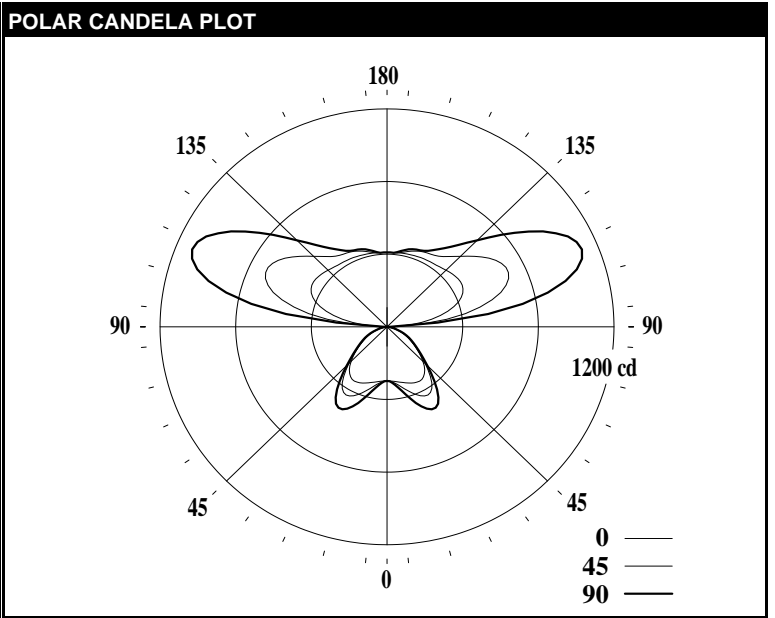


LEDALITE - SYNC

TEST DATE:	18 Sep 2016	CATALOG NO:	7406LCCQN
Lamp Type:	LED	Description:	SYNC STD MID 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4412 lm 100.0%
Input Watts:	120 VAC 39.5	Up/Dn Ratio, Efficacy (lm/W):	75% Up / 25% Dn 111.7
CIE-IES Classification:	Semi-Indirect	Report (Ele, Col, Photo):	ITL88343-THD1 ITL88342-SPH ITL88343

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	298	298	298	298	298	
5	300	301	304	307	309	30
15	317	326	353	378	387	101
25	340	360	419	476	497	193
35	336	357	413	458	474	252
45	268	273	286	296	301	221
55	177	175	177	182	186	161
65	105	105	107	112	114	107
75	43	44	46	47	48	50
85	8	9	10	10	10	11
90	0	0	0	0	0	
95	123	141	190	250	269	217
105	333	391	575	843	977	637
115	442	508	708	976	1106	727
125	460	509	659	833	915	602
135	441	477	549	638	674	433
145	426	450	475	514	529	303
155	421	430	455	460	462	207
165	415	413	430	439	442	122
175	411	411	410	409	409	39
180	410	410	410	410	410	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	345.0	30.0	
Direct: Peak Candela & Angle (90deg)	514.0	30.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.62	1.78	N/A
Indirect: Peak Candela & Angle	1115.0	112.5	
Indirect: Zenith Candela, Peak to Zenith	410.0	2.72	
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	1.000	
DesignLights Consortium		N/A	
x, y, CCT, Duv	0.4338	0.4031	3045 0.0000
CRI (Ra), R9		84	10
120V: P(W), I(A), THD(%), PF	39.5	0.330	5.4 0.998
277V: P(W), I(A), THD(%), PF	38.9	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	101	101	101	101	90	90	90	70	70	70	25	
	1	93	88	85	81	82	79	76	61	59	57	22	
	2	84	77	72	67	75	69	64	54	51	48	19	
	3	77	68	61	56	68	61	55	47	43	40	16	
	4	70	60	53	47	62	54	47	42	38	34	14	
	5	64	53	46	40	57	48	41	38	33	29	12	
	6	59	48	40	34	53	43	36	34	29	25	10	
	7	55	43	35	30	48	39	32	30	26	22	9	
	8	50	39	31	26	45	35	28	28	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	7	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	323	7.3%	7.3%
0-40	575	13.0%	13.0%
0-60	957	21.7%	21.7%
0-90	1125	25.5%	25.5%
90-130	2183	49.5%	49.5%
90-150	2919	66.2%	66.2%
90-180	3287	74.5%	74.5%
0-180	4412	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2891	2891	2891
5	2922	2961	3010
15	3184	3546	3888
25	3640	4486	5321
35	3980	4892	5615
45	3678	3925	4130
55	2994	2994	3146
65	2411	2457	2617
75	1612	1725	1799
85	891	1113	1113

LUMINAIRE SECTION	



LEDALITE

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