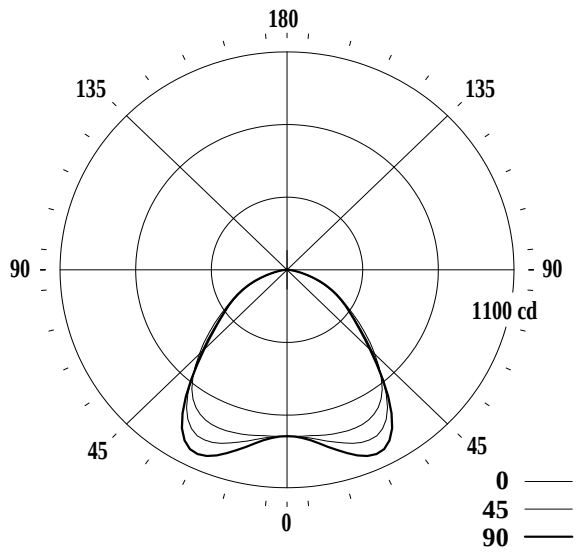
LEDALITE - SYNC

TEST DATE:	23 Sep 2016	**CATALOG NO:**	**7406LCEQJ**
Lamp Type:	LED	**Description:**	SYNC 100%DN LO 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2457 lm 100.0%
Input Watts:	120 VAC 28.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 86.2
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ITL88342-THD1 ITL88342-SPH ITL88349

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	840	840	840	840	840	
5	843	843	847	851	852	82
15	858	865	900	933	942	256
25	862	878	947	1005	1026	434
35	795	805	849	879	883	522
45	601	593	585	575	569	453
55	391	383	372	369	369	339
65	232	229	230	233	238	229
75	96	97	98	100	101	107
85	18	19	21	21	21	25
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)			864.0	20.0
Direct: Peak Candela & Angle (90deg)			1026.0	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.44	1.50	N/A
Indirect: Peak Candela & Angle			3.0	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	1.000
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	28.5	0.239	8.0	0.994
277V: P(W), I(A), THD(%), PF	28.5	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	771	31.4%	31.4%
0-40	1292	52.6%	52.6%
0-60	2085	84.8%	84.8%
0-90	2445	99.5%	99.5%
90-130	7	0.3%	0.3%
90-150	10	0.4%	0.4%
90-180	12	0.5%	0.5%
0-180	2457	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	8150	8150	8150
5	8211	8250	8298
15	8619	9041	9463
25	9229	10139	10984
35	9417	10056	10459
45	8247	8027	7808
55	6614	6293	6242
65	5327	5281	5464
75	3599	3674	3786
85	2004	2338	2338

LUMINAIRE SECTION

LEDALITE

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