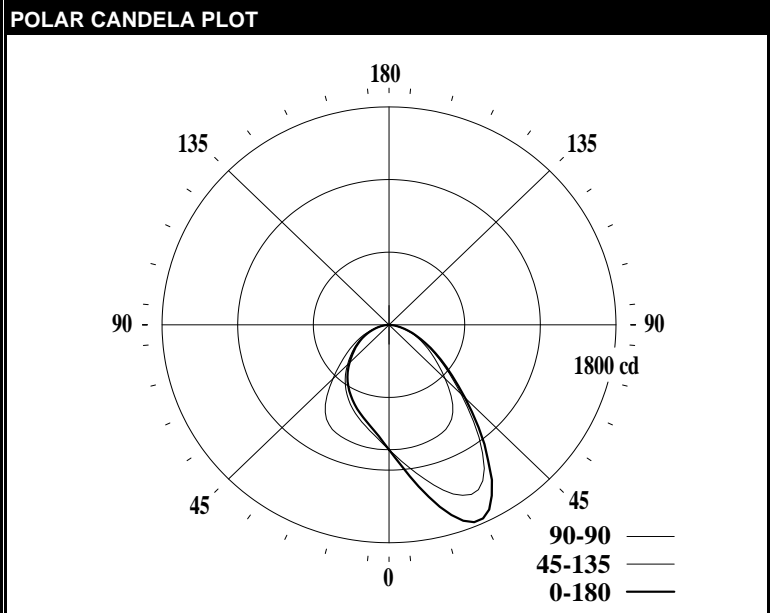


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x1LBewn
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPEND/SURFACE/WALL DIRECT ASY LED HI 835
<b>No. of Lamps:</b>	88	<b>Flux (lm), Efficiency (%):</b>	2766 lm 100.0%
<b>Rated Lamp Lumens:</b>	-1	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 97.7
<b>Input Watts:</b>	277 VAC 28.3	<b>Report (Ele, Col, Photo):</b>	TGSEI-03 T20190610 S83733-G
<b>CIE-IES Classification:</b>	Direct		

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	1031	1031	1031	1031	1031	
5	1174	1130	1031	949	924	100
15	1556	1369	1019	832	792	311
25	1764	1546	987	725	685	512
35	1371	1294	882	605	573	582
45	853	809	628	466	443	494
55	502	479	407	338	323	368
65	277	271	250	221	212	245
75	126	122	116	111	109	125
85	23	21	23	25	27	29
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	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	1763.9	22.5	
Direct: Peak Candela & Angle (180deg)	1031.1	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	
Luminous Length, Width, Height (ft)	0.25	4.00	0.00
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	2.100	
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	28.1	0.236	9.1 0.990
277V: P(W), I(A), THD(%), PF	28.3	0.106	10.3 0.960
347V: P(W), I(A), THD(%), PF	28.0	0.084	8.1 0.966

COEFFICIENTS OF UTILIZATION (%)														
Pc---	80				70				50				0	
Pw---	70	50	30	10	70	50	30	50	30	10	50	30	10	0
RCR														
0	119	119	119	119	116	116	116	111	111	111	111	100		
1	110	106	102	98	107	103	100	99	96	94	94	86		
2	101	94	87	82	98	92	86	88	83	79	74	64		
3	93	83	76	70	90	82	75	79	73	68	64	55		
4	86	74	66	60	83	73	65	71	64	59	55	48		
5	79	67	59	52	77	66	58	64	57	52	48	43		
6	73	61	52	46	71	60	52	58	51	46	43	38		
7	68	55	47	41	66	55	47	53	46	41	38	31		
8	64	51	43	37	62	50	42	49	42	37	34	28		
9	59	47	39	33	58	46	38	45	38	33	31	25		
10	56	43	35	30	55	43	35	42	35	30	28	22		

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	923	33.4%	33.4%
0-40	1505	54.4%	54.4%
0-60	2366	85.6%	85.6%
0-90	2766	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	2766	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	11094	11094	11094
5	12679	11136	9980
15	17333	11345	8819
25	20942	11717	8127
35	18012	11585	7530
45	12973	9554	6742
55	9415	7642	6067
65	7057	6362	5400
75	5238	4802	4540
85	2852	2852	3370

LUMINAIRE SECTION	



## LEDALITE

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