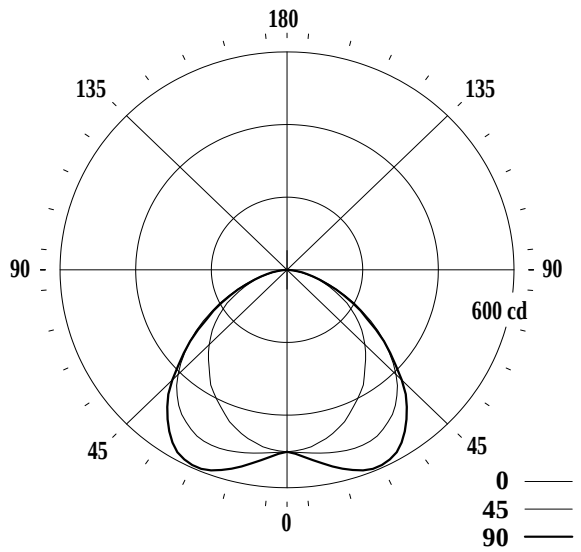
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LAKQN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED STD 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1528 lm 100.0%
Input Watts:	277 VAC 14.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 109.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-01 T20190611 S07571-3

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	501	501	501	501	501	
5	496	499	505	510	517	48
15	467	484	519	550	567	147
25	416	452	521	576	593	236
35	356	401	486	541	543	293
45	291	335	407	438	429	296
55	220	251	294	304	287	246
65	140	158	171	178	165	164
75	66	74	75	78	71	79
85	15	16	14	17	13	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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			501.1	0.0
Direct: Peak Candela & Angle (90deg)			592.9	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	1.105
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	13.7	0.116	11.8	0.990
277V: P(W), I(A), THD(%), PF	14.0	0.054	16.1	0.930
347V: P(W), I(A), THD(%), PF	14.0	0.043	12.1	0.946

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	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	431	28.2%	28.2%
0-40	724	47.4%	47.4%
0-60	1267	82.9%	82.9%
0-90	1528	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	1528	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5392	5392	5392
5	5354	5458	5584
15	5197	5777	6315
25	4934	6180	7038
35	4680	6381	7131
45	4429	6198	6526
55	4133	5518	5388
65	3553	4355	4198
75	2738	3105	2968
85	1787	1719	1569

LUMINAIRE SECTION

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