



Filename: DKSMW48LH35W3400LDMV40KWH

Manufacturer: TEXAS FLUORESCENTS

Lamp: LED Module

Lamp Output: Total Luminaire Lumens: 3960.7

Max Candela: 1,140.7 at Horizontal: 90°, Vertical: 3°

Input Wattage: 35.7

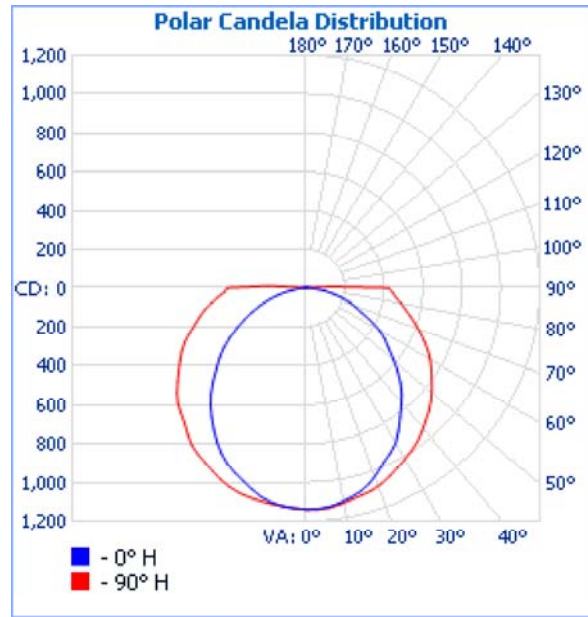
Luminous Opening: Rectangle w/Luminous Sides (L: 46.26", W: 2.13", H: 2.76")

Test: DKSMW48LH35W3400LDMV40KWH

Test Date: 27-Jul-2017 07:06:18

Test Lab: Radiant Vision Systems ProSource

Photometry : Type C



Roadway Summary

Cutoff Classification:	N/A	
Distribution:	TYPE II, VERY SHORT	
Max Cd, 90 Deg Vert:	424.5	
Max Cd, 80 to <90 Deg:	492.7	
	Lumens % Lamp	
Downward Street Side:	1,955.5	49.4%
Downward House Side:	1,929.9	48.7%
Downward Total:	3,885.4	98.1%
Upward Street Side:	36.9	0.9%
Upward House Side:	38.9	1%
Upward Total:	75.8	1.9%
Total Lumens:	3,961.2	100%

Flood Summary

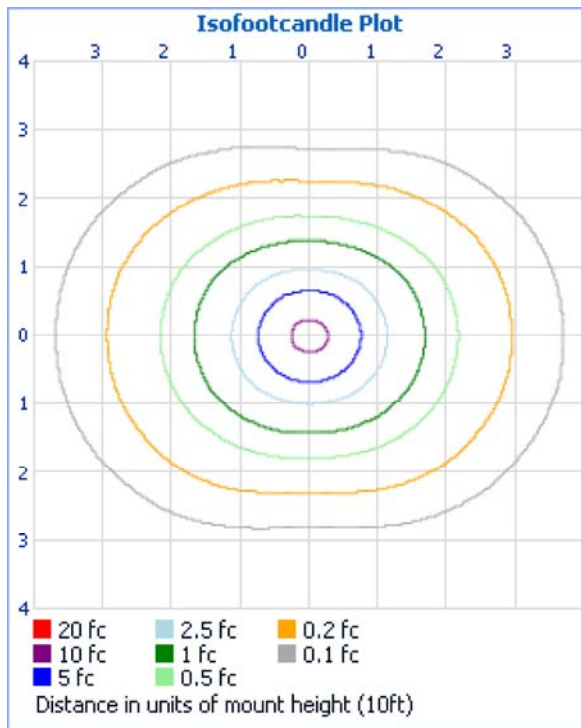
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	99.1%	3,926.4	n/a	158.7
Beam (50%):	71.5%	2,832.8	148.2	102.5
Total:	100%	3,961.0		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	885.4	22.4%
0-40	1,457.1	36.8%
0-60	2,652.9	67%
60-90	1,231.9	31.1%
70-100	794.4	20.1%
90-120	75.9	1.9%
0-90	3,884.8	98.1%
90-180	75.9	1.9%
0-180	3,960.7	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	107.4	2.7%	90-100	75.8	1.9%
10-20	309.4	7.8%	100-110	0.1	0%
20-30	468.5	11.8%	110-120	0	0%
30-40	571.7	14.4%	120-130	0	0%
40-50	610.9	15.4%	130-140	0	0%
50-60	585.0	14.8%	140-150	0	0%
60-70	513.3	13.0%	150-160	0	0%
70-80	412.1	10.4%	160-170	0	0%
80-90	306.5	7.7%	170-180	0	0%



	Center Beam fc	Beam Width	
1.7R	394 fc	4.2 ft	11.9 ft
3.3R	105 fc	8.2 ft	23.2 ft
5.0R	45.5 fc	12.5 ft	35.1 ft
6.7R	25.4 fc	16.7 ft	47.1 ft
8.3R	16.5 fc	20.7 ft	58.3 ft
10.0R	11.4 fc	24.9 ft	70.2 ft

■ Vert. Spread: 102.5°
■ Horiz. Spread: 148.2°

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	50	30	20	50	30	20	0	0	0	0			
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	.98	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98						
1	1.05	.99	.94	.89	1.02	.97	.92	.77	.92	.88	.84	.88	.84	.81	.84	.81	.78	.76						
2	.95	.85	.77	.70	.92	.83	.76	.63	.79	.73	.67	.75	.70	.65	.72	.67	.64	.61						
3	.86	.74	.65	.57	.83	.72	.64	.52	.69	.61	.55	.66	.59	.54	.63	.57	.53	.50						
4	.78	.65	.55	.48	.76	.64	.55	.44	.61	.53	.47	.58	.51	.46	.56	.50	.45	.42						
5	.72	.58	.48	.41	.69	.57	.47	.38	.54	.46	.40	.52	.45	.39	.50	.44	.39	.36						
6	.66	.52	.42	.36	.64	.51	.42	.34	.49	.41	.35	.47	.40	.34	.45	.39	.34	.32						
7	.61	.47	.38	.31	.59	.46	.37	.30	.44	.36	.31	.43	.36	.30	.41	.35	.30	.28						
8	.57	.43	.34	.28	.55	.42	.34	.27	.40	.33	.27	.39	.32	.27	.38	.31	.27	.25						
9	.53	.39	.31	.25	.52	.39	.30	.24	.37	.30	.25	.36	.29	.24	.35	.29	.24	.22						
10	.50	.36	.28	.23	.48	.36	.28	.22	.34	.27	.22	.33	.27	.22	.32	.26	.22	.20						

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
0	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138
3	1138	1138	1137	1138	1138	1138	1139	1140	1140	1141	1141	1140	1139	1138	1137	1137	1136	1135	1135	1135	1134	1135
6	1132	1130	1129	1127	1126	1127	1130	1133	1135	1137	1137	1136	1133	1131	1129	1129	1128	1128	1129	1129	1130	1131
9	1118	1117	1116	1113	1112	1113	1118	1123	1125	1126	1124	1122	1119	1115	1113	1112	1114	1115	1118	1118	1120	1121
12	1101	1102	1103	1103	1104	1106	1112	1115	1114	1113	1111	1108	1106	1103	1101	1097	1096	1097	1100	1100	1102	1106
15	1082	1081	1083	1085	1087	1093	1099	1102	1102	1104	1105	1103	1099	1095	1088	1082	1077	1072	1072	1074	1081	1089
18	1056	1054	1051	1057	1062	1071	1078	1082	1087	1094	1099	1097	1087	1078	1068	1060	1051	1046	1043	1050	1057	1067
21	1018	1022	1024	1032	1043	1053	1061	1066	1072	1078	1082	1080	1065	1050	1039	1029	1020	1017	1018	1025	1031	1040
24	979	991	999	1002	1020	1033	1042	1052	1057	1057	1057	1054	1038	1020	1003	987	983	984	991	994	995	1000
27	951	958	964	968	989	1003	1017	1030	1036	1035	1035	1030	1014	990	969	952	945	951	956	954	952	964
30	919	918	924	931	953	968	990	1002	1012	1014	1016	1009	992	961	937	920	909	913	914	908	911	936

33	872	872	884	893	922	941	967	975	988	994	995	980	967	934	910	892	871	865	869	863	872	912
36	820	826	843	857	891	910	942	951	965	972	967	945	936	899	879	863	829	812	824	817	833	882
39	776	783	801	811	851	873	907	925	940	946	936	915	898	861	837	817	790	761	779	768	797	829
42	734	735	751	768	813	835	874	895	911	918	905	891	864	832	800	765	743	710	730	719	756	780
45	685	684	701	730	777	800	837	868	880	891	875	863	827	806	763	710	685	662	675	672	712	731
48	631	635	660	693	737	765	799	837	851	863	844	831	791	768	726	664	645	616	620	627	661	687
51	574	590	613	648	691	729	768	800	821	830	813	798	761	724	679	630	586	573	572	582	601	653
54	523	540	571	597	646	692	735	766	784	797	780	767	730	687	626	583	537	523	523	533	553	606
57	482	489	523	557	609	649	699	733	750	766	747	732	695	648	587	532	486	474	467	485	504	554
60	437	441	468	511	568	611	663	698	719	736	715	696	657	604	550	485	444	426	410	435	460	502
63	377	391	423	467	526	577	625	662	687	700	683	663	624	564	502	449	410	377	356	384	423	462
66	316	333	375	431	489	543	587	628	651	662	650	630	589	531	462	415	362	323	306	330	374	428
69	272	286	334	391	447	506	551	594	618	625	616	594	552	492	429	371	313	271	257	278	326	379
72	236	250	293	350	411	468	514	559	589	589	584	559	519	454	399	333	272	221	208	230	284	340
75	186	206	251	312	375	437	477	524	556	554	550	526	485	424	363	298	234	177	160	185	243	307
78	136	160	214	278	347	403	446	489	520	521	517	492	450	395	332	267	200	139	114	144	207	276
81	98	124	188	250	321	375	423	465	489	493	489	459	417	361	300	236	168	101	72	105	175	244
84	62	96	157	219	288	343	396	441	456	463	464	428	394	335	272	214	137	76	41	78	145	215
87	32	72	135	192	264	317	362	403	422	444	433	399	360	311	250	183	112	57	16	55	118	179
90	15	54	114	168	235	280	333	366	399	424	396	369	337	280	231	163	96	41	4	38	101	158
93	1	14	39	62	68	94	116	146	119	131	124	161	132	117	89	77	45	15	1	14	51	90
96	0	1	3	3	4	4	9	15	9	9	13	17	13	12	10	8	7	2	0	2	8	10
99	0	0	1	1	1	1	1	1	2	0	2	1	1	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
105	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
111	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
117	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
123	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
129	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
135	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
141	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
147	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
153	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
159	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
165	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
171	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
177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

