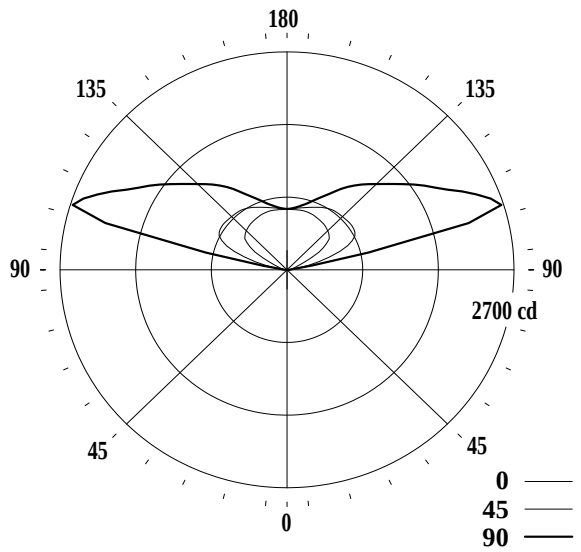
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x3LSCNQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED INDIRECT SYM LED HI 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4835 lm 100.0%
Input Watts:	120 VAC 43.1	**Up/Dn Ratio, Efficacy (lm/W):**	100% Up / 0% Dn 112.2
CIE-IES Classification:	Indirect	**Report (Ele, Col, Photo):**	TGSEI-12 F38890Color S07529-8

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	0	0	0	0	0	
5	0	0	0	0	0	0
15	0	0	0	0	0	0
25	0	0	0	0	0	0
35	0	0	0	0	0	0
45	0	0	0	0	0	0
55	0	0	0	0	0	0
65	0	0	0	0	0	0
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	
95	24	24	33	36	43	48
105	80	96	390	1302	2239	687
115	235	289	855	1759	2299	1034
125	577	638	945	1541	1843	967
135	685	731	933	1332	1503	793
145	722	767	914	1161	1254	601
155	747	775	855	971	1001	404
165	758	767	798	834	843	228
175	750	757	762	769	767	73
180	754	754	754	754	754	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			N/A	N/A
Direct: Peak Candela & Angle (90deg)			N/A	N/A
Spacing Criteria (0deg, 90deg, 180deg)		N/A	N/A	N/A
Indirect: Peak Candela & Angle			2673.9	107.5
Indirect: Zenith Candela, Peak to Zenith			754.4	3.54
Luminous Length, Width, Height (ft)		0.00	0.00	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.567
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	43.1	0.360	5.2	0.997
277V: P(W), I(A), THD(%), PF	42.6	0.157	7.1	0.980
347V: P(W), I(A), THD(%), PF	41.6	0.122	6.3	0.982

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	95	95	95	95	81	81	81	56	56	56	0
1	87	83	79	76	74	71	68	48	47	45	0
2	79	72	66	62	67	62	57	42	40	37	0
3	72	63	57	51	61	54	49	37	34	31	0
4	65	56	48	43	56	48	42	33	29	26	0
5	60	49	42	36	51	42	36	29	25	22	0
6	55	44	36	31	47	38	32	26	22	19	0
7	50	39	32	27	43	34	28	23	19	17	0
8	47	35	28	23	40	30	24	21	17	14	0
9	43	32	25	20	37	27	22	19	15	13	0
10	40	29	22	18	34	25	19	17	14	11	0

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	0	0.0%	0.0%
0-40	0	0.0%	0.0%
0-60	0	0.0%	0.0%
0-90	0	0.0%	0.0%
90-130	2736	56.6%	56.6%
90-150	4130	85.4%	85.4%
90-180	4835	100.0%	100.0%
0-180	4835	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	0	0	0
5	0	0	0
15	0	0	0
25	0	0	0
35	0	0	0
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

LUMINAIRE SECTION

LEDALITE

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