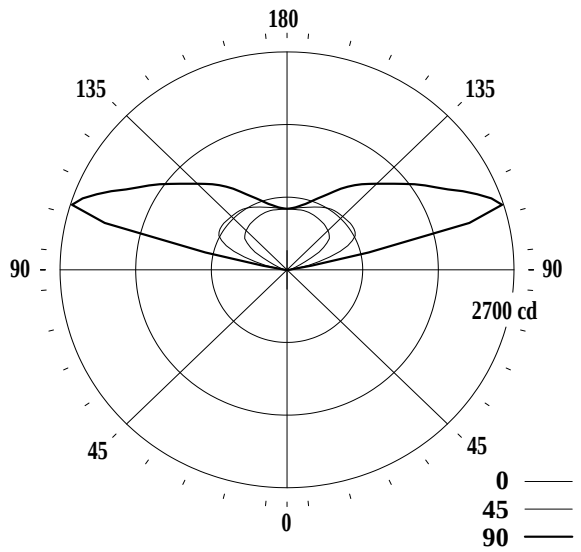
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x3LBCNQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED INDIRECT SYM LED HI 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4851 lm 100.0%
Input Watts:	120 VAC 35.7	**Up/Dn Ratio, Efficacy (lm/W):**	100% Up / 0% Dn 135.9
CIE-IES Classification:	Indirect	**Report (Ele, Col, Photo):**	TGSEI-10 T20190610 S07529-5

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	34	37	43	48
105	80	96	391	1306	2246	689
115	236	290	858	1765	2307	1037
125	579	640	949	1547	1849	970
135	687	734	936	1337	1508	796
145	724	770	917	1165	1258	603
155	749	778	858	974	1005	405
165	760	770	801	837	846	229
175	753	759	765	771	769	73
180	757	757	757	757	757	

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			2682.9	107.5
Indirect: Zenith Candela, Peak to Zenith			757.0	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	1.572
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.4061	0.3914	3487	0.0001
CRI (Ra), R9			82	12
120V: P(W), I(A), THD(%), PF	35.7	0.299	6.3	0.996
277V: P(W), I(A), THD(%), PF	35.5	0.132	8.1	0.973
347V: P(W), I(A), THD(%), PF	34.9	0.103	6.7	0.976

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	2745	56.6%	56.6%
90-150	4144	85.4%	85.4%
90-180	4851	100.0%	100.0%
0-180	4851	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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