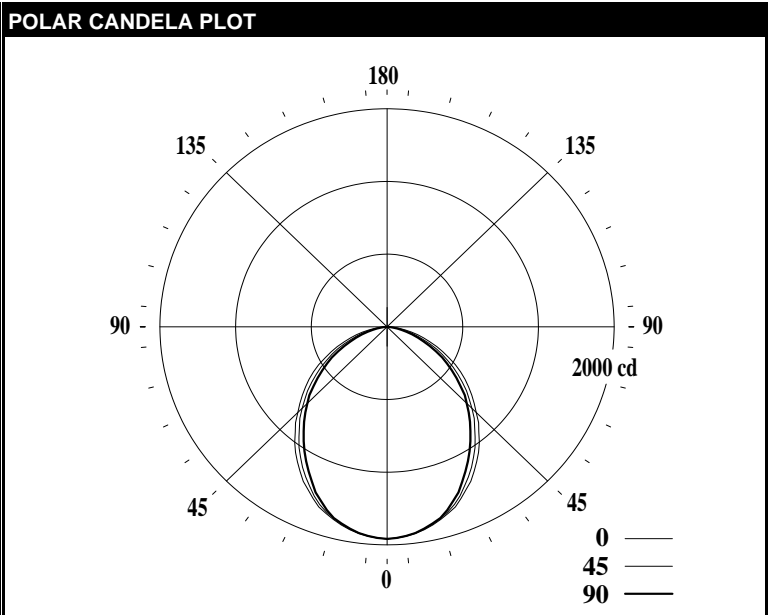


LEDALITE - SHINE

TEST DATE:	18 Oct 2019	CATALOG NO:	3314x1STL85045AxDE
Lamp Type:	LED	Description:	SHINE 1X4 4500LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4601 lm 100.0%
Input Watts:	120 VAC 41.6	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 110.6
CIE-IES Classification:	Direct	Report:	LNG00371

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1945	1945	1945	1945	1945	
5	1928	1932	1925	1929	1925	183
15	1829	1839	1819	1825	1815	514
25	1647	1664	1613	1602	1567	747
35	1405	1426	1351	1325	1280	851
45	1111	1130	1057	1013	993	824
55	839	838	762	745	696	695
65	544	543	482	453	414	485
75	280	281	223	192	176	247
85	64	64	37	39	30	57
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)	1945.2	0.0	
Direct: Peak Candela & Angle (90deg)	1945.2	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.18	1.11	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	0.91	0.00
UGR (4H x 8H, 0.25H)			N/A
Ballast Factor, Multiplication Factor	1.000	1.000	
DLC (120/277), DLC (347)	standard	standard	
x, y, CCT, Duv	0.3425	0.3523	5101 0.0014
CRI (Ra), R9		82	13
120V: P(W), I(A), THD(%), PF	41.6	0.349	7.5 0.994
277V: P(W), I(A), THD(%), PF	41.5	0.158	9.8 0.947
347V: P(W), I(A), THD(%), PF	41.3	0.123	7.4 0.971

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	105	101	97	107	103	99	99	96	93	85		
2	100	92	86	81	98	91	85	87	82	78	72		
3	92	82	74	68	89	80	73	77	71	66	62		
4	84	73	64	58	82	72	64	69	62	57	53		
5	78	65	57	50	76	64	56	62	55	50	46		
6	72	59	50	44	70	58	50	56	49	44	41		
7	67	54	45	39	65	53	45	51	44	39	36		
8	62	49	41	35	61	49	41	47	40	35	33		
9	58	45	37	32	57	45	37	44	37	32	30		
10	55	42	34	29	54	41	34	40	34	29	27		

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1444	31.4%	31.4%
0-40	2294	49.9%	49.9%
0-60	3813	82.9%	82.9%
0-90	4601	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	4601	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5898	5898	5898
5	5869	5860	5860
15	5739	5709	5697
25	5510	5397	5241
35	5201	5001	4738
45	4764	4533	4257
55	4434	4027	3679
65	3900	3459	2973
75	3276	2610	2064
85	2223	1287	1047

LUMINAIRE SECTION	



LEDALITE

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