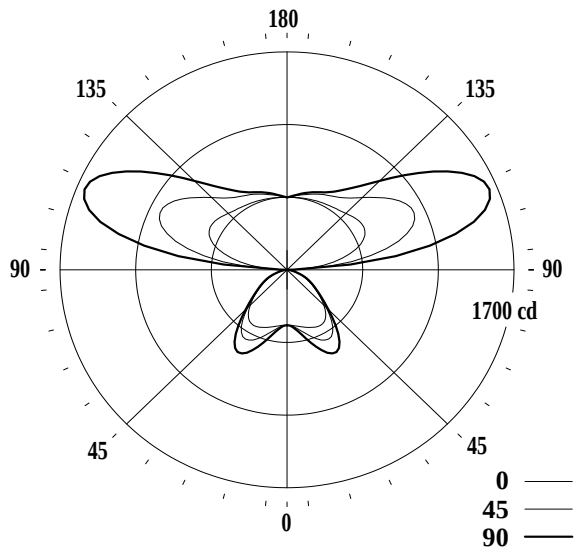
LEDALITE - SYNC

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**7406LBAQN**
Lamp Type:	LED	**Description:**	SYNC STD HI 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6453 lm 100.0%
Input Watts:	120 VAC 56.7	**Up/Dn Ratio, Efficacy (lm/W):**	75% Up / 25% Dn 113.8
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	ITL88344-THD1 ITL88345-SPH S88345-2

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	433	433	433	433	433	
5	435	436	440	446	446	43
15	461	472	508	544	557	146
25	493	521	605	682	714	278
35	489	518	595	661	686	364
45	389	397	418	433	438	321
55	259	255	257	265	268	235
65	153	151	155	161	166	155
75	62	64	66	68	68	72
85	11	13	13	13	15	16
90	0	0	0	0	0	
95	187	217	306	427	476	341
105	489	582	865	1256	1449	949
115	644	750	1050	1438	1628	1071
125	661	744	963	1218	1337	879
135	623	686	797	926	980	626
145	597	639	690	744	767	435
155	584	612	648	665	667	296
165	574	591	610	622	623	172
175	567	572	576	580	582	55
180	565	565	565	565	565	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			500.6	30.0
Direct: Peak Candela & Angle (90deg)			740.5	30.0
Spacing Criteria (0deg, 90deg, 180deg)		1.62	1.79	N/A
Indirect: Peak Candela & Angle			1641.5	112.5
Indirect: Zenith Candela, Peak to Zenith			564.8	2.91
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	1.889
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	56.7	0.475	9.4	0.995
277V: P(W), I(A), THD(%), PF	56.2	0.206	10.2	0.987
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	101	101	101	101	90	90	90	70	70	70	25
1	92	88	85	81	82	79	76	61	59	57	22
2	84	77	71	67	75	69	64	54	50	48	18
3	77	68	61	56	68	61	55	47	43	40	16
4	70	60	53	47	62	54	47	42	38	34	13
5	64	53	46	40	57	48	41	37	33	29	12
6	59	48	40	34	52	43	36	34	29	25	10
7	54	43	35	30	48	38	32	30	26	22	9
8	50	39	31	26	45	35	28	27	23	19	8
9	47	35	28	23	42	32	25	25	20	17	7
10	44	32	25	20	39	29	23	23	18	15	6

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	466	7.2%	7.2%
0-40	830	12.9%	12.9%
0-60	1386	21.5%	21.5%
0-90	1629	25.2%	25.2%
90-130	3240	50.2%	50.2%
90-150	4301	66.7%	66.7%
90-180	4824	74.8%	74.8%
0-180	6453	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4197	4197	4197
5	4232	4287	4342
15	4630	5104	5598
25	5278	6472	7645
35	5795	7048	8122
45	5340	5729	6014
55	4378	4346	4538
65	3513	3556	3817
75	2337	2479	2549
85	1262	1472	1682

LUMINAIRE SECTION

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