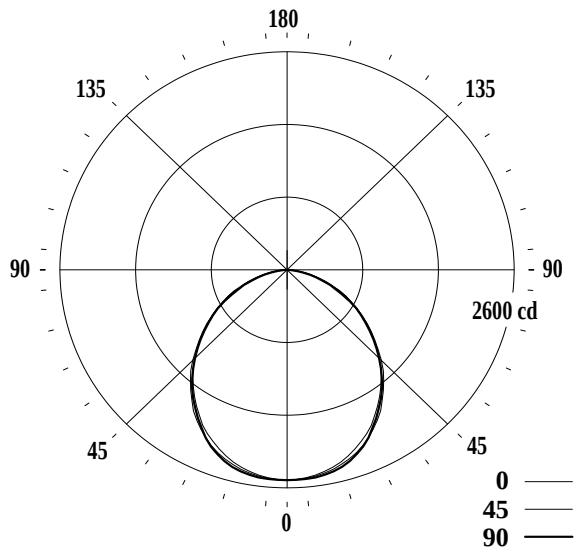
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL93565AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 6500LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6546 lm 100.0%
Input Watts:	120 VAC 64.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 102.0
CIE-IES Classification:	Direct	**Report:**	LNG00428

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2507	2507	2507	2507	2507	
5	2488	2494	2495	2503	2503	237
15	2374	2393	2401	2440	2432	679
25	2156	2199	2208	2231	2207	1015
35	1847	1926	1899	1916	1875	1188
45	1491	1550	1527	1539	1491	1178
55	1108	1168	1122	1156	1096	1014
65	745	782	742	740	698	736
75	382	404	361	374	344	399
85	90	97	70	82	54	99
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)			2507.1	0.0
Direct: Peak Candela & Angle (90deg)			2507.1	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)			standard	standard
x, y, CCT ,Duv	0.4078	0.3915	3452	0.0002
CRI (Ra), R9			94	76
120V: P(W), I(A), THD(%), PF	64.2	0.537	8.1	0.996
277V: P(W), I(A), THD(%), PF	63.4	0.232	9.4	0.988
347V: P(W), I(A), THD(%), PF	63.3	0.187	9.0	0.978

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	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	1932	29.5%	29.5%
0-40	3120	47.7%	47.7%
0-60	5312	81.1%	81.1%
0-90	6546	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	6546	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3621	3621	3621
5	3608	3618	3630
15	3550	3590	3637
25	3436	3519	3518
35	3257	3349	3306
45	3046	3119	3045
55	2791	2826	2759
65	2545	2534	2385
75	2131	2013	1922
85	1488	1167	902

LUMINAIRE SECTION

LEDALITE

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