



Filename: 207A232MV

Manufacturer: TEXAS FLUORESCENTS

Lamp: Fluorescent

Lamp Output: Total Luminaire Lumens: 2965.3

Max Candela: 1,001.0 at Horizontal: 280°, Vertical: 3°

Input Wattage: 51.7

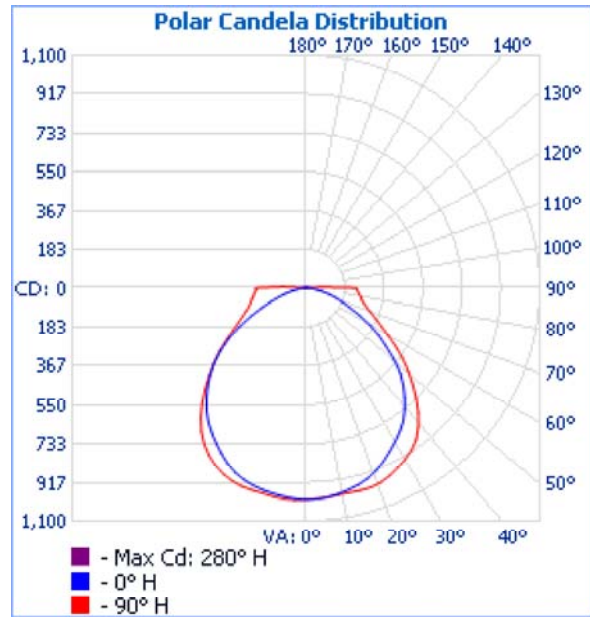
Luminous Opening: Rectangle w/Luminous Sides (L: 48.03", W: 7.48", H: 3.15")

Test: 207A232MV

Test Date: 18-Dec-2017 09:35:38

Test Lab: Radiant Vision Systems ProSource

Photometry : Type C

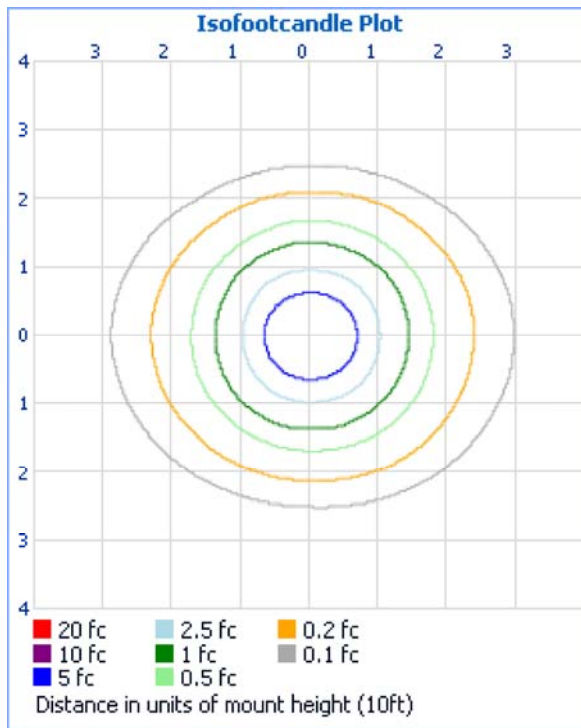


Roadway Summary		
Cutoff Classification:	N/A	
Distribution:	TYPE II, VERY SHORT	
Max Cd, 90 Deg Vert:	236.6	
Max Cd, 80 to <90 Deg:	260.0	
	Lumens % Lamp	
Downward Street Side:	1,463.5	49.4%
Downward House Side:	1,463.6	49.4%
Downward Total:	2,927.1	98.7%
Upward Street Side:	18.6	0.6%
Upward House Side:	20.1	0.7%
Upward Total:	38.7	1.3%
Total Lumens:	2,965.8	100%

Flood Summary				
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.3%	2,915.4	n/a	150.9
Beam (50%):	69.2%	2,051.1	111.1	105.8
Total:	100%	2,965.5		

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	794.2	26.8%
0-40	1,314.1	44.3%
0-60	2,277.8	76.8%
60-90	648.7	21.9%
70-100	384.5	13%
90-120	38.7	1.3%
0-90	2,926.6	98.7%
90-180	38.7	1.3%
0-180	2,965.3	100%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	94.4	3.2%	90-100	38.7	1.3%
10-20	275.0	9.3%	100-110	0.0	0%
20-30	424.8	14.3%	110-120	0	0%
30-40	519.9	17.5%	120-130	0	0%
40-50	527.7	17.8%	130-140	0	0%
50-60	436.0	14.7%	140-150	0	0%
60-70	302.9	10.2%	150-160	0	0%
70-80	199.7	6.7%	160-170	0	0%
80-90	146.1	4.9%	170-180	0	0%



Illuminance at a Distance

	Center Beam fc	Beam Width	
1.7ft	345 fc	4.5 ft	5.0 ft
3.3ft	91.6 fc	8.7 ft	9.6 ft
5.0ft	39.9 fc	13.2 ft	14.6 ft
6.7ft	22.2 fc	17.7 ft	19.5 ft
8.3ft	14.5 fc	21.9 ft	24.2 ft
10.0ft	9.98 fc	26.4 ft	29.2 ft

■ Vert. Spread: 105.8°
■ Horiz. Spread: 111.1°

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	1.10	1.10	1.10	1.10	1.05	1.05	1.05	1.05	1.01	1.01	1.01	1.01	1.01	1.01	1.01	.99
1	1.07	1.02	.98	.93	1.05	1.00	.96	.82	.95	.92	.89	.89	.91	.88	.86	.86	.87	.85	.83	.83	.87	.85	.83	.81
2	.98	.89	.82	.76	.95	.87	.81	.69	.83	.78	.73	.73	.80	.75	.71	.71	.77	.73	.69	.69	.77	.73	.69	.67
3	.89	.78	.70	.63	.87	.77	.69	.58	.74	.67	.61	.61	.71	.65	.60	.60	.68	.63	.59	.59	.68	.63	.59	.57
4	.82	.70	.61	.54	.79	.68	.60	.50	.65	.58	.53	.53	.63	.57	.52	.52	.61	.55	.51	.51	.61	.55	.51	.49
5	.75	.62	.53	.46	.73	.61	.53	.44	.59	.51	.46	.46	.57	.50	.45	.45	.55	.49	.44	.44	.55	.49	.44	.42
6	.70	.56	.47	.41	.68	.55	.47	.39	.53	.46	.40	.40	.51	.45	.39	.39	.50	.44	.39	.39	.50	.44	.39	.37
7	.64	.51	.42	.36	.63	.50	.42	.34	.48	.41	.35	.35	.47	.40	.35	.35	.45	.39	.35	.35	.45	.39	.35	.33
8	.60	.46	.38	.32	.58	.46	.38	.31	.44	.37	.32	.32	.43	.36	.31	.31	.42	.36	.31	.31	.42	.36	.31	.29
9	.56	.43	.34	.29	.55	.42	.34	.28	.41	.34	.28	.28	.40	.33	.28	.28	.38	.32	.28	.28	.38	.32	.28	.26
10	.53	.39	.31	.26	.51	.39	.31	.25	.38	.31	.26	.26	.37	.30	.26	.26	.36	.30	.25	.25	.36	.30	.25	.24

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	220	230	240	250	260
0	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998	998
3	997	996	996	996	995	995	994	994	994	994	994	993	993	993	994	994	994	994	994	995	995	996	997	998	999	1000	1000
6	991	991	992	992	992	992	991	990	990	989	989	990	990	990	989	989	989	988	988	988	989	990	992	994	996	998	999
9	982	982	984	985	987	988	988	987	986	986	986	987	987	985	983	980	980	980	981	980	981	981	984	989	993	995	995
12	970	971	973	976	981	983	984	983	984	985	985	985	984	981	976	970	969	971	973	972	970	971	977	985	991	992	990
15	958	959	962	966	971	976	976	978	983	987	986	982	980	977	969	962	962	963	963	960	959	960	965	976	982	984	984
18	942	945	947	953	959	967	968	970	980	988	984	976	972	967	957	952	952	953	949	947	945	947	952	962	966	968	975
21	920	925	931	936	945	955	959	964	975	981	976	968	961	952	939	932	932	933	931	931	929	932	940	949	953	955	964
24	892	900	911	913	925	941	948	958	968	967	964	960	950	934	918	902	901	904	906	909	908	907	922	934	939	944	953
27	863	873	885	891	904	924	933	944	956	950	951	948	935	915	903	881	871	874	875	877	878	882	900	913	920	928	937
30	835	842	860	868	877	901	915	925	937	930	933	929	917	896	888	863	847	844	844	840	849	858	874	886	896	905	914

33	808	811	829	843	853	876	892	900	910	909	905	902	896	878	866	841	821	814	815	806	819	832	848	858	868	873	879	
36	778	778	790	815	829	847	863	871	875	881	868	870	870	848	834	814	790	777	783	772	785	806	816	820	831	835	833	
39	737	739	753	776	795	811	823	835	836	840	828	835	829	806	790	775	759	735	744	735	755	770	772	773	780	791	786	
42	693	697	712	732	753	766	778	784	791	789	784	786	782	762	750	729	719	691	700	694	718	724	731	727	731	734	734	
45	648	649	666	684	703	716	728	727	736	733	733	730	727	714	709	677	670	648	655	650	669	670	689	682	677	675	675	
48	596	598	620	632	649	659	674	673	677	676	677	673	669	657	660	629	618	604	608	602	613	615	635	623	616	617	614	
51	530	545	563	575	590	598	613	614	619	618	621	614	614	599	600	582	557	555	555	553	544	561	563	559	553	555	556	
54	462	483	506	505	528	537	548	554	558	560	561	558	556	544	533	513	501	495	497	493	483	493	488	499	489	495	497	
57	405	417	437	447	470	476	492	495	502	500	504	501	497	482	473	447	435	432	432	428	415	426	428	439	436	438	443	
60	348	353	367	388	409	416	435	440	448	445	449	444	435	414	408	385	370	367	362	361	353	357	367	376	386	390	393	
63	284	295	311	331	347	363	381	390	399	399	402	393	382	354	339	329	317	303	292	295	301	299	305	321	341	348	353	
66	224	237	252	278	297	317	332	346	357	361	361	347	334	307	285	275	254	240	228	232	239	252	257	279	299	309	322	
69	181	188	206	225	250	272	291	309	324	328	327	310	289	264	239	219	199	185	176	179	187	201	216	241	264	279	296	
72	147	149	168	184	213	235	261	281	300	302	300	281	257	230	203	180	156	141	133	138	146	163	185	211	240	259	275	
75	112	116	130	149	179	208	238	261	281	282	278	257	232	205	169	147	120	104	98	102	112	133	158	190	220	247	261	
78	78	86	98	123	153	186	219	244	266	268	262	240	214	184	144	118	92	74	69	71	82	109	138	172	206	236	253	
81	53	62	79	104	136	171	207	236	254	260	251	232	200	164	124	93	69	48	43	46	64	89	120	156	194	225	245	
84	31	42	57	86	117	159	199	229	242	250	243	228	194	153	114	78	49	33	25	31	49	77	111	153	188	223	238	
87	14	25	42	71	112	151	192	223	232	241	232	218	187	148	103	62	37	20	12	17	37	65	104	150	188	213	224	
90	2	14	31	64	104	145	174	212	228	236	228	207	181	140	99	57	28	11	3	11	30	64	107	147	182	211	221	
93	0	3	10	23	31	47	58	81	67	75	70	89	73	62	39	29	14	4	1	5	17	38	55	81	101	124	107	
96	0	0	1	1	2	2	5	8	5	5	7	10	8	6	4	3	2	0	0	1	2	4	7	9	13	17	13	
99	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	
102	0	0	0	0	0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0	0	0	0	0

