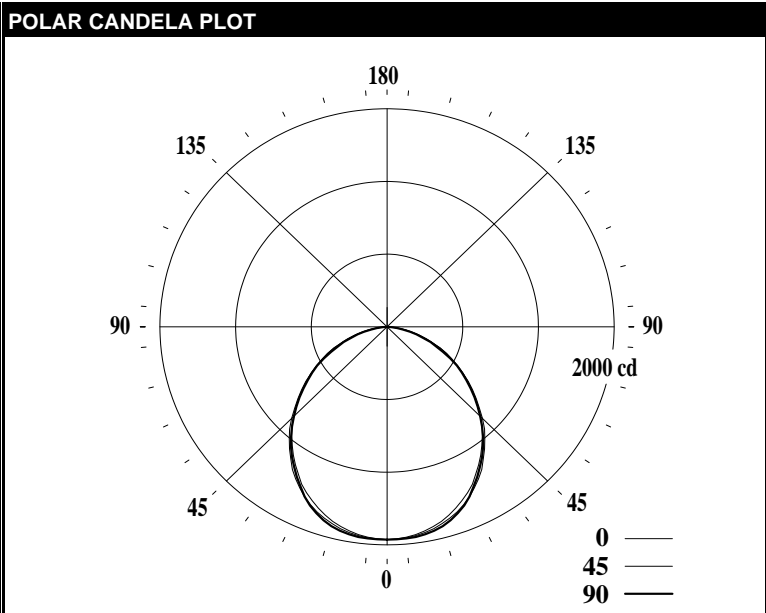


LEDALITE - SHINE

TEST DATE:	18 Oct 2019	CATALOG NO:	3324x1STL84050AxDE
Lamp Type:	LED	Description:	SHINE 2X4 5000LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5096 lm 100.0%
Input Watts:	120 VAC 37.2	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 137.0
CIE-IES Classification:	Direct	Report:	LNG00407

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1952	1952	1952	1952	1952	
5	1937	1941	1943	1948	1949	185
15	1848	1863	1869	1899	1893	529
25	1678	1712	1719	1737	1718	790
35	1438	1500	1478	1492	1460	925
45	1161	1207	1189	1198	1161	917
55	863	909	874	900	853	789
65	580	609	577	576	543	573
75	297	314	281	291	268	311
85	70	75	55	64	42	77
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	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1951.8		0.0
Direct: Peak Candela & Angle (90deg)	1951.8		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	37.2	0.311	6.3 0.997
277V: P(W), I(A), THD(%), PF	37.2	0.139	8.6 0.967
347V: P(W), I(A), THD(%), PF	37.9	0.112	6.5 0.972

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	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	1504	29.5%	29.5%
0-40	2429	47.7%	47.7%
0-60	4135	81.1%	81.1%
0-90	5096	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	5096	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2819	2819	2819
5	2809	2817	2825
15	2763	2795	2831
25	2675	2740	2738
35	2536	2607	2574
45	2372	2428	2371
55	2173	2200	2148
65	1981	1973	1857
75	1659	1567	1497
85	1158	908	701

LUMINAIRE SECTION	



LEDALITE

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