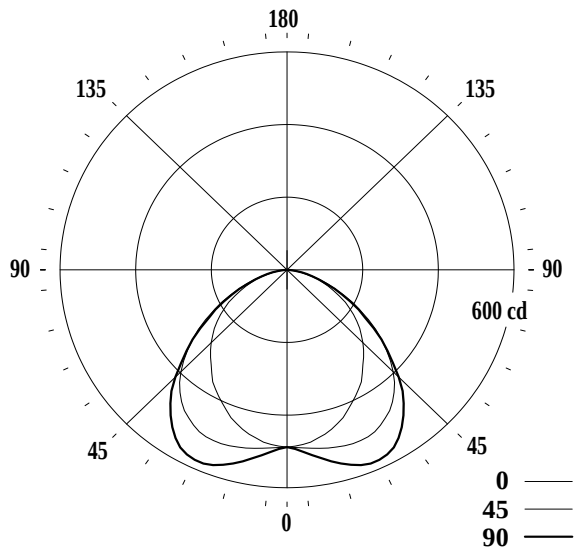
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LBKQN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED STD 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1488 lm 100.0%
Input Watts:	277 VAC 14.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 106.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-01 T20190610 S07571-2

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	488	488	488	488	488	
5	483	486	492	497	504	47
15	454	471	505	536	552	143
25	405	440	507	561	577	230
35	347	390	473	527	529	285
45	283	326	397	427	418	288
55	215	245	287	296	280	240
65	136	154	167	173	161	160
75	64	72	73	76	70	77
85	14	16	14	17	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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			488.0	0.0
Direct: Peak Candela & Angle (90deg)			577.4	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	1.076
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.4061	0.3914	3487	0.0001
CRI (Ra), R9			82	12
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	420	28.2%	28.2%
0-40	705	47.4%	47.4%
0-60	1233	82.9%	82.9%
0-90	1488	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	1488	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5251	5251	5251
5	5214	5315	5438
15	5061	5626	6149
25	4805	6019	6854
35	4557	6214	6945
45	4313	6036	6355
55	4025	5374	5247
65	3460	4241	4088
75	2666	3024	2890
85	1740	1674	1528

LUMINAIRE SECTION

LEDALITE

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