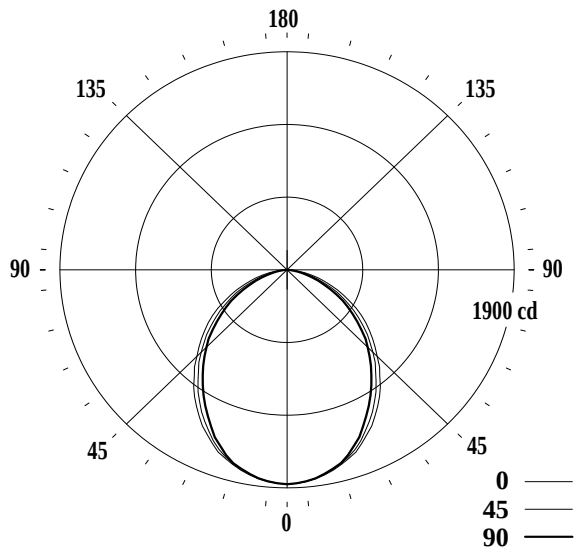
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL93545AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 4500LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4419 lm 100.0%
Input Watts:	120 VAC 53.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 83.2
CIE-IES Classification:	Direct	**Report:**	LNG00377

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1868	1868	1868	1868	1868	
5	1852	1855	1849	1853	1849	176
15	1756	1766	1747	1752	1743	494
25	1582	1598	1549	1539	1505	718
35	1349	1369	1298	1273	1229	817
45	1067	1085	1015	973	954	791
55	806	804	732	715	669	667
65	522	521	463	435	398	466
75	269	270	214	184	169	237
85	61	61	36	37	29	55
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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1868.1	0.0
Direct: Peak Candela & Angle (90deg)			1868.1	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)			N/A	N/A
x, y, CCT ,Duv	0.4064	0.3901	3471	0.0005
CRI (Ra), R9			92	77
120V: P(W), I(A), THD(%), PF	53.1	0.444	5.8	0.998
277V: P(W), I(A), THD(%), PF	52.8	0.198	8.2	0.963
347V: P(W), I(A), THD(%), PF	52.3	0.154	5.6	0.980

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	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	1387	31.4%	31.4%
0-40	2204	49.9%	49.9%
0-60	3662	82.9%	82.9%
0-90	4419	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	4419	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5664	5664	5664
5	5636	5628	5628
15	5512	5482	5471
25	5292	5183	5033
35	4994	4803	4550
45	4575	4354	4088
55	4258	3868	3534
65	3746	3322	2855
75	3148	2507	1982
85	2132	1235	1005

LUMINAIRE SECTION

LEDALITE

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