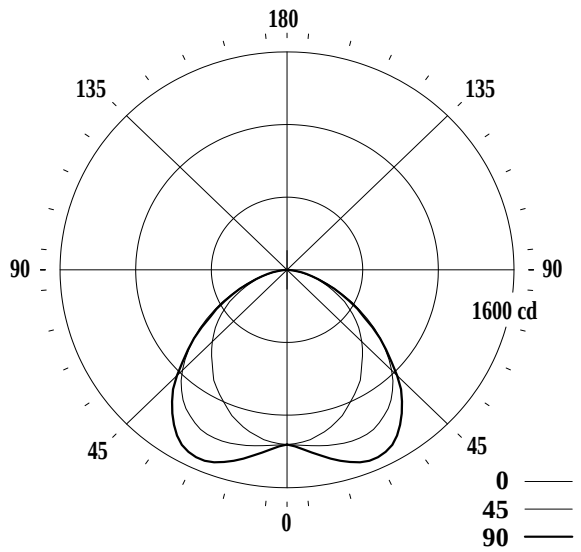
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LSDQN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM MESO LED XHI 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3911 lm 100.0%
Input Watts:	120 VAC 46.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 84.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-08 F38890Color S07571-G

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1283	1283	1283	1283	1283	
5	1269	1278	1293	1305	1323	124
15	1194	1238	1327	1408	1451	375
25	1064	1156	1332	1474	1517	605
35	912	1025	1243	1384	1390	750
45	745	856	1043	1122	1098	758
55	564	643	753	778	735	630
65	357	405	438	456	422	419
75	169	189	191	199	183	203
85	37	42	36	43	33	47
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1282.6	0.0
Direct: Peak Candela & Angle (90deg)			1517.7	22.5
Spacing Criteria (0deg, 90deg, 180deg)		1.16	1.57	N/A
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
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	2.828
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	46.5	0.389	6.0	0.997
277V: P(W), I(A), THD(%), PF	46.0	0.171	8.8	0.974
347V: P(W), I(A), THD(%), PF	45.3	0.133	6.9	0.980

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	119	119	119	119	116	116	116	111	111	111	100
1	109	105	101	97	107	103	99	98	95	93	85
2	100	92	85	80	97	90	84	87	82	77	72
3	91	81	73	67	89	79	72	77	70	65	61
4	84	72	63	57	81	71	63	68	61	56	52
5	77	64	56	49	75	63	55	61	54	48	45
6	71	58	49	43	69	57	49	55	48	42	39
7	66	52	44	38	64	52	43	50	43	37	35
8	61	48	39	34	60	47	39	46	39	33	31
9	57	44	36	30	56	43	35	42	35	30	28
10	54	40	33	27	52	40	32	39	32	27	25

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1104	28.2%	28.2%
0-40	1854	47.4%	47.4%
0-60	3242	82.9%	82.9%
0-90	3911	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	3911	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	13801	13801	13801
5	13704	13970	14294
15	13302	14786	16163
25	12629	15819	18015
35	11978	16332	18252
45	11336	15864	16703
55	10580	14124	13790
65	9095	11147	10744
75	7008	7949	7596
85	4574	4400	4015

LUMINAIRE SECTION

LEDALITE

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