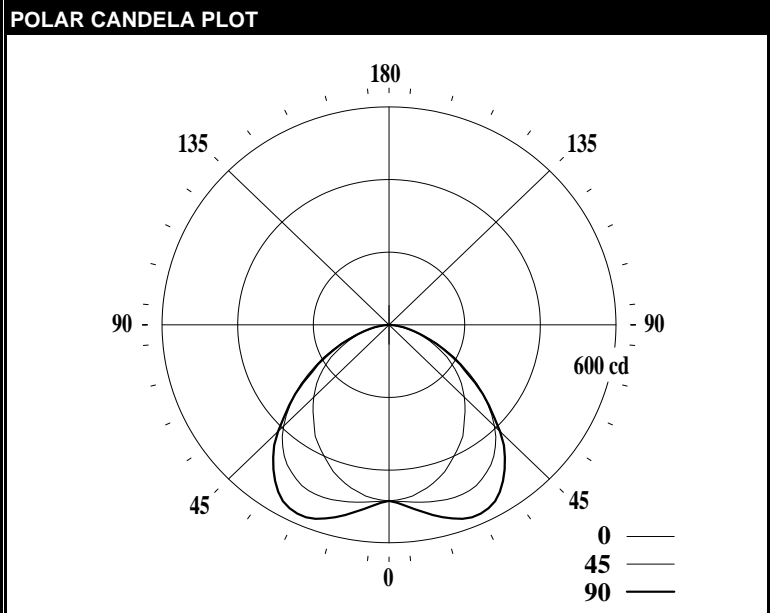


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019		CATALOG NO:	29x1LSKQN		
Lamp Type:	LED		Description:	TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED STD 935		
No. of Lamps:	88		Flux (lm), Efficiency (%):	1478 lm	100.0%	
Rated Lamp Lumens:	-1		Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn	92.4	
Input Watts:	277 VAC	16.0	Report (Ele, Col, Photo):	TGSEI-05	F38890Color	S07571-D
CIE-IES Classification:	Direct					

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	485	485	485	485	485	
5	480	483	489	493	500	47
15	451	468	502	532	548	142
25	402	437	504	557	574	229
35	345	387	470	523	525	283
45	282	324	394	424	415	286
55	213	243	285	294	278	238
65	135	153	166	172	160	158
75	64	71	72	75	69	77
85	14	16	14	16	12	18
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-Critical spaces			
Direct: Peak Candela & Angle (0deg)	484.7	0.0	
Direct: Peak Candela & Angle (90deg)	573.6	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	1.069	
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	15.8	0.133	10.0 0.993
277V: P(W), I(A), THD(%), PF	16.0	0.061	14.4 0.952
347V: P(W), I(A), THD(%), PF	15.9	0.048	11.6 0.956

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	417	28.2%	28.2%
0-40	701	47.4%	47.4%
0-60	1225	82.9%	82.9%
0-90	1478	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	1478	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5216	5216	5216
5	5179	5280	5402
15	5027	5588	6108
25	4773	5978	6808
35	4527	6172	6898
45	4284	5995	6313
55	3998	5338	5212
65	3437	4213	4060
75	2648	3004	2871
85	1729	1663	1518

LUMINAIRE SECTION	



LEDALITE

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