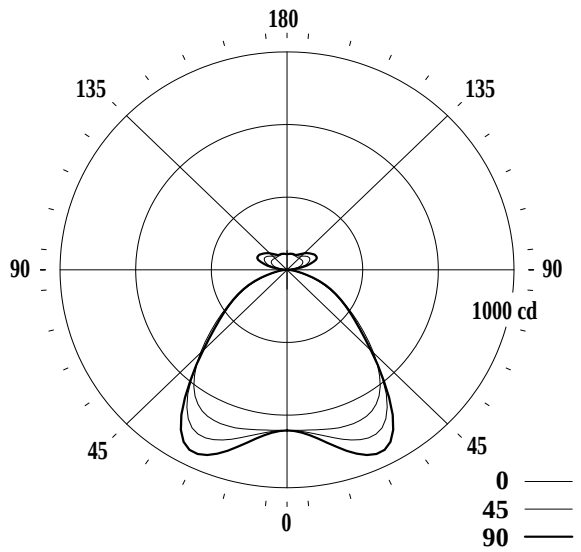
LEDALITE - SYNC

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7406LBEQG**
Lamp Type:	LED	**Description:**	SYNC 80%DN LO 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2692 lm 100.0%
Input Watts:	120 VAC 28.4	**Up/Dn Ratio, Efficacy (lm/W):**	18% Up / 82% Dn 94.8
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	ITL88342-THD1 ITL88345-SPH S88348-3

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	737	737	737	737	737	
5	739	740	744	749	750	72
15	755	763	798	830	840	227
25	762	781	851	910	932	390
35	707	720	769	802	812	472
45	540	532	527	524	523	410
55	351	342	335	335	337	306
65	208	205	206	211	214	206
75	85	86	87	89	91	95
85	15	17	18	19	19	22
90	0	0	0	0	0	
95	10	12	14	15	15	20
105	56	65	85	98	104	85
115	76	87	111	138	143	109
125	79	87	108	128	130	95
135	75	79	89	105	108	71
145	73	75	79	85	86	50
155	73	75	77	77	77	35
165	73	74	75	76	76	21
175	72	72	72	73	73	7
180	72	72	72	72	72	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			764.2	22.5
Direct: Peak Candela & Angle (90deg)			932.3	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.45	1.54	N/A
Indirect: Peak Candela & Angle			143.0	115.0
Indirect: Zenith Candela, Peak to Zenith			72.0	1.99
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	115	115	115	115	110	110	110	101	101	101	82
1	106	101	98	94	101	97	94	90	87	85	70
2	97	89	83	78	93	86	80	80	75	71	60
3	89	79	72	66	85	76	69	71	65	61	51
4	81	70	62	56	78	68	61	63	57	52	44
5	75	63	55	49	72	61	53	57	50	45	39
6	69	57	49	43	66	55	47	51	45	40	34
7	64	52	43	38	62	50	42	47	40	35	30
8	60	47	39	34	57	46	38	43	36	32	27
9	56	43	35	30	54	42	35	39	33	29	24
10	52	40	32	27	50	39	32	36	30	26	22

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	688	25.6%	25.6%
0-40	1160	43.1%	43.1%
0-60	1875	69.7%	69.7%
0-90	2198	81.6%	81.6%
90-130	309	11.5%	11.5%
90-150	431	16.0%	16.0%
90-180	494	18.4%	18.4%
0-180	2692	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7152	7152	7152
5	7199	7250	7301
15	7582	8012	8442
25	8159	9109	9981
35	8372	9114	9621
45	7406	7235	7177
55	5934	5669	5704
65	4770	4722	4914
75	3170	3249	3405
85	1627	1976	2092

LUMINAIRE SECTION

LEDALITE

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