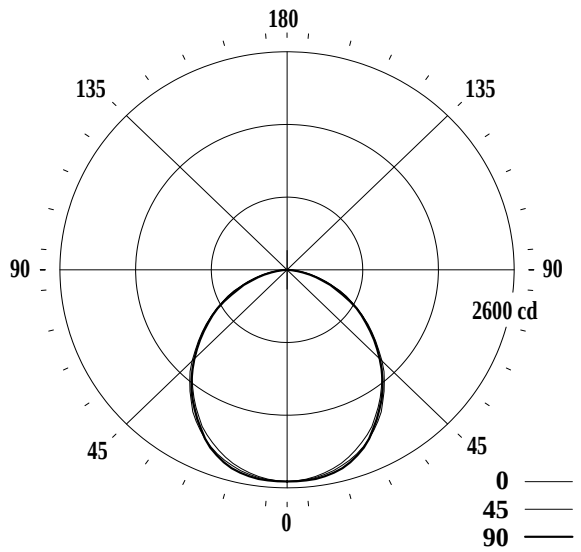
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL84065AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 6500LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6591 lm 100.0%
Input Watts:	120 VAC 49.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 133.2
CIE-IES Classification:	Direct	**Report:**	LNG00410

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2524	2524	2524	2524	2524	
5	2505	2511	2513	2520	2520	239
15	2390	2409	2417	2457	2449	684
25	2171	2214	2223	2246	2222	1022
35	1860	1939	1912	1930	1888	1197
45	1502	1561	1537	1549	1501	1186
55	1116	1176	1130	1164	1103	1021
65	750	787	747	745	703	741
75	384	407	363	377	347	402
85	91	97	71	82	55	100
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)			2524.3	0.0
Direct: Peak Candela & Angle (90deg)			2524.3	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	49.5	0.414	6.3	0.997
277V: P(W), I(A), THD(%), PF	49.3	0.185	8.7	0.959
347V: P(W), I(A), THD(%), PF	48.8	0.144	6.1	0.979

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	1945	29.5%	29.5%
0-40	3142	47.7%	47.7%
0-60	5348	81.1%	81.1%
0-90	6591	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	6591	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3646	3646	3646
5	3633	3643	3654
15	3574	3615	3662
25	3460	3544	3542
35	3279	3372	3329
45	3067	3141	3066
55	2811	2846	2778
65	2563	2552	2401
75	2145	2026	1936
85	1500	1173	908

LUMINAIRE SECTION

LEDALITE

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