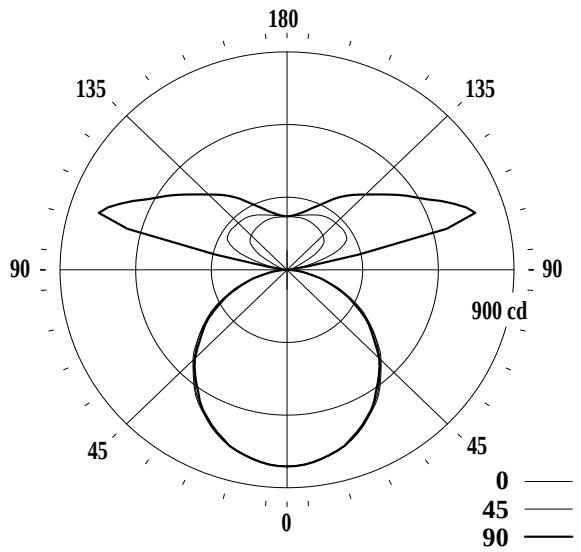
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LADLQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED DIRECT SILK/INDIRECT SYM LED MID/STD 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3665 lm 100.0%
Input Watts:	277 VAC 29.5	**Up/Dn Ratio, Efficacy (lm/W):**	39% Up / 61% Dn 124.2
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	TGSEI-13 T20190611 MLNG089

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux 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	7	7	10	11	13	14
105	23	28	114	381	655	201
115	69	85	250	515	673	303
125	169	187	277	451	540	283
135	201	214	273	390	440	232
145	211	225	268	340	367	176
155	219	227	250	284	293	118
165	222	225	234	244	247	67
175	220	222	223	225	224	21
180	221	221	221	221	221	

POLAR CANDELA PLOT



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			782.8	107.5
Indirect: Zenith Candela, Peak to Zenith			220.9	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	29.1	0.244	10.0	0.992
277V: P(W), I(A), THD(%), PF	29.5	0.113	14.6	0.946
347V: P(W), I(A), THD(%), PF	30.3	0.092	11.0	0.954

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	110	110	110	110	103	103	103	90	90	90	61
1	100	96	92	88	94	90	86	79	76	74	51
2	91	83	77	72	85	78	73	69	64	61	43
3	83	73	66	60	77	69	62	60	55	51	36
4	76	65	57	50	71	61	54	54	48	43	31
5	70	58	49	43	65	54	47	48	42	37	27
6	64	52	43	37	60	49	41	43	37	32	23
7	59	47	39	33	55	44	37	39	33	29	21
8	55	42	34	29	51	40	33	36	30	25	18
9	51	39	31	26	48	37	30	33	27	23	17
10	48	36	28	23	45	34	27	30	24	21	15

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	624	17.0%	17.0%
0-40	1016	27.7%	27.7%
0-60	1784	48.7%	48.7%
0-90	2249	61.4%	61.4%
90-130	801	21.9%	21.9%
90-150	1209	33.0%	33.0%
90-180	1416	38.6%	38.6%
0-180	3665	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

LEDALITE

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