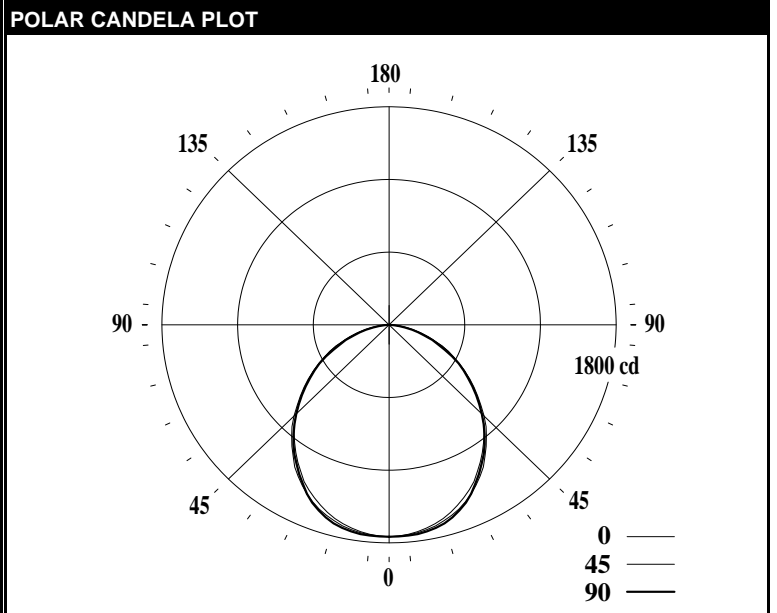


LEDALITE - SHINE

TEST DATE:	18 Oct 2019	CATALOG NO:	3324x1STL84045AxDE
Lamp Type:	LED	Description:	SHINE 2X4 4500LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4567 lm 100.0%
Input Watts:	120 VAC 33.3	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 137.1
CIE-IES Classification:	Direct	Report:	LNG00406

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1749	1749	1749	1749	1749	
5	1736	1740	1741	1746	1746	166
15	1656	1669	1675	1702	1697	474
25	1504	1534	1541	1556	1540	708
35	1289	1344	1325	1337	1308	829
45	1040	1082	1065	1074	1040	822
55	773	815	783	806	764	707
65	520	545	517	517	487	514
75	266	282	252	261	240	279
85	63	67	49	57	38	69
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1749.1		0.0
Direct: Peak Candela & Angle (90deg)	1749.1		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.19	1.21	N/A
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	
Luminous Length, Width, Height (ft)	3.90	1.91	0.00
UGR (4H x 8H, 0.25H)			N/A
Ballast Factor, Multiplication Factor	1.000	1.000	
DLC (120/277), DLC (347)	premium	premium	
x, y, CCT, Duv	0.3794	0.3781	4040 0.0010
CRI (Ra), R9			82 10
120V: P(W), I(A), THD(%), PF	33.3	0.279	6.0 0.995
277V: P(W), I(A), THD(%), PF	33.2	0.125	8.7 0.958
347V: P(W), I(A), THD(%), PF	33.9	0.101	7.1 0.967

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	109	105	100	97	106	102	99	98	95	92	85	
	2	100	92	85	79	97	90	84	86	81	77	71	
	3	91	81	73	66	89	79	72	76	70	65	60	
	4	83	72	63	57	81	70	62	68	61	55	52	
	5	77	64	55	49	75	63	55	61	54	48	45	
	6	71	58	49	43	69	57	49	55	48	42	39	
	7	66	53	44	38	64	52	44	50	43	38	35	
	8	61	48	40	34	60	47	39	46	39	34	31	
	9	57	44	36	31	56	44	36	42	35	30	28	
	10	54	41	33	28	53	40	33	39	32	28	26	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1348	29.5%	29.5%
0-40	2177	47.7%	47.7%
0-60	3706	81.1%	81.1%
0-90	4567	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	4567	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2527	2527	2527
5	2517	2524	2532
15	2476	2505	2537
25	2397	2455	2454
35	2272	2336	2306
45	2125	2176	2125
55	1947	1972	1925
65	1776	1768	1664
75	1487	1404	1341
85	1039	814	628

LUMINAIRE SECTION	



LEDALITE

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