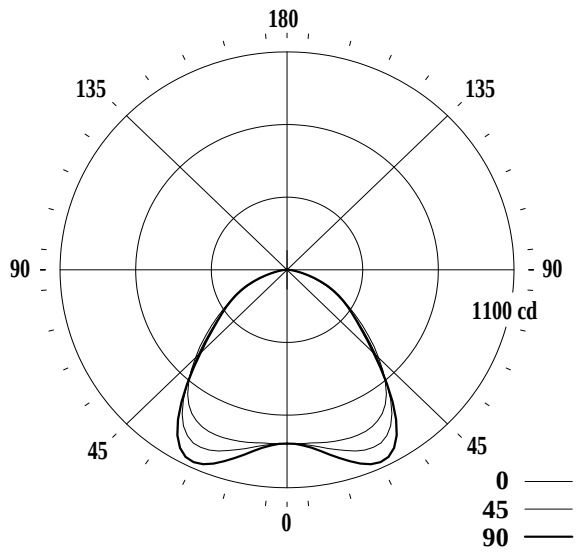
LEDALITE - SYNC

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7406LBEQJ**
Lamp Type:	LED	**Description:**	SYNC 100%DN LO 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2565 lm 100.0%
Input Watts:	120 VAC 28.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 90.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ITL88342-THD1 ITL88345-SPH S88349-3

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	877	877	877	877	877	
5	880	880	884	888	890	85
15	896	903	940	974	983	267
25	900	917	989	1049	1071	453
35	830	840	886	918	922	544
45	627	619	611	600	594	473
55	408	400	388	385	385	354
65	242	239	240	243	249	239
75	100	101	102	104	105	112
85	19	20	22	22	22	26
90	0	0	0	0	0	
95	1	1	1	1	0	1
105	1	2	2	3	1	2
115	2	2	3	2	2	2
125	2	3	2	2	2	2
135	2	2	2	3	3	2
145	2	2	2	3	3	2
155	2	2	2	2	3	1
165	2	2	2	1	2	1
175	1	1	1	1	1	0
180	1	1	1	1	1	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			902.0	20.0
Direct: Peak Candela & Angle (90deg)			1071.1	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.44	1.50	N/A
Indirect: Peak Candela & Angle			3.1	132.5
Indirect: Zenith Candela, Peak to Zenith			1.0	3.00
Luminous Length, Width, Height (ft)		3.8021	0.2917	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.044
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4167	0.3968	3312	0.0000
CRI (Ra), R9			82	-1
120V: P(W), I(A), THD(%), PF	28.4	0.238	8.0	0.994
277V: P(W), I(A), THD(%), PF	28.4	0.107	11.6	0.962
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	106	102	98	107	103	100	99	96	93	86
2	101	93	87	82	98	91	86	88	83	79	73
3	92	83	75	69	90	81	74	78	72	67	63
4	85	74	66	59	83	72	65	70	63	58	54
5	78	66	58	51	76	65	57	63	56	51	47
6	73	60	51	45	71	59	51	57	50	45	42
7	67	54	46	40	66	54	46	52	45	40	37
8	63	50	42	36	61	49	41	48	41	36	33
9	59	46	38	32	57	45	38	44	37	32	30
10	55	42	35	29	54	42	34	41	34	29	27

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	805	31.4%	31.4%
0-40	1349	52.6%	52.6%
0-60	2176	84.8%	84.8%
0-90	2553	99.5%	99.5%
90-130	8	0.3%	0.3%
90-150	11	0.4%	0.4%
90-180	13	0.5%	0.5%
0-180	2565	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	8509	8509	8509
5	8572	8613	8664
15	8998	9438	9879
25	9635	10585	11468
35	9831	10499	10919
45	8610	8381	8151
55	6905	6570	6517
65	5561	5513	5705
75	3757	3836	3953
85	2092	2441	2441

LUMINAIRE SECTION

LEDALITE

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