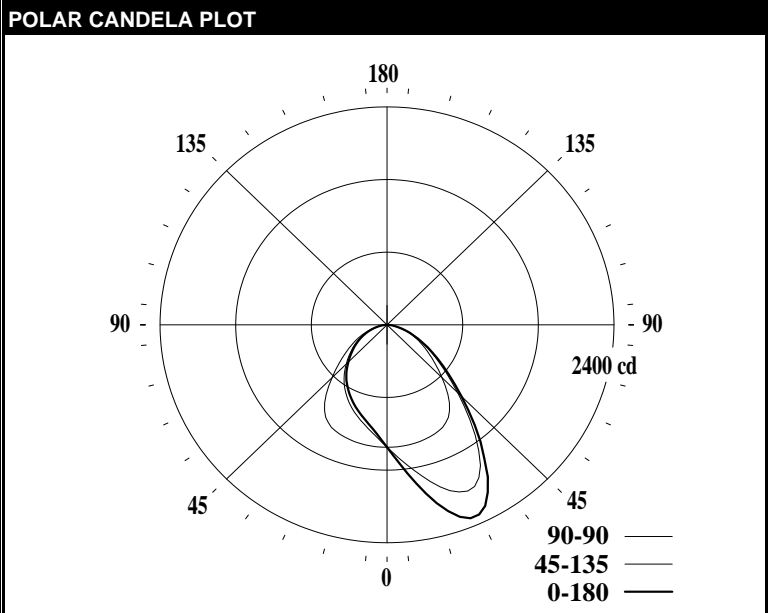


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x1LBDWN
Lamp Type:	LED	Description:	TRUGROOVE SUSPEND/SURFACE/WALL DIRECT ASY LED XHI 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3614 lm 100.0%
Input Watts:	120 VAC 39.0	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 92.7
CIE-IES Classification:	Direct	Report (Ele, Col, Photo):	TGSEI-04 T20190610 S83733-J

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	1348	1348	1348	1348	1348	
5	1534	1476	1348	1240	1208	131
15	2034	1789	1331	1087	1035	407
25	2305	2020	1290	947	895	669
35	1792	1691	1153	790	749	761
45	1114	1057	821	609	579	645
55	656	626	532	442	423	480
65	362	354	327	288	277	321
75	165	159	151	145	143	163
85	30	27	30	33	36	38
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			None
Direct: Peak Candela & Angle (0deg)	2305.2	22.5	
Direct: Peak Candela & Angle (180deg)	1347.5	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	2.744	
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	39.0	0.326	5.1 0.998
277V: P(W), I(A), THD(%), PF	38.4	0.142	8.3 0.973
347V: P(W), I(A), THD(%), PF	38.2	0.112	6.5 0.979

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

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1207	33.4%	33.4%
0-40	1967	54.4%	54.4%
0-60	3092	85.6%	85.6%
0-90	3614	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	3614	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	14499	14499	14499
5	16570	14554	13042
15	22653	14827	11525
25	27368	15313	10621
35	23539	15140	9841
45	16954	12486	8811
55	12304	9987	7928
65	9223	8315	7057
75	6845	6275	5933
85	3727	3727	4404

LUMINAIRE SECTION	



LEDALITE

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