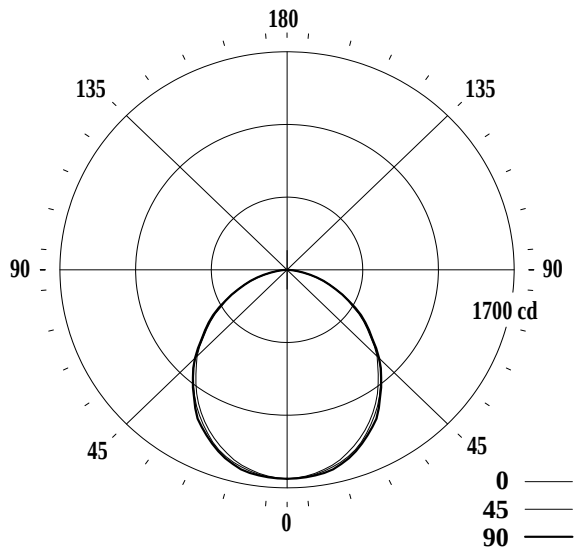
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL82745AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 4500LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4168 lm 100.0%
Input Watts:	120 VAC 37.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 110.9
CIE-IES Classification:	Direct	**Report:**	LNG00311

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1629	1629	1629	1629	1629	
5	1615	1620	1620	1626	1623	154
15	1534	1548	1552	1578	1567	439
25	1380	1417	1406	1441	1425	653
35	1179	1224	1206	1229	1213	759
45	953	985	973	995	974	752
55	700	721	709	731	716	641
65	455	467	458	477	456	460
75	222	237	228	242	232	249
85	46	56	47	53	44	62
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)			1628.8	0.0
Direct: Peak Candela & Angle (90deg)			1628.8	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.18	1.22	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)		1.90	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	0.4559	0.4075	2732	0.0008
CRI (Ra), R9			82	6
120V: P(W), I(A), THD(%), PF	37.6	0.314	6.0	0.997
277V: P(W), I(A), THD(%), PF	37.1	0.139	8.6	0.967
347V: P(W), I(A), THD(%), PF	37.9	0.112	6.5	0.972

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	101	97	107	102	99	98	95	92	85
2	100	92	85	80	97	90	84	86	81	77	71
3	91	81	73	67	89	79	72	76	70	65	61
4	84	72	63	57	81	71	63	68	61	56	52
5	77	64	56	49	75	63	55	61	54	48	45
6	71	58	49	43	69	57	49	55	48	43	40
7	66	53	44	38	64	52	44	51	43	38	35
8	62	48	40	34	60	48	40	46	39	34	32
9	58	44	36	31	56	44	36	43	36	31	29
10	54	41	33	28	53	41	33	40	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1246	29.9%	29.9%
0-40	2005	48.1%	48.1%
0-60	3398	81.5%	81.5%
0-90	4168	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	4168	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4829	4829	4829
5	4806	4820	4832
15	4708	4765	4811
25	4515	4601	4661
35	4269	4367	4392
45	3996	4081	4085
55	3616	3665	3701
65	3193	3212	3202
75	2539	2609	2652
85	1572	1602	1480

LUMINAIRE SECTION

LEDALITE

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