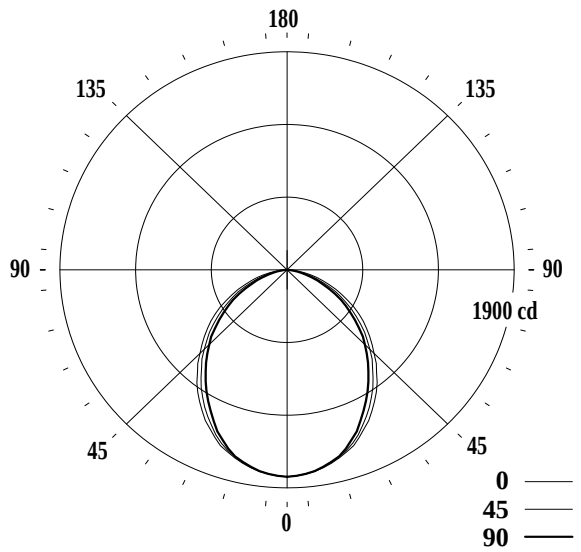
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL82745AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 4500LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4265 lm 100.0%
Input Watts:	120 VAC 41.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 102.5
CIE-IES Classification:	Direct	**Report:**	LNG00347

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1803	1803	1803	1803	1803	
5	1788	1791	1785	1788	1785	170
15	1695	1705	1686	1692	1683	476
25	1527	1542	1496	1485	1452	693
35	1303	1322	1253	1229	1187	789
45	1030	1047	980	939	920	764
55	778	776	706	691	645	644
65	504	503	447	420	384	449
75	259	260	207	178	163	229
85	59	59	34	36	28	53
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)			1803.3	0.0
Direct: Peak Candela & Angle (90deg)			1803.3	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)			standard	standard
x, y, CCT ,Duv	0.4542	0.4073	2755	0.0007
CRI (Ra), R9			82	6
120V: P(W), I(A), THD(%), PF	41.6	0.349	7.5	0.994
277V: P(W), I(A), THD(%), PF	41.5	0.158	9.8	0.947
347V: P(W), I(A), THD(%), PF	41.3	0.123	7.4	0.971

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	1339	31.4%	31.4%
0-40	2127	49.9%	49.9%
0-60	3535	82.9%	82.9%
0-90	4265	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	4265	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5467	5467	5467
5	5441	5432	5432
15	5321	5292	5281
25	5108	5003	4858
35	4821	4636	4392
45	4416	4203	3946
55	4110	3733	3411
65	3616	3207	2756
75	3037	2420	1913
85	2059	1193	971

LUMINAIRE SECTION

LEDALITE

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