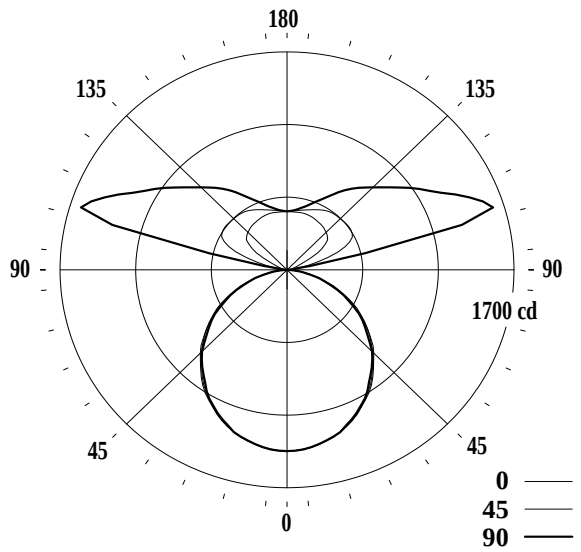
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LSALQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED DIRECT SILK/INDIRECT SYM LED XHI/HI 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6843 lm 100.0%
Input Watts:	120 VAC 68.6	**Up/Dn Ratio, Efficacy (lm/W):**	43% Up / 57% Dn 99.8
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	TGSEI-20 F38890Color MLNG102

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1414	1414	1414	1414	1414	
5	1404	1408	1406	1408	1407	134
15	1350	1355	1348	1351	1346	381
25	1243	1250	1238	1239	1232	572
35	1101	1105	1090	1093	1071	684
45	919	928	909	911	901	704
55	711	721	701	710	692	632
65	487	491	470	482	469	476
75	245	271	241	253	247	267
85	51	62	50	59	54	68
90	0	0	0	0	0	
95	14	15	20	22	26	29
105	48	58	236	788	1355	416
115	143	175	517	1065	1391	625
125	349	386	572	933	1115	585
135	415	443	565	806	910	480
145	437	464	553	703	759	364
155	452	469	517	588	606	244
165	459	464	483	505	510	138
175	454	458	461	465	464	44
180	457	457	457	457	457	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1414.1	0.0
Direct: Peak Candela & Angle (90deg)			1414.1	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.22	N/A
Indirect: Peak Candela & Angle			1618.1	107.5
Indirect: Zenith Candela, Peak to Zenith			456.5	3.54
Luminous Length, Width, Height (ft)		0.25	4.00	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	68.6	0.574	7.9	0.995
277V: P(W), I(A), THD(%), PF	68.4	0.257	11.4	0.962
347V: P(W), I(A), THD(%), PF	66.3	0.197	7.7	0.972

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	101	101	101	87	87	87	57
1	99	95	91	87	92	88	85	76	74	72	48
2	90	83	76	71	84	77	72	67	63	59	40
3	82	73	65	59	76	68	61	59	54	50	34
4	75	64	56	50	70	60	53	52	47	42	29
5	69	57	49	43	64	54	46	47	41	36	25
6	64	51	43	37	59	48	41	42	36	32	22
7	59	46	38	32	55	43	36	38	32	28	19
8	55	42	34	29	51	39	32	35	29	25	17
9	51	38	31	26	47	36	29	32	26	22	15
10	47	35	28	23	44	33	26	29	24	20	14

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1087	15.9%	15.9%
0-40	1770	25.9%	25.9%
0-60	3107	45.4%	45.4%
0-90	3917	57.2%	57.2%
90-130	1656	24.2%	24.2%
90-150	2499	36.5%	36.5%
90-180	2926	42.8%	42.8%
0-180	6843	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	15216	15216	15216
5	15163	15189	15192
15	15036	15013	14992
25	14760	14698	14623
35	14462	14320	14063
45	13986	13832	13709
55	13345	13143	12972
65	12392	11977	11941
75	10185	10036	10256
85	6321	6111	6642

LUMINAIRE SECTION

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