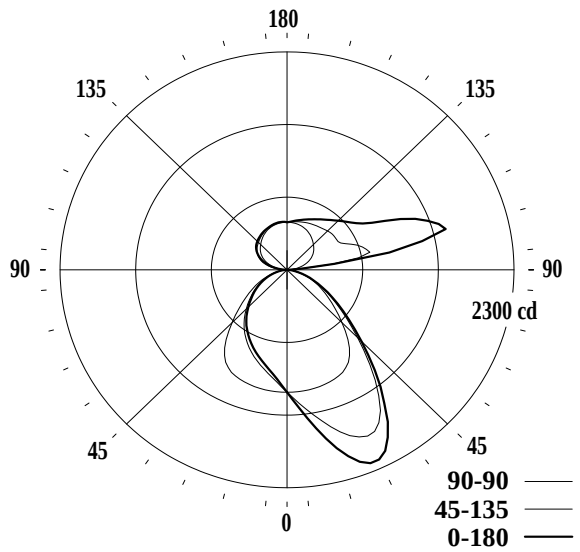
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LSAWW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED XHI/HI 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6204 lm 100.0%
Input Watts:	120 VAC 68.6	**Up/Dn Ratio, Efficacy (lm/W):**	44% Up / 56% Dn 90.4
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	TGSEI-20 F38890Color MLNG150

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1291	1291	1291	1291	1291	
5	1470	1415	1291	1189	1157	125
15	1949	1715	1275	1041	991	390
25	2209	1935	1236	907	857	641
35	1717	1620	1105	757	718	729
45	1068	1012	786	584	555	618
55	629	600	510	423	405	460
65	347	339	313	276	266	307
75	158	153	145	139	137	156
85	29	26	29	32	34	37
90	0	0	0	0	0	
95	160	141	49	73	51	153
105	1665	834	163	227	193	540
115	1270	652	258	317	304	504
125	858	595	327	373	381	431
135	733	580	378	409	426	378
145	647	556	426	445	457	311
155	589	540	465	479	480	233
165	545	524	490	501	502	144
175	512	507	501	507	509	48
180	502	502	502	502	502	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			2208.9	22.5
Direct: Peak Candela & Angle (180deg)			1291.2	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.66	1.34	0.92
Indirect: Peak Candela & Angle			1664.7	105.0
Indirect: Zenith Candela, Peak to Zenith			502.1	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	0.4035	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	56
1	100	96	92	88	93	89	86	77	74	72	48
2	91	84	78	73	85	78	73	68	64	61	41
3	83	74	67	62	77	69	63	60	56	52	35
4	77	66	58	52	71	62	55	54	49	44	31
5	71	59	51	45	65	55	48	48	43	39	27
6	65	53	45	40	60	50	43	44	38	34	24
7	60	48	40	35	56	45	38	40	34	30	21
8	56	44	36	31	52	41	34	36	31	27	19
9	52	40	33	28	49	38	31	33	28	24	17
10	49	37	30	25	46	35	28	31	25	22	16

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1156	18.6%	18.6%
0-40	1885	30.4%	30.4%
0-60	2963	47.8%	47.8%
0-90	3463	55.8%	55.8%
90-130	1626	26.2%	26.2%
90-150	2315	37.3%	37.3%
90-180	2741	44.2%	44.2%
0-180	6204	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	13893	13893	13893
5	15878	13946	12498
15	21707	14207	11044
25	26225	14673	10178
35	22556	14508	9430
45	16246	11965	8444
55	11790	9571	7598
65	8837	7967	6762
75	6560	6012	5683
85	3568	3568	4222

LUMINAIRE SECTION

LEDALITE

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