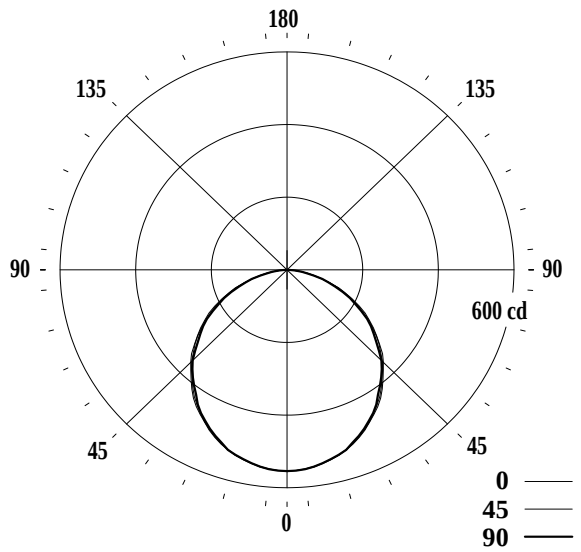
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LBKLN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM SILK LED STD 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1535 lm 100.0%
Input Watts:	277 VAC 14.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 109.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-01 T20190610 S07565-2

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	554	554	554	554	554	
5	550	552	551	552	551	52
15	529	531	528	529	527	149
25	487	490	485	485	483	224
35	431	433	427	428	420	268
45	360	364	356	357	353	276
55	279	283	275	278	271	248
65	191	193	184	189	184	187
75	96	106	95	99	97	105
85	20	24	19	23	21	27
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)			554.0	0.0
Direct: Peak Candela & Angle (90deg)			554.0	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.22	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	0.937
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	104	100	96	106	102	98	98	94	91	84
2	99	91	84	78	96	89	83	85	80	75	70
3	90	80	71	65	88	78	70	75	69	63	59
4	83	71	62	55	80	69	61	67	60	54	50
5	76	63	54	47	74	62	53	60	52	47	43
6	70	57	48	41	68	56	47	54	46	41	38
7	65	51	43	37	63	51	42	49	42	36	34
8	61	47	38	33	59	46	38	45	38	32	30
9	57	43	35	29	55	43	35	41	34	29	27
10	53	40	32	27	52	39	32	38	31	26	24

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	426	27.7%	27.7%
0-40	694	45.2%	45.2%
0-60	1217	79.3%	79.3%
0-90	1535	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	1535	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5961	5961	5961
5	5941	5951	5952
15	5891	5882	5873
25	5783	5758	5729
35	5666	5611	5510
45	5479	5420	5371
55	5228	5149	5082
65	4855	4692	4678
75	3991	3932	4018
85	2474	2393	2601

LUMINAIRE SECTION

LEDALITE

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