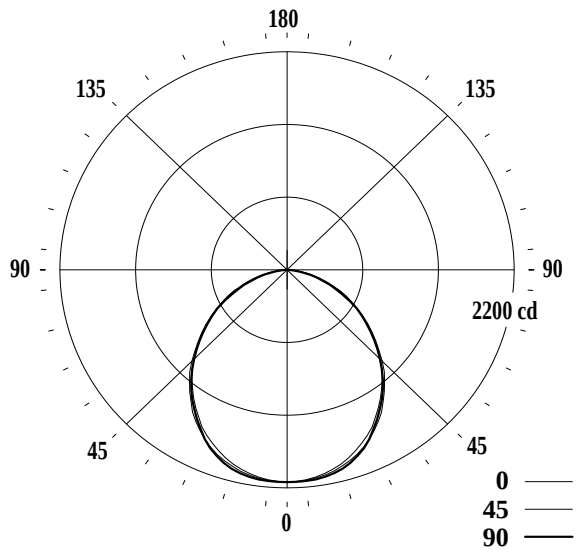
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL84055AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 5500LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5592 lm 100.0%
Input Watts:	120 VAC 41.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 135.4
CIE-IES Classification:	Direct	**Report:**	LNG00408

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2142	2142	2142	2142	2142	
5	2126	2130	2132	2138	2138	203
15	2028	2044	2051	2084	2078	580
25	1842	1878	1886	1905	1885	867
35	1578	1645	1622	1637	1601	1015
45	1274	1324	1304	1315	1274	1006
55	947	997	959	987	936	866
65	636	668	633	632	596	629
75	326	345	308	320	294	341
85	77	82	60	70	47	85
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)			2141.7	0.0
Direct: Peak Candela & Angle (90deg)			2141.7	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	41.3	0.346	7.5	0.994
277V: P(W), I(A), THD(%), PF	41.2	0.157	9.9	0.946
347V: P(W), I(A), THD(%), PF	41.0	0.122	7.4	0.970

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	1650	29.5%	29.5%
0-40	2665	47.7%	47.7%
0-60	4537	81.1%	81.1%
0-90	5592	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	5592	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3094	3094	3094
5	3082	3091	3100
15	3032	3067	3107
25	2935	3006	3005
35	2782	2861	2824
45	2602	2665	2602
55	2385	2414	2357
65	2174	2165	2037
75	1821	1719	1642
85	1271	996	771

LUMINAIRE SECTION

LEDALITE

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