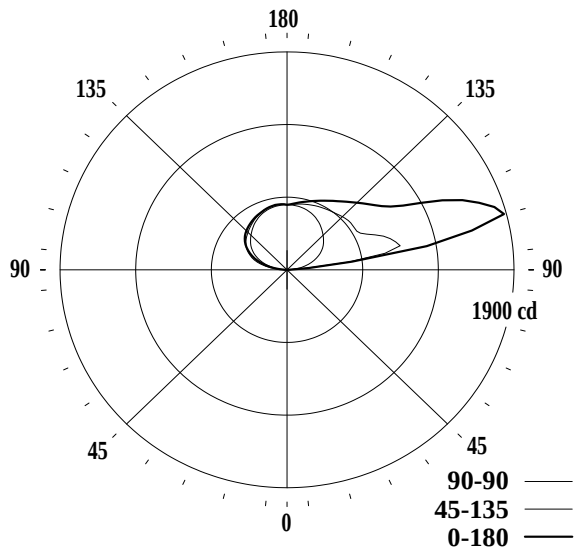
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x3LAENW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL INDIRECT ASY LED MID 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3096 lm 100.0%
Input Watts:	277 VAC 23.2	**Up/Dn Ratio, Efficacy (lm/W):**	100% Up / 0% Dn 133.4
CIE-IES Classification:	Indirect	**Report (Ele, Col, Photo):**	TGSEI-09 T20190611 S83735-8

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	181	159	56	82	58	172
105	1880	942	184	257	218	610
115	1434	737	292	358	343	569
125	969	672	369	421	430	486
135	828	656	427	462	481	426
145	731	628	481	503	516	351
155	665	610	525	541	542	264
165	616	591	554	566	567	163
175	579	572	566	572	575	55
180	567	567	567	567	567	

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			1880.3	105.0
Indirect: Zenith Candela, Peak to Zenith			567.1	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	1.052
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.3772	0.3752	4078	0.0002
CRI (Ra), R9			81	6
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	1837	59.3%	59.3%
90-150	2615	84.5%	84.5%
90-180	3096	100.0%	100.0%
0-180	3096	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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