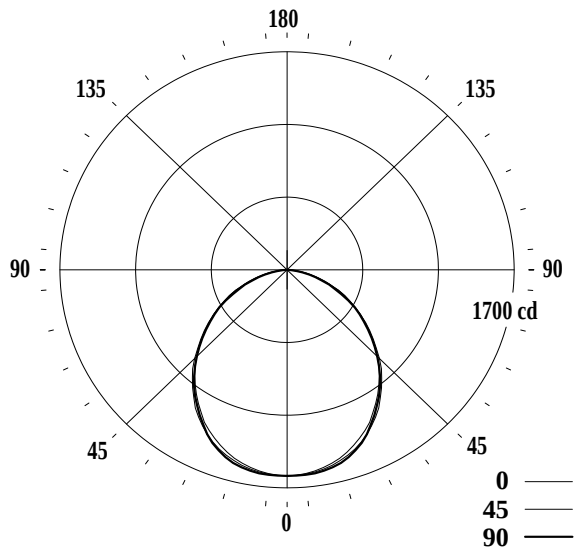
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL82745AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 4500LM 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4195 lm 100.0%
Input Watts:	120 VAC 33.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 126.0
CIE-IES Classification:	Direct	**Report:**	LNG00379

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1607	1607	1607	1607	1607	
5	1595	1598	1599	1604	1604	152
15	1521	1533	1538	1563	1558	435
25	1381	1409	1415	1429	1414	650
35	1184	1234	1217	1228	1201	762
45	956	994	978	986	955	755
55	710	748	719	741	702	650
65	477	501	475	474	447	472
75	245	259	231	240	221	256
85	58	62	45	52	35	64
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)			1606.5	0.0
Direct: Peak Candela & Angle (90deg)			1606.5	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	0.4554	0.4074	2737	0.0008
CRI (Ra), R9			82	6
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	1238	29.5%	29.5%
0-40	1999	47.7%	47.7%
0-60	3404	81.1%	81.1%
0-90	4195	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	4195	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2321	2321	2321
5	2312	2319	2326
15	2274	2301	2331
25	2202	2255	2254
35	2087	2146	2118
45	1952	1999	1952
55	1789	1811	1768
65	1631	1624	1529
75	1366	1290	1232
85	955	747	578

LUMINAIRE SECTION

LEDALITE

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