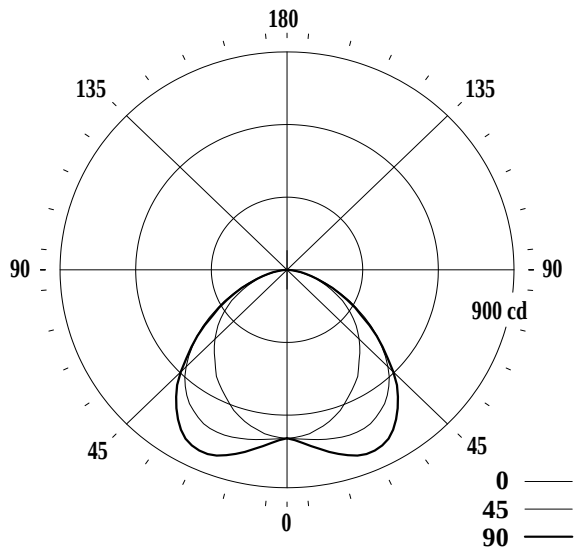
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LBGQN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED MID 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2122 lm 100.0%
Input Watts:	120 VAC 19.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 109.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-02 T20190610 S07571-5

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	696	696	696	696	696	
5	688	693	702	708	718	67
15	648	672	720	764	787	204
25	577	627	723	800	823	328
35	495	556	675	751	754	407
45	404	465	566	609	596	411
55	306	349	409	422	399	342
65	194	220	238	247	229	228
75	92	103	104	108	99	110
85	20	23	19	24	18	26
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)			695.9	0.0
Direct: Peak Candela & Angle (90deg)			823.5	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	1.535
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	19.4	0.163	8.3	0.992
277V: P(W), I(A), THD(%), PF	19.1	0.072	12.5	0.962
347V: P(W), I(A), THD(%), PF	19.7	0.059	10.3	0.967

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	599	28.2%	28.2%
0-40	1006	47.4%	47.4%
0-60	1759	82.9%	82.9%
0-90	2122	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	2122	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7488	7488	7488
5	7436	7580	7756
15	7217	8023	8770
25	6852	8583	9775
35	6499	8861	9904
45	6151	8608	9063
55	5740	7663	7482
65	4935	6048	5829
75	3802	4313	4121
85	2482	2387	2179

LUMINAIRE SECTION

LEDALITE

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