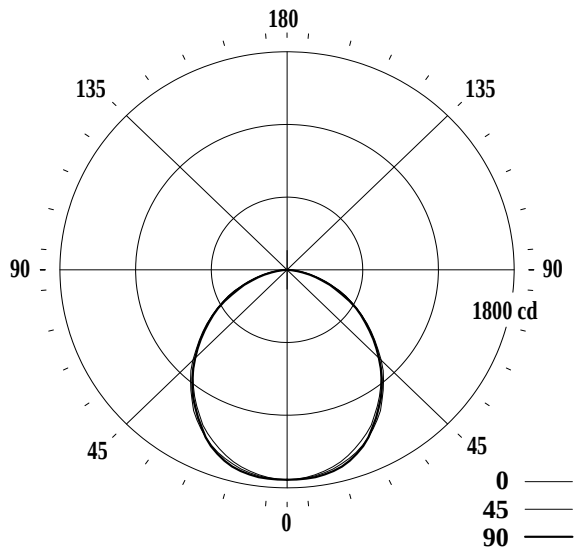
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL85045AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 4500LM 850
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4525 lm 100.0%
Input Watts:	120 VAC 33.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 135.9
CIE-IES Classification:	Direct	**Report:**	LNG00415

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1733	1733	1733	1733	1733	
5	1720	1724	1725	1730	1730	164
15	1641	1654	1660	1686	1681	470
25	1490	1520	1526	1542	1526	702
35	1277	1331	1313	1325	1296	822
45	1031	1072	1055	1064	1031	814
55	766	807	776	799	757	701
65	515	540	513	512	482	509
75	264	279	249	259	238	276
85	62	67	49	56	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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1733.0	0.0
Direct: Peak Candela & Angle (90deg)			1733.0	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	0.3408	0.3499	5165	0.0009
CRI (Ra), R9			82	13
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
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	1335	29.5%	29.5%
0-40	2157	47.7%	47.7%
0-60	3671	81.1%	81.1%
0-90	4525	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	4525	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2503	2503	2503
5	2494	2501	2509
15	2454	2482	2514
25	2375	2433	2432
35	2251	2315	2285
45	2106	2156	2105
55	1930	1954	1907
65	1759	1752	1649
75	1473	1391	1329
85	1029	805	623

LUMINAIRE SECTION

LEDALITE

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