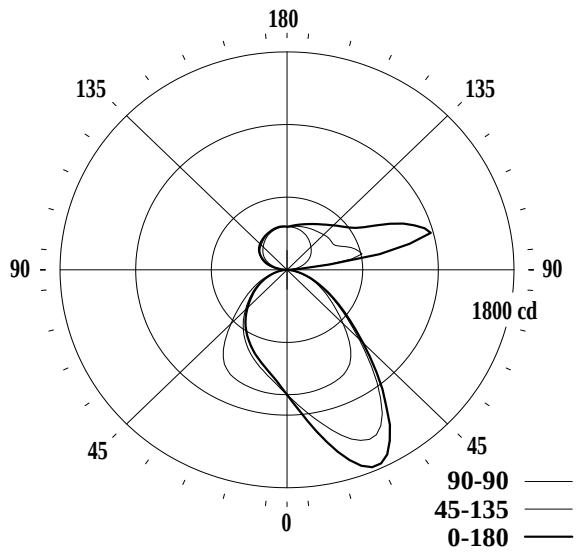
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LBBWW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED MID/STD 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4710 lm 100.0%
Input Watts:	277 VAC 43.2	**Up/Dn Ratio, Efficacy (lm/W):**	41% Up / 59% Dn 109.0
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	TGSEI-15 T20190610 MLNG142

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1031	1031	1031	1031	1031	
5	1174	1130	1031	949	924	100
15	1556	1369	1019	832	792	311
25	1764	1546	987	725	685	512
35	1371	1294	882	605	573	582
45	853	809	628	466	443	494
55	502	479	407	338	323	368
65	277	271	250	221	212	245
75	126	122	116	111	109	125
85	23	21	23	25	27	29
90	0	0	0	0	0	
95	114	100	35	52	36	108
105	1181	591	116	161	137	383
115	900	462	183	225	215	357
125	608	422	232	264	270	305
135	520	412	268	290	302	268
145	459	394	302	316	324	221
155	418	383	330	340	340	166
165	387	371	348	355	356	102
175	363	359	355	359	361	34
180	356	356	356	356	356	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1764.1	22.5
Direct: Peak Candela & Angle (180deg)			1031.2	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.66	1.34	0.92
Indirect: Peak Candela & Angle			1180.5	105.0
Indirect: Zenith Candela, Peak to Zenith			356.1	3.32
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	1.000
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	43.0	0.361	9.0	0.994
277V: P(W), I(A), THD(%), PF	43.2	0.163	11.0	0.958
347V: P(W), I(A), THD(%), PF	43.1	0.130	9.6	0.955

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	109	109	109	109	102	102	102	88	88	88	59
1	100	96	92	89	94	90	87	78	76	74	51
2	92	85	79	74	85	79	74	69	65	62	43
3	84	75	68	62	78	70	64	62	57	53	37
4	77	67	59	53	72	63	56	55	50	45	32
5	71	60	52	46	66	56	49	50	44	39	28
6	66	54	46	40	61	51	43	45	39	35	25
7	61	49	41	35	57	46	39	41	35	31	22
8	57	44	37	31	53	42	35	37	32	27	20
9	53	41	33	28	49	38	32	34	29	25	18
10	49	37	30	25	46	35	29	32	26	22	17

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	923	19.6%	19.6%
0-40	1505	32.0%	32.0%
0-60	2367	50.2%	50.2%
0-90	2766	58.7%	58.7%
90-130	1153	24.5%	24.5%
90-150	1642	34.9%	34.9%
90-180	1944	41.3%	41.3%
0-180	4710	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	11096	11096	11096
5	12680	11138	9981
15	17335	11347	8820
25	20944	11719	8128
35	18014	11587	7531
45	12975	9555	6743
55	9415	7643	6067
65	7058	6363	5400
75	5238	4802	4540
85	2852	2852	3370

LUMINAIRE SECTION

LEDALITE

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