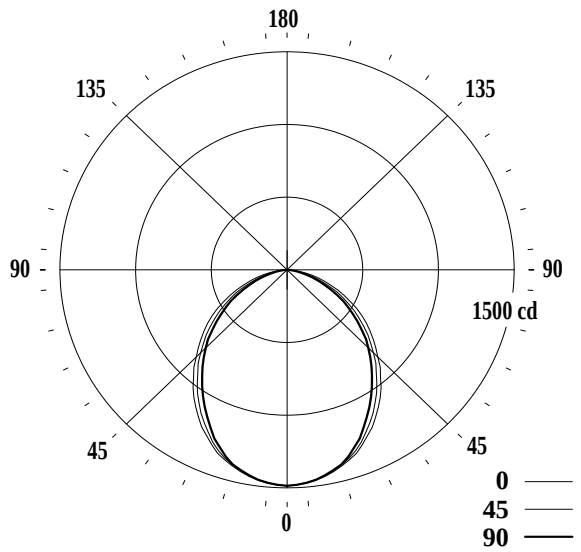
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL83535AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 3500LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3514 lm 100.0%
Input Watts:	120 VAC 31.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 113.0
CIE-IES Classification:	Direct	**Report:**	LNG00357

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1486	1486	1486	1486	1486	
5	1473	1476	1471	1474	1471	140
15	1397	1405	1389	1394	1386	393
25	1258	1271	1232	1224	1197	571
35	1073	1089	1032	1012	978	650
45	849	863	808	774	758	629
55	641	640	582	569	532	531
65	415	414	368	346	317	370
75	214	214	170	147	135	188
85	49	49	28	30	23	44
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)			1485.7	0.0
Direct: Peak Candela & Angle (90deg)			1485.7	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)				20.3
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			standard	standard
x, y, CCT ,Duv	0.4061	0.3934	3505	0.0010
CRI (Ra), R9			82	9
120V: P(W), I(A), THD(%), PF	31.1	0.260	8.1	0.994
277V: P(W), I(A), THD(%), PF	31.0	0.118	8.9	0.951
347V: P(W), I(A), THD(%), PF	31.7	0.095	7.5	0.962

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	1103	31.4%	31.4%
0-40	1752	49.9%	49.9%
0-60	2912	82.9%	82.9%
0-90	3514	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	3514	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4504	4504	4504
5	4483	4476	4476
15	4384	4360	4351
25	4208	4122	4003
35	3972	3820	3619
45	3639	3463	3251
55	3387	3076	2810
65	2979	2642	2271
75	2503	1994	1576
85	1698	981	800

LUMINAIRE SECTION

LEDALITE

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