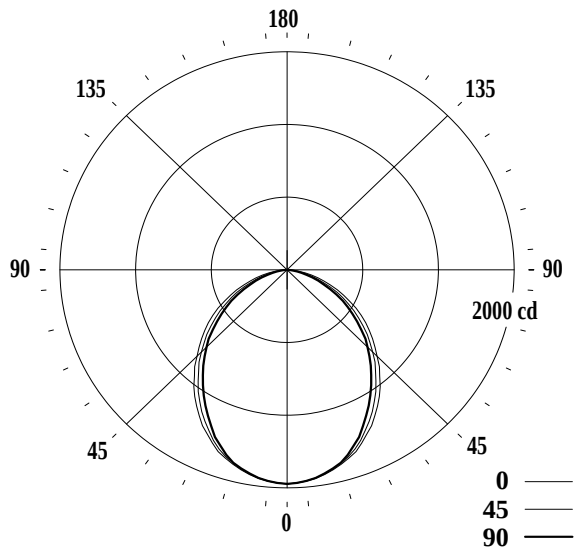
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL84045AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 4500LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4644 lm 100.0%
Input Watts:	120 VAC 41.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 111.6
CIE-IES Classification:	Direct	**Report:**	LNG00365

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1963	1963	1963	1963	1963	
5	1946	1950	1943	1947	1943	185
15	1846	1856	1836	1842	1832	519
25	1662	1679	1628	1617	1581	754
35	1418	1439	1364	1338	1292	858
45	1121	1140	1067	1023	1002	832
55	847	845	769	752	703	701
65	549	548	487	457	418	489
75	282	283	225	194	178	249
85	65	64	37	39	30	58
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)			1963.3	0.0
Direct: Peak Candela & Angle (90deg)			1963.3	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	0.3794	0.3781	4040	0.0010
CRI (Ra), R9			82	10
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	1457	31.4%	31.4%
0-40	2316	49.9%	49.9%
0-60	3848	82.9%	82.9%
0-90	4644	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	4644	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5952	5952	5952
5	5923	5914	5914
15	5793	5762	5750
25	5561	5447	5289
35	5249	5048	4782
45	4808	4575	4297
55	4475	4065	3714
65	3936	3492	3000
75	3307	2635	2083
85	2244	1298	1054

LUMINAIRE SECTION

LEDALITE

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