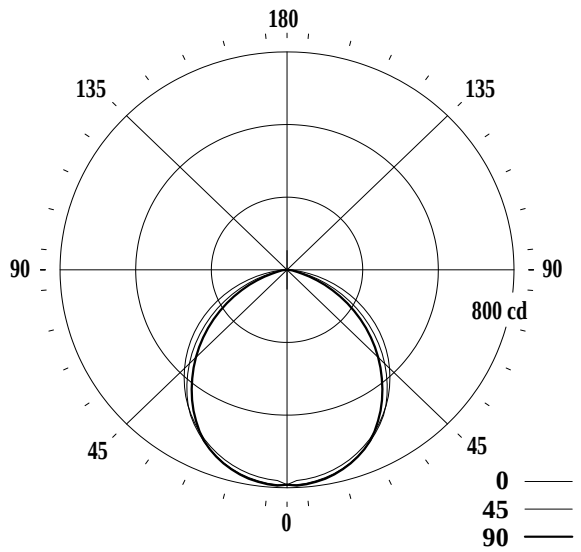
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x0LBGMxx04**
Lamp Type:	LED	**Description:**	SILK REGRESSED 2200LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2008 lm 100.0%
Input Watts:	120 VAC 20.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 98.0
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1282 F38546Color S38548-5

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	789	789	789	789	789	
5	771	781	787	792	790	75
15	742	751	756	760	758	213
25	687	693	694	695	693	319
35	609	612	608	590	584	376
45	511	511	487	462	454	375
55	398	390	353	324	315	318
65	273	254	214	185	177	217
75	142	118	83	61	55	98
85	30	13	12	12	12	19
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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			788.8	0.0
Direct: Peak Candela & Angle (90deg)			793.1	2.5
Spacing Criteria (0deg, 90deg, 180deg)		1.23	1.21	N/A
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		4.0000	0.2500	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.441
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4097	0.3945	3437	0.0007
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	20.5	0.173	13.0	0.988
277V: P(W), I(A), THD(%), PF	20.9	0.081	17.6	0.924
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A	N/A

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	119	119	119	119	116	116	116	111	111	111	100
1	110	105	101	98	107	103	99	99	96	93	86
2	100	92	86	81	98	91	85	87	82	78	72
3	92	82	74	68	89	80	73	77	71	66	62
4	84	73	64	58	82	71	63	69	62	57	53
5	78	65	56	50	75	64	56	62	55	49	46
6	72	59	50	44	70	58	50	56	49	43	41
7	67	53	45	39	65	53	44	51	44	38	36
8	62	49	40	35	60	48	40	47	40	34	32
9	58	45	37	31	57	44	37	43	36	31	29
10	54	41	34	28	53	41	33	40	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	606	30.2%	30.2%
0-40	982	48.9%	48.9%
0-60	1674	83.4%	83.4%
0-90	2008	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	2008	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	8488	8488	8488
5	8330	8495	8532
15	8270	8416	8445
25	8159	8243	8224
35	7993	7982	7666
45	7773	7412	6914
55	7474	6618	5917
65	6941	5437	4502
75	5889	3445	2294
85	3647	1530	1494

LUMINAIRE SECTION

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