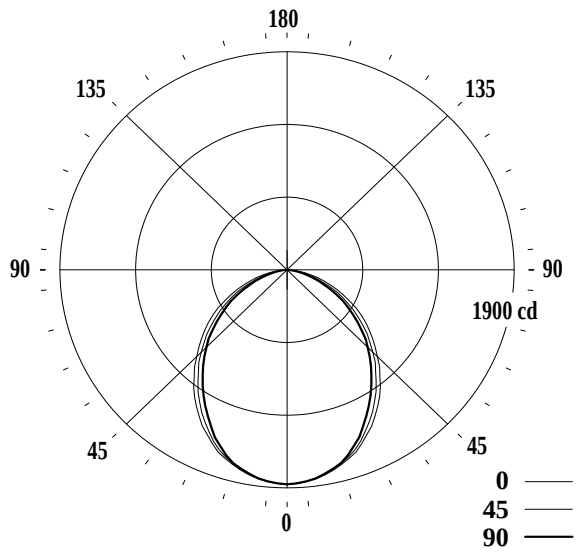
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL83045AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 4500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4421 lm 100.0%
Input Watts:	120 VAC 41.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 106.3
CIE-IES Classification:	Direct	**Report:**	LNG00353

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1869	1869	1869	1869	1869	
5	1853	1856	1850	1854	1850	176
15	1757	1767	1747	1753	1744	494
25	1582	1598	1550	1539	1505	718
35	1350	1370	1298	1273	1230	817
45	1068	1086	1016	974	954	792
55	806	805	732	716	669	667
65	522	521	463	435	398	466
75	269	270	214	184	169	237
85	61	61	36	37	29	55
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)			1868.9	0.0
Direct: Peak Candela & Angle (90deg)			1868.9	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	0.4288	0.4004	3112	0.0003
CRI (Ra), R9			83	11
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	1387	31.4%	31.4%
0-40	2204	49.9%	49.9%
0-60	3663	82.9%	82.9%
0-90	4421	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	4421	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5666	5666	5666
5	5639	5630	5630
15	5514	5484	5473
25	5294	5185	5035
35	4996	4805	4552
45	4577	4355	4090
55	4260	3870	3535
65	3748	3324	2856
75	3149	2508	1982
85	2136	1235	1005

LUMINAIRE SECTION

LEDALITE

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