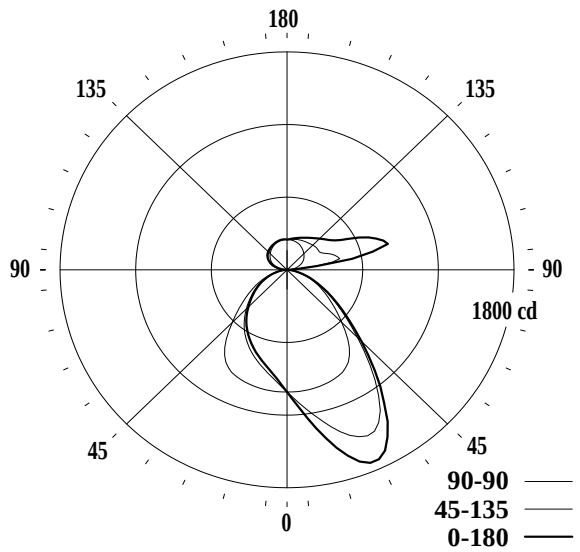
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LSCWW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED HI/STD 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4070 lm 100.0%
Input Watts:	120 VAC 45.2	**Up/Dn Ratio, Efficacy (lm/W):**	34% Up / 66% Dn 90.0
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	TGSEI-18 F38890Color MLNG148

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1009	1009	1009	1009	1009	
5	1149	1106	1009	929	904	98
15	1523	1340	997	814	775	305
25	1726	1512	966	709	670	501
35	1342	1266	863	592	561	569
45	834	791	614	456	434	483
55	491	469	399	331	316	360
65	271	265	245	216	208	240
75	123	119	113	109	107	122
85	23	21	23	25	27	29
90	0	0	0	0	0	
95	80	70	25	36	26	76
105	828	415	81	113	96	268
115	632	324	128	158	151	250
125	427	296	163	185	190	214
135	365	289	188	203	212	188
145	322	277	212	222	227	155
155	293	269	231	238	239	116
165	271	260	244	249	250	72
175	255	252	249	252	253	24
180	250	250	250	250	250	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1726.0	22.5
Direct: Peak Candela & Angle (180deg)			1008.9	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.66	1.34	0.92
Indirect: Peak Candela & Angle			828.0	105.0
Indirect: Zenith Candela, Peak to Zenith			249.7	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	0.4035	0.3887	3523	0.0005
CRI (Ra), R9			94	71
120V: P(W), I(A), THD(%), PF	45.2	0.378	7.6	0.995
277V: P(W), I(A), THD(%), PF	45.2	0.170	11.5	0.957
347V: P(W), I(A), THD(%), PF	44.5	0.133	8.3	0.967

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	111	111	111	111	105	105	105	92	92	92	66
1	102	98	94	91	96	92	89	82	80	78	57
2	94	86	80	75	88	82	76	73	69	65	49
3	86	76	69	63	81	72	66	65	60	56	42
4	79	68	60	54	74	65	58	58	52	48	37
5	73	61	53	47	68	58	51	52	46	42	32
6	67	55	47	41	63	52	45	47	41	37	29
7	62	50	42	36	59	48	40	43	37	33	25
8	58	45	38	32	55	43	36	39	33	29	23
9	54	42	34	29	51	40	33	36	30	26	21
10	51	38	31	26	48	37	30	33	28	24	19

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	903	22.2%	22.2%
0-40	1473	36.2%	36.2%
0-60	2315	56.9%	56.9%
0-90	2706	66.5%	66.5%
90-130	809	19.9%	19.9%
90-150	1151	28.3%	28.3%
90-180	1363	33.5%	33.5%
0-180	4070	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	10856	10856	10856
5	12406	10897	9765
15	16961	11102	8630
25	20492	11466	7953
35	17625	11336	7369
45	12695	9349	6598
55	9213	7478	5936
65	6905	6225	5283
75	5126	4698	4444
85	2790	2790	3296

LUMINAIRE SECTION

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