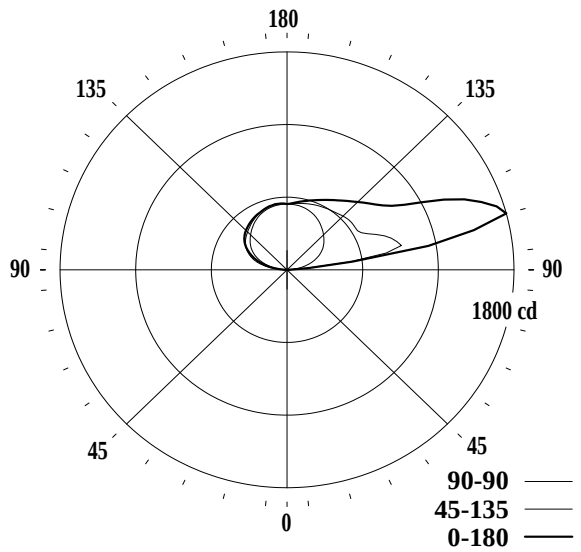
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x3LCENW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL INDIRECT ASY LED MID 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2965 lm 100.0%
Input Watts:	277 VAC 23.2	**Up/Dn Ratio, Efficacy (lm/W):**	100% Up / 0% Dn 127.8
CIE-IES Classification:	Indirect	**Report (Ele, Col, Photo):**	TGSEI-09 T20190608 S83735-6

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	0	0	0	0	0	
5	0	0	0	0	0	0
15	0	0	0	0	0	0
25	0	0	0	0	0	0
35	0	0	0	0	0	0
45	0	0	0	0	0	0
55	0	0	0	0	0	0
65	0	0	0	0	0	0
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	
95	173	152	53	79	55	165
105	1801	902	176	246	209	584
115	1374	705	279	343	329	545
125	928	644	354	403	412	466
135	793	628	409	442	461	408
145	700	602	461	482	494	337
155	637	585	503	518	519	253
165	590	566	530	542	543	156
175	554	548	542	548	550	52
180	543	543	543	543	543	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			N/A	N/A
Direct: Peak Candela & Angle (180deg)			N/A	N/A
Spacing Criteria (0deg, 90deg, 180deg)		N/A	N/A	N/A
Indirect: Peak Candela & Angle			1800.8	105.0
Indirect: Zenith Candela, Peak to Zenith			543.2	3.32
Luminous Length, Width, Height (ft)		0.00	0.00	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.008
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	22.9	0.193	10.8	0.991
277V: P(W), I(A), THD(%), PF	23.2	0.089	11.4	0.946
347V: P(W), I(A), THD(%), PF	22.3	0.068	9.6	0.951

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	95	95	95	95	81	81	81	56	56	56	0
1	87	83	79	76	74	71	68	48	47	45	0
2	79	72	66	62	67	62	57	42	40	37	0
3	72	63	57	51	61	54	49	37	34	31	0
4	65	56	48	43	56	48	42	33	29	26	0
5	60	49	42	36	51	42	36	29	25	22	0
6	55	44	36	31	47	38	32	26	22	19	0
7	50	39	32	27	43	34	28	23	19	17	0
8	47	35	28	23	40	30	24	21	17	14	0
9	43	32	25	20	37	27	22	19	15	13	0
10	40	29	22	18	34	25	19	17	14	11	0

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	0	0.0%	0.0%
0-40	0	0.0%	0.0%
0-60	0	0.0%	0.0%
0-90	0	0.0%	0.0%
90-130	1759	59.3%	59.3%
90-150	2504	84.5%	84.5%
90-180	2965	100.0%	100.0%
0-180	2965	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	0	0	0
5	0	0	0
15	0	0	0
25	0	0	0
35	0	0	0
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

LUMINAIRE SECTION

LEDALITE

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