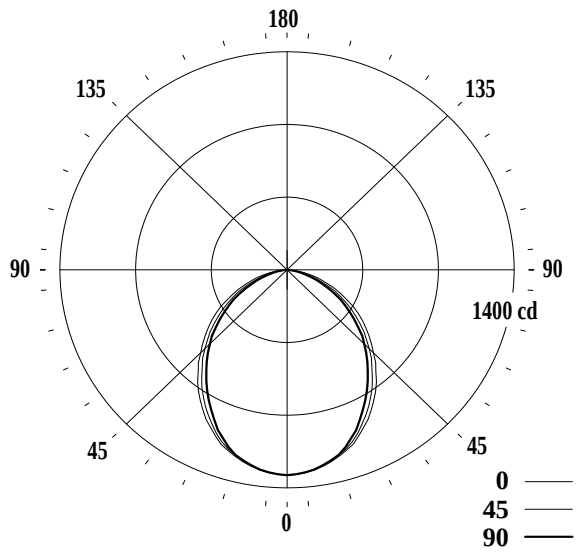
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL84030AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 3000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3118 lm 100.0%
Input Watts:	120 VAC 26.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 116.8
CIE-IES Classification:	Direct	**Report:**	LNG00362

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1318	1318	1318	1318	1318	
5	1307	1309	1305	1307	1305	124
15	1239	1246	1232	1237	1230	348
25	1116	1127	1093	1086	1062	506
35	952	966	916	898	868	576
45	753	766	717	687	673	558
55	569	568	516	505	472	471
65	368	368	327	307	281	328
75	190	190	151	130	119	167
85	43	43	25	26	20	39
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)			1318.2	0.0
Direct: Peak Candela & Angle (90deg)			1318.2	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	26.7	0.224	9.6	0.992
277V: P(W), I(A), THD(%), PF	26.6	0.102	9.6	0.937
347V: P(W), I(A), THD(%), PF	27.2	0.082	8.5	0.950

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	979	31.4%	31.4%
0-40	1555	49.9%	49.9%
0-60	2584	82.9%	82.9%
0-90	3118	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	3118	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3997	3997	3997
5	3977	3971	3971
15	3889	3868	3860
25	3734	3657	3551
35	3524	3389	3211
45	3228	3072	2885
55	3005	2729	2493
65	2643	2344	2014
75	2221	1769	1399
85	1506	873	710

LUMINAIRE SECTION

LEDALITE

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