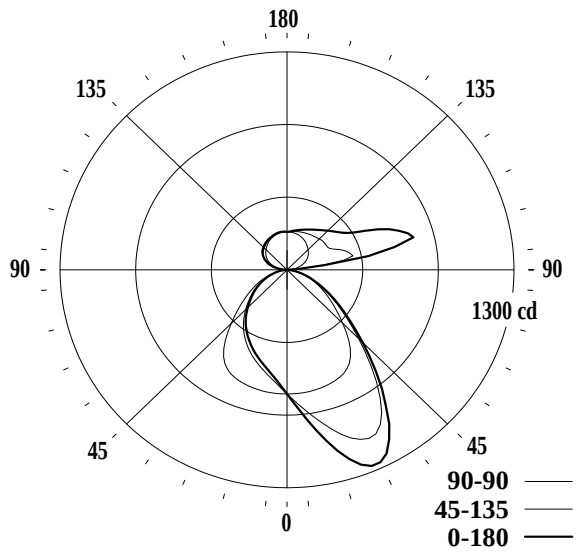
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LSDWW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED HI/MID 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3220 lm 100.0%
Input Watts:	277 VAC 35.3	**Up/Dn Ratio, Efficacy (lm/W):**	38% Up / 62% Dn 91.2
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	TGSEI-17 F38890Color MLNG147

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	740	740	740	740	740	
5	843	811	740	682	663	72
15	1117	983	731	597	568	224
25	1267	1110	709	520	492	368
35	985	929	633	434	412	418
45	612	581	451	335	318	354
55	360	344	293	243	232	264
65	199	195	179	158	152	176
75	91	88	83	80	78	90
85	17	15	17	18	20	21
90	0	0	0	0	0	
95	72	63	22	33	23	69
105	750	375	73	102	87	243
115	572	294	116	143	137	227
125	386	268	147	168	172	194
135	330	261	170	184	192	170
145	292	250	192	201	206	140
155	265	243	209	216	216	105
165	245	236	221	226	226	65
175	231	228	226	228	229	22
180	226	226	226	226	226	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1266.5	22.5
Direct: Peak Candela & Angle (180deg)			740.3	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.66	1.34	0.92
Indirect: Peak Candela & Angle			749.5	105.0
Indirect: Zenith Candela, Peak to Zenith			226.1	3.31
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	0.4035	0.3887	3523	0.0005
CRI (Ra), R9			94	71
120V: P(W), I(A), THD(%), PF	34.9	0.293	10.4	0.992
277V: P(W), I(A), THD(%), PF	35.3	0.136	14.0	0.936
347V: P(W), I(A), THD(%), PF	34.9	0.106	10.0	0.951

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	110	110	110	110	103	103	103	90	90	90	62
1	101	97	93	90	94	91	88	80	77	75	53
2	92	85	79	74	86	80	75	71	67	63	45
3	85	75	68	63	79	71	65	63	58	54	39
4	78	67	59	53	73	63	56	56	51	46	34
5	72	60	52	46	67	57	50	51	45	40	30
6	66	54	46	40	62	51	44	46	40	35	26
7	61	49	41	36	57	47	39	42	36	31	24
8	57	45	37	32	53	42	35	38	32	28	21
9	53	41	33	28	50	39	32	35	29	25	19
10	50	38	30	26	47	36	29	32	27	23	17

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	663	20.6%	20.6%
0-40	1081	33.6%	33.6%
0-60	1699	52.8%	52.8%
0-90	1986	61.7%	61.7%
90-130	732	22.7%	22.7%
90-150	1042	32.4%	32.4%
90-180	1234	38.3%	38.3%
0-180	3220	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	7966	7966	7966
5	9103	7996	7165
15	12446	8146	6332
25	15036	8414	5835
35	12933	8319	5407
45	9316	6860	4841
55	6761	5487	4356
65	5067	4568	3878
75	3762	3446	3259
85	2049	2049	2420

LUMINAIRE SECTION

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