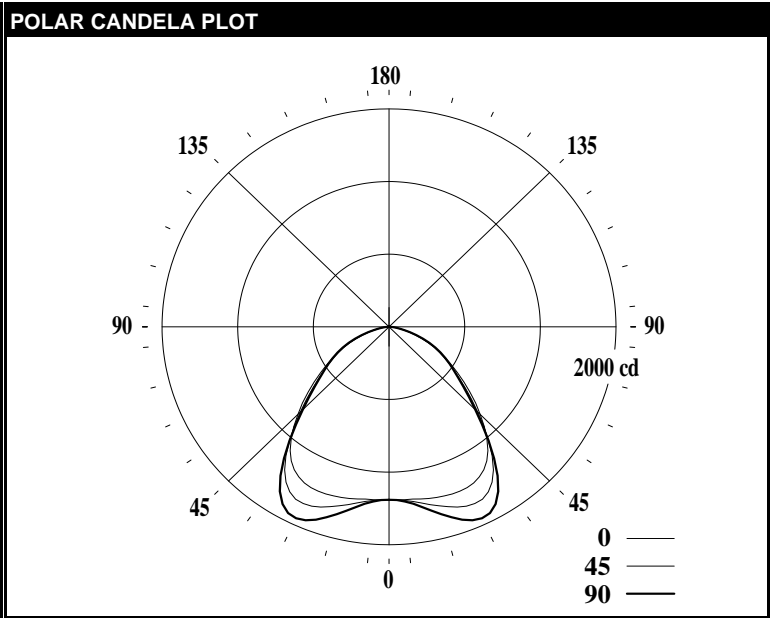


LEDALITE - SYNC

TEST DATE: 09 Jan 2019		CATALOG NO: 7406LCAQJ	
Lamp Type: LED		Description: SYNC 100%DN HI 830	
No. of Lamps: 176			
Rated Lamp Lumens: -1		Flux (lm), Efficiency (%): 4641 lm 100.0%	
Input Watts: 120 VAC 56.9		Up/Dn Ratio, Efficacy (lm/W): 0% Up / 100% Dn 81.6	
CIE-IES Classification: Direct		Report (Ele, Col, Photo): ITL88344-THD1 ITL88342-SPH S88349-2	

CANDELA DISTRIBUTION							Flux
	0	22.5	45	67.5	90		Lumens
0	1587	1587	1587	1587	1587		
5	1592	1592	1600	1608	1609		154
15	1621	1634	1700	1762	1779		483
25	1628	1659	1789	1898	1938		819
35	1502	1521	1604	1660	1668		985
45	1135	1120	1105	1086	1075		856
55	739	724	703	697	697		640
65	438	433	435	440	450		432
75	181	183	185	189	191		202
85	34	36	40	40	40		46
90	0	0	0	0	0		
95	2	2	2	2	0		2
105	2	4	4	6	2		4
115	4	4	6	4	4		4
125	4	6	4	4	4		4
135	4	4	4	6	6		3
145	4	4	4	6	6		3
155	4	4	4	4	6		2
165	4	4	4	2	4		1
175	2	2	2	2	2		0
180	2	2	2	2	2		



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1632.1	20.0	
Direct: Peak Candela & Angle (90deg)	1938.1	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.44	1.50	N/A
Indirect: Peak Candela & Angle	5.7	132.5	
Indirect: Zenith Candela, Peak to Zenith	1.9	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	1.889	
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	56.9	0.477	9.4 0.995
277V: P(W), I(A), THD(%), PF	56.4	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	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	1456	31.4%	31.4%
0-40	2441	52.6%	52.6%
0-60	3938	84.8%	84.8%
0-90	4619	99.5%	99.5%
90-130	14	0.3%	0.3%
90-150	20	0.4%	0.4%
90-180	23	0.5%	0.5%
0-180	4641	100.0%	100.0%

LUMINAIRE SECTION			
AVG LUMINANCE (cd/m ²)			
	0	45	90
0	15396	15396	15396
5	15510	15584	15676
15	16281	17078	17875
25	17433	19152	20749
35	17788	18997	19757
45	15578	15164	14749
55	12495	11887	11792
65	10062	9975	10322
75	6798	6940	7153
85	3785	4416	4416



LEDALITE

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