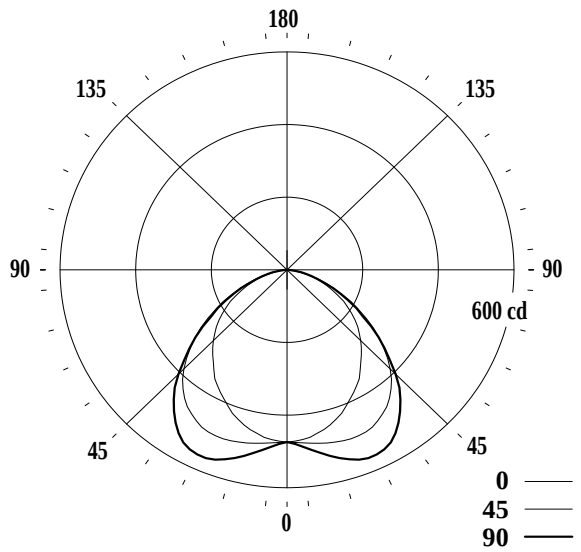
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LCKQN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED STD 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1446 lm 100.0%
Input Watts:	277 VAC 14.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 103.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-01 T20190608 S07571-1

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	474	474	474	474	474	
5	469	472	478	483	489	46
15	442	458	491	521	536	139
25	393	427	493	545	561	224
35	337	379	460	512	514	277
45	275	317	385	415	406	280
55	209	238	278	288	272	233
65	132	150	162	169	156	155
75	62	70	71	74	68	75
85	14	15	13	16	12	17
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)			474.2	0.0
Direct: Peak Candela & Angle (90deg)			561.1	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	1.046
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.4309	0.4003	3073	-0.0007
CRI (Ra), R9			83	10
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	408	28.2%	28.2%
0-40	686	47.4%	47.4%
0-60	1199	82.9%	82.9%
0-90	1446	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	1446	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5103	5103	5103
5	5067	5165	5285
15	4918	5467	5976
25	4669	5849	6661
35	4428	6038	6748
45	4191	5865	6176
55	3912	5222	5098
65	3363	4121	3972
75	2591	2939	2808
85	1691	1627	1485

LUMINAIRE SECTION

LEDALITE

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