Peak to Zenith	723.3	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	63.4	0.530	7.0 0.996
277V: P(W), I(A), THD(%), PF	63.0	0.235	9.8 0.966
347V: P(W), I(A), THD(%), PF	62.6	0.185	7.0 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	90	86	83	84	81	78	64	62	60	27	
	2	86	78	72	68	77	71	66	56	53	50	23	
	3	78	69	62	56	70	62	56	50	45	42	19	
	4	71	61	53	47	64	55	48	44	39	36	17	
	5	65	54	46	40	58	49	42	39	34	31	14	
	6	60	48	40	35	54	44	37	35	30	27	13	
	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	48	36	28	24	43	33	26	26	22	18	9	
	10	44	33	26	21	40	30	24	24	19	16	8	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	615	9.0%	9.0%
0-40	1032	15.1%	15.1%
0-60	1805	26.5%	26.5%
0-90	2177	32.0%	32.0%
90-130	2623	38.5%	38.5%
90-150	3960	58.1%	58.1%
90-180	4636	68.0%	68.0%
0-180	6813	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	7683	7683	7683
5	7629	7777	7957
15	7404	8231	8997
25	7030	8806	10029
35	6668	9091	10160
45	6310	8830	9298
55	5889	7862	7676
65	5064	6205	5981
75	3900	4423	4228
85	2543	2444	2235



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