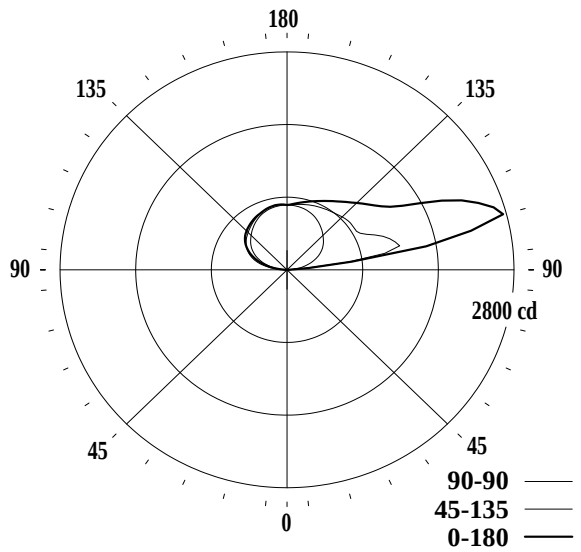
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x3LBCNW**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/WALL INDIRECT ASY LED HI 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4545 lm 100.0%
Input Watts:	120 VAC 35.7	**Up/Dn Ratio, Efficacy (lm/W):**	100% Up / 0% Dn 127.3
CIE-IES Classification:	Indirect	**Report (Ele, Col, Photo):**	TGSEI-10 T20190610 S83735-A

CANDELA DISTRIBUTION

	0	45	90	135	180	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	266	233	82	121	85	253
105	2760	1382	270	377	320	895
115	2105	1081	428	525	504	835
125	1423	987	542	618	632	714
135	1216	962	627	678	706	626
145	1074	922	706	738	757	516
155	976	896	771	794	796	387
165	904	868	813	831	833	239
175	850	840	831	840	843	80
180	833	833	833	833	833	

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 (180deg)			N/A	N/A
Spacing Criteria (0deg, 90deg, 180deg)		N/A	N/A	N/A
Indirect: Peak Candela & Angle			2760.2	105.0
Indirect: Zenith Candela, Peak to Zenith			832.5	3.32
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	1.545
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	2697	59.3%	59.3%
90-150	3839	84.5%	84.5%
90-180	4545	100.0%	100.0%
0-180	4545	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
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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