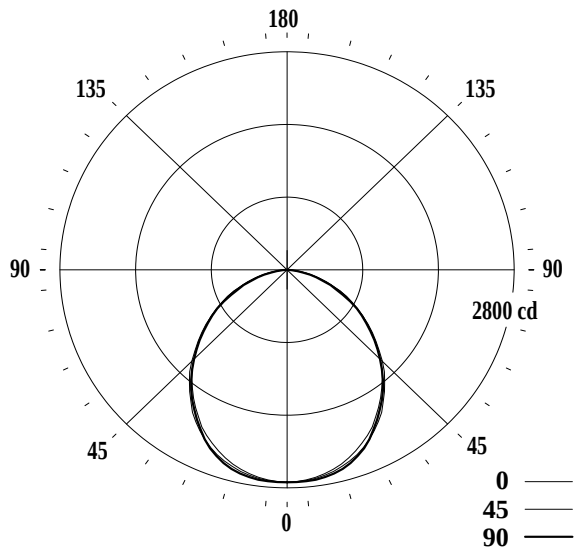
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL84070AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 7000LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	7125 lm 100.0%
Input Watts:	120 VAC 54.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 131.5
CIE-IES Classification:	Direct	**Report:**	LNG00411

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2729	2729	2729	2729	2729	
5	2708	2714	2716	2724	2724	258
15	2583	2604	2613	2655	2647	739
25	2346	2393	2403	2428	2402	1105
35	2010	2096	2067	2086	2040	1294
45	1623	1688	1662	1675	1623	1282
55	1206	1271	1222	1258	1192	1103
65	811	851	807	806	760	801
75	416	439	393	407	375	435
85	98	105	77	89	59	108
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)			2728.7	0.0
Direct: Peak Candela & Angle (90deg)			2728.7	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.19	1.21	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	1.91	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			premium	premium
x, y, CCT ,Duv	0.3794	0.3781	4040	0.0010
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	54.2	0.452	5.7	0.998
277V: P(W), I(A), THD(%), PF	53.9	0.202	8.1	0.964
347V: P(W), I(A), THD(%), PF	53.4	0.157	5.4	0.980

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	109	105	100	97	106	102	99	98	95	92	85
2	100	92	85	79	97	90	84	86	81	77	71
3	91	81	73	66	89	79	72	76	70	65	60
4	83	72	63	57	81	70	62	68	61	55	52
5	77	64	55	49	75	63	55	61	54	48	45
6	71	58	49	43	69	57	49	55	48	42	39
7	66	53	44	38	64	52	44	50	43	38	35
8	61	48	40	34	60	47	39	46	39	34	31
9	57	44	36	31	56	44	36	42	35	30	28
10	54	41	33	28	53	40	33	39	32	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	2102	29.5%	29.5%
0-40	3396	47.7%	47.7%
0-60	5781	81.1%	81.1%
0-90	7125	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	7125	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3942	3942	3942
5	3927	3938	3950
15	3863	3907	3958
25	3740	3830	3829
35	3545	3645	3598
45	3316	3395	3314
55	3038	3076	3003
65	2770	2759	2596
75	2319	2191	2092
85	1621	1270	981

LUMINAIRE SECTION

LEDALITE

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