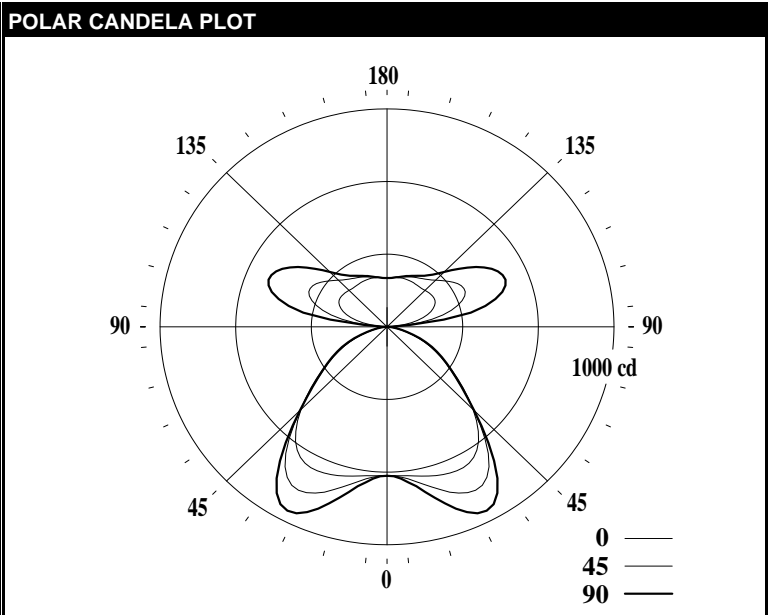


LEDALITE - SYNC

TEST DATE:	09 Jan 2019	CATALOG NO:	7406LBCQD
Lamp Type:	LED	Description:	SYNC 60%DN MID 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3927 lm 100.0%
Input Watts:	120 VAC 39.4	Up/Dn Ratio, Efficacy (lm/W):	44% Up / 56% Dn 99.7
CIE-IES Classification:	Direct-Indirect	Report (Ele, Col, Photo):	ITL88343-THD1 ITL88345-SPH S88347-4

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	683	683	683	683	683	
5	686	688	692	696	699	67
15	709	720	761	799	812	217
25	729	755	840	916	944	385
35	690	714	783	831	848	478
45	537	534	541	543	543	418
55	351	342	340	342	345	310
65	207	206	209	214	218	208
75	85	87	89	92	92	97
85	16	17	18	20	20	22
90	0	0	0	0	0	
95	38	48	71	94	104	95
105	165	206	293	417	495	322
115	231	276	380	499	562	380
125	245	280	357	442	479	323
135	237	259	303	344	357	234
145	233	244	271	286	286	167
155	234	238	252	259	258	115
165	233	233	237	238	238	67
175	225	225	225	225	225	22
180	224	224	224	224	224	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	728.5	25.0	
Direct: Peak Candela & Angle (90deg)	951.1	27.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.50	1.62	N/A
Indirect: Peak Candela & Angle	565.0	112.5	
Indirect: Zenith Candela, Peak to Zenith	224.0	2.52	
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	1.409	
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	39.4	0.329	5.4 0.998
277V: P(W), I(A), THD(%), PF	38.8	0.143	8.8 0.980
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	0	
RCR													
0	109	109	109	109	101	101	101	87	87	87	56		
1	100	95	92	88	93	89	86	77	74	72	48		
2	91	84	78	73	84	78	73	68	64	60	41		
3	83	74	67	61	77	69	63	60	55	51	35		
4	76	66	58	52	71	61	55	54	48	44	30		
5	70	59	51	45	65	55	48	48	42	38	26		
6	65	53	45	39	60	49	42	43	37	33	23		
7	60	48	40	34	56	45	38	39	33	29	21		
8	55	43	35	30	52	41	34	36	30	26	18		
9	52	39	32	27	48	37	30	33	27	23	17		
10	48	36	29	24	45	34	27	30	25	21	15		

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	669	17.0%	17.0%
0-40	1147	29.2%	29.2%
0-60	1875	47.7%	47.7%
0-90	2202	56.1%	56.1%
90-130	1120	28.5%	28.5%
90-150	1521	38.7%	38.7%
90-180	1725	43.9%	43.9%
0-180	3927	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	6631	6631	6631
5	6683	6738	6807
15	7119	7643	8153
25	7799	8991	10107
35	8178	9280	10047
45	7366	7424	7444
55	5935	5744	5840
65	4755	4788	5014
75	3169	3328	3433
85	1725	2039	2196

LUMINAIRE SECTION



LEDALITE

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