



Filename: 201A48LS24W2400LDMV40K

Manufacturer: SAYLITE-TEXAS FLUORESCENTS REINVENTED

Lamp: LED Module

Lamp Output: Total luminaire Lumens: 2804.5

Max Candela: 1,143.6 at Horizontal: 260°, Vertical: 18°

Input Wattage: 24.2

Luminous Opening: Rectangle w/Luminous Sides (L: 48.03", W: 5.91", H: 4.72")

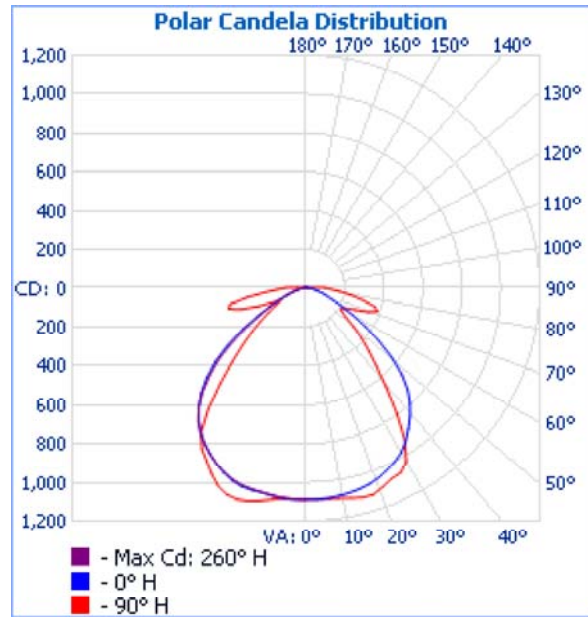
Test: 201A48LS24W2400LDMV40K

Test Date: 28-Jun-2018 08:35:06

Test Lab: Radiant Vision Systems ProSource

Photometry : Type C

Nema Type: 7 X 7

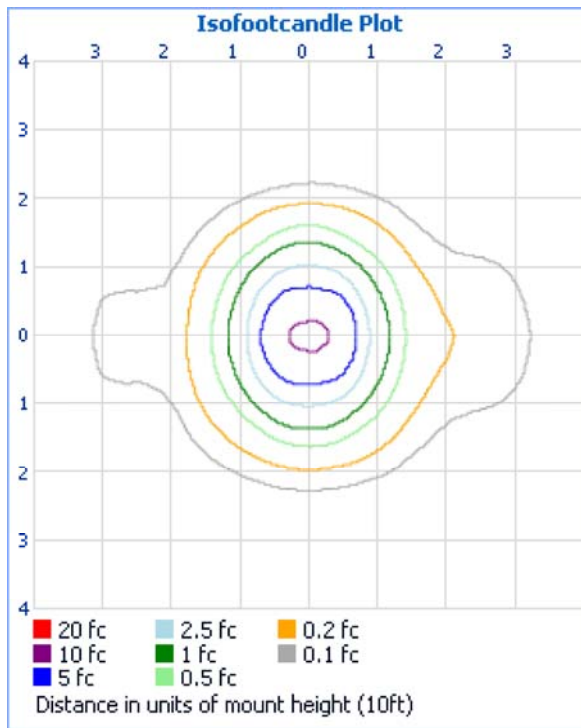


Roadway Summary		
Cutoff Classification:		N/A
Distribution:		Type VS
Max Cd, 90 Deg Vert:		156.1
Max Cd, 80 to <90 Deg:		332.3
	Lumens % Lamp	
Downward Street Side:	1,389.4	49.5%
Downward House Side:	1,388.3	49.5%
Downward Total:	2,777.8	99%
Upward Street Side:	13.2	0.5%
Upward House Side:	14.2	0.5%
Upward Total:	27.4	1%
Total Lumens:	2,805.1	100%

Flood Summary				
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	96.8%	2,715.1	177.8	135.6
Beam (50%):	65.7%	1,842.5	84.9	96.2
Total:	100%	2,804.6		

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	905.0	32.3%
0-40	1,482.7	52.9%
0-60	2,267.2	80.8%
60-90	510.0	18.2%
70-100	357.6	12.8%
90-120	27.4	1%
0-90	2,777.1	99%
90-180	27.4	1%
0-180	2,804.5	100%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	103.9	3.7%	90-100	27.3	1%
10-20	311.3	11.1%	100-110	0.0	0%
20-30	489.8	17.5%	110-120	0	0%
30-40	577.7	20.6%	120-130	0	0%
40-50	486.6	17.3%	130-140	0	0%
50-60	297.9	10.6%	140-150	0	0%
60-70	179.7	6.4%	150-160	0	0%
70-80	190.4	6.8%	160-170	0	0%
80-90	139.9	5.0%	170-180	0	0%



	Center Beam fc	Beam Width	
1.7ft	377 fc	3.8 ft	3.1 ft
3.3ft	100 fc	7.4 ft	6.0 ft
5.0ft	43.6 fc	11.1 ft	9.2 ft
6.7ft	24.3 fc	14.9 ft	12.3 ft
8.3ft	15.8 fc	18.5 ft	15.2 ft
10.0ft	10.9 fc	22.3 ft	18.3 ft

■ Vert. Spread: 96.2°
■ Horiz. Spread: 84.9°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0			
RW %:	70	50	30	0	70	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	.99	1.11	1.11	1.11	1.11	1.06	1.06	1.06	1.06	1.01	1.01	1.01	1.01	1.01	1.01	1.01	.99
1	1.08	1.03	.99	.95	1.05	1.01	.97	.83	.96	.93	.90	.90	.92	.90	.87	.87	.88	.86	.84	.84	.84	.82	.82	.82
2	.99	.91	.84	.79	.96	.89	.83	.71	.85	.80	.76	.76	.82	.78	.74	.74	.79	.75	.72	.72	.70	.70	.70	.70
3	.91	.81	.73	.67	.89	.79	.72	.62	.76	.70	.65	.65	.73	.68	.64	.64	.71	.66	.62	.62	.60	.60	.60	.60
4	.84	.73	.64	.58	.82	.71	.63	.54	.69	.62	.56	.56	.66	.60	.56	.56	.64	.59	.55	.55	.53	.53	.53	.53
5	.78	.66	.57	.51	.76	.64	.56	.48	.62	.55	.50	.50	.60	.54	.49	.49	.58	.53	.48	.48	.46	.46	.46	.46
6	.72	.60	.51	.45	.70	.59	.50	.43	.57	.50	.44	.44	.55	.49	.44	.44	.53	.48	.43	.43	.41	.41	.41	.41
7	.67	.54	.46	.40	.66	.54	.46	.39	.52	.45	.40	.40	.50	.44	.39	.39	.49	.43	.39	.39	.37	.37	.37	.37
8	.63	.50	.42	.36	.61	.49	.41	.35	.48	.41	.36	.36	.46	.40	.35	.35	.45	.39	.35	.35	.33	.33	.33	.33
9	.59	.46	.38	.33	.57	.45	.38	.32	.44	.37	.32	.32	.43	.37	.32	.32	.42	.36	.32	.32	.30	.30	.30	.30
10	.55	.43	.35	.30	.54	.42	.35	.29	.41	.34	.30	.30	.40	.34	.29	.29	.39	.33	.29	.29	.27	.27	.27	.27

Candela Table - Type C

	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	2
0	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089	1089
3	1088	1089	1089	1089	1089	1089	1089	1089	1090	1090	1091	1091	1092	1092	1092	1092	1091	1091	1090	1090	1090	1090	1089
6	1087	1087	1088	1088	1087	1087	1087	1088	1090	1091	1093	1095	1096	1096	1096	1095	1093	1090	1089	1088	1088	1088	1089
9	1082	1085	1088	1090	1089	1088	1088	1090	1092	1095	1097	1099	1100	1100	1099	1096	1092	1086	1082	1080	1081	1084	1084
12	1076	1081	1088	1092	1090	1089	1091	1097	1101	1104	1104	1103	1100	1097	1096	1093	1088	1082	1076	1072	1072	1079	1079
15	1069	1072	1080	1084	1084	1086	1095	1107	1115	1116	1114	1108	1100	1092	1086	1084	1082	1079	1076	1070	1069	1078	1078
18	1058	1058	1061	1071	1076	1084	1098	1113	1119	1117	1115	1111	1104	1090	1077	1073	1071	1073	1073	1069	1067	1079	1079
21	1042	1040	1045	1060	1076	1085	1092	1101	1100	1096	1101	1105	1101	1086	1070	1063	1058	1058	1060	1058	1062	1077	1077
24	1023	1021	1029	1045	1071	1080	1075	1077	1075	1074	1083	1086	1079	1069	1055	1049	1041	1035	1038	1042	1052	1070	1070
27	1002	1000	1008	1023	1050	1058	1054	1061	1063	1065	1069	1062	1050	1042	1035	1027	1010	1007	1013	1022	1033	1055	1055
30	976	971	982	994	1012	1018	1029	1039	1033	1030	1030	1031	1025	1017	1014	997	971	971	985	995	1003	1033	1033

33	938	933	948	961	977	975	981	967	941	929	932	958	983	985	992	970	934	932	955	954	972	1012	1010
36	894	892	904	928	939	915	891	837	804	791	795	836	893	918	946	943	908	889	919	908	946	984	984
39	848	848	860	875	869	818	754	703	668	654	661	703	751	809	861	888	878	842	876	866	915	924	924
42	798	797	803	798	765	689	622	572	549	539	542	571	619	679	752	802	821	789	823	821	862	845	845
45	738	732	726	694	638	559	508	471	460	455	454	471	506	549	625	686	738	733	762	765	784	751	751
48	661	653	636	576	513	452	421	400	391	384	386	399	416	439	504	564	637	666	687	695	689	646	646
51	565	565	524	463	414	372	351	336	324	313	320	335	348	363	406	458	508	579	597	606	563	532	532
54	462	459	427	363	341	311	289	274	259	252	256	276	286	308	331	362	405	465	495	493	452	385	385
57	365	359	332	299	289	261	243	222	220	218	217	226	236	257	277	292	313	357	387	378	340	304	304
60	279	264	255	246	237	214	206	198	208	210	205	200	199	209	229	236	246	269	287	277	255	233	233
63	207	200	205	201	189	180	180	199	220	228	213	200	180	175	183	193	199	201	208	200	199	184	184
66	150	151	153	163	156	160	169	217	258	273	257	221	174	154	148	157	151	149	150	144	146	148	148
69	114	113	119	124	130	146	186	250	314	343	320	268	193	143	126	122	113	108	106	104	108	114	114
72	89	86	93	97	113	143	225	306	362	385	359	318	242	150	116	98	85	78	76	76	80	89	89
75	68	64	70	80	102	154	280	333	356	363	350	337	295	184	112	81	64	56	55	55	59	71	71
78	50	46	55	68	103	202	297	308	302	298	297	307	306	226	123	70	50	41	42	41	45	62	62
81	39	36	46	61	114	222	277	262	241	236	235	255	270	239	141	63	41	29	31	28	35	61	61
84	27	27	33	56	136	220	225	190	178	174	177	188	210	223	162	65	31	21	22	20	25	66	66
87	14	16	23	60	158	178	155	122	129	128	126	134	148	172	167	71	22	11	9	10	19	73	73
90	1	3	12	63	135	118	100	89	96	97	92	94	99	110	129	80	15	2	1	2	14	76	76
93	0	0	7	50	49	43	36	43	36	36	36	45	42	50	58	65	13	1	0	1	16	65	65
96	0	0	0	3	4	3	3	4	4	2	5	5	4	6	7	8	2	0	0	0	2	9	9
99	0	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

