

Major U.S. Cities	Ambient Night Temperature - F													Total Useful Operating Hours	Life Years Expected					
															8	9	10	11	12	24
	J	F	M	A	M	J	J	A	S	O	N	D	Avg		2,920	3,285	3,650	4,015	4,380	8,760
Atlanta	34	38	44	52	60	68	71	70	64	53	44	37	53	77,557	26.6	23.6	21.2	19.3	17.7	8.9
Baltimore	26	28	35	44	54	63	68	66	59	47	38	30	47	89,090	30.5	27.1	24.4	22.2	20.3	10.2
Boston	22	24	32	41	50	60	65	64	57	46	37	28	44	95,484	32.7	29.1	26.2	23.8	21.8	10.9
Charlotte	31	34	41	49	58	66	70	68	62	50	41	34	50	83,124	28.5	25.3	22.8	20.7	19.0	9.5
Chicago	16	20	29	39	49	58	64	62	54	43	32	21	41	102,337	35.0	31.2	28.0	25.5	23.4	11.7
Cincinnati	22	25	33	43	52	61	65	64	55	44	35	26	44	95,484	32.7	29.1	26.2	23.8	21.8	10.9
Columbus	22	24	32	42	52	60	65	63	55	44	35	26	43	97,716	33.5	29.7	26.8	24.3	22.3	11.2
Dallas- FW	36	39	47	55	64	71	75	75	67	57	46	38	56	72,363	24.8	22.0	19.8	18.0	16.5	8.3
Denver	18	22	28	36	45	54	59	57	49	37	26	19	38	109,882	37.6	33.4	30.1	27.4	25.1	12.5
Detroit	20	21	29	39	50	60	65	63	55	44	34	25	42	100,000	34.2	30.4	27.4	24.9	22.8	11.4
Honolulu	66	66	68	69	71	73	74	75	74	73	71	68	71	51,169	17.5	15.6	14.0	12.7	11.7	5.8
Houston	43	46	53	60	67	73	74	74	70	61	52	45	60	65,975	22.6	20.1	18.1	16.4	15.1	7.5
Indianapolis	20	23	33	43	53	62	66	64	55	44	34	25	44	95,484	32.7	29.1	26.2	23.8	21.8	10.9
Kansas City	21	25	35	45	56	65	70	68	58	46	35	24	46	91,172	31.2	27.8	25.0	22.7	20.8	10.4
Las Vegas	37	41	47	54	63	72	78	76	68	56	44	37	56	72,363	24.8	22.0	19.8	18.0	16.5	8.3
Los Angeles	50	51	53	56	59	62	65	66	65	60	53	49	57	70,711	24.2	21.5	19.4	17.6	16.1	8.1
Memphis	33	36	44	53	63	70	74	72	65	53	44	35	54	75,786	26.0	23.1	20.8	18.9	17.3	8.7
Miami	60	62	65	68	73	76	77	77	76	73	68	63	70	52,365	17.9	15.9	14.3	13.0	12.0	6.0
Mpls.-St.paul	7	13	24	37	49	59	64	61	52	39	25	13	37	112,246	38.4	34.2	30.8	28.0	25.6	12.8
Nashville	29	32	40	48	57	66	70	68	61	49	40	32	49	85,067	29.1	25.9	23.3	21.2	19.4	9.7
New Orleans	44	47	53	60	67	73	75	74	71	61	53	46	60	65,975	22.6	20.1	18.1	16.4	15.1	7.5
New York	27	29	35	45	55	64	69	68	61	50	41	32	48	87,055	29.8	26.5	23.9	21.7	19.9	9.9
Orlando	49	52	56	61	67	72	74	74	72	66	59	53	63	61,557	21.1	18.7	16.9	15.3	14.1	7.0
Philadelphia	25	27	34	44	54	63	69	67	60	48	38	30	47	89,090	30.5	27.1	24.4	22.2	20.3	10.2
Phoenix	46	49	53	60	69	77	83	82	76	64	52	45	63	61,557	21.1	18.7	16.9	15.3	14.1	7.0
Portland, OR	35	37	40	44	49	54	58	58	53	46	40	36	46	91,172	31.2	27.8	25.0	22.7	20.8	10.4
Sacramento	39	42	44	47	51	56	59	58	55	50	43	38	49	85,067	29.1	25.9	23.3	21.2	19.4	9.7
St. Louis	23	27	36	47	57	66	70	68	59	48	37	27	47	89,090	30.5	27.1	24.4	22.2	20.3	10.2
Salt Lake City	22	26	34	40	48	57	64	63	53	41	30	23	42	100,000	34.2	30.4	27.4	24.9	22.8	11.4
San Diego	50	52	54	57	60	63	66	67	66	61	54	49	58	69,096	23.7	21.0	18.9	17.2	15.8	7.9
San Francisco	44	46	48	49	51	53	55	56	55	53	48	44	50	83,124	28.5	25.3	22.8	20.7	19.0	9.5
Seattle	37	37	40	43	48	52	56	56	52	46	40	36	45	93,303	32.0	28.4	25.6	23.2	21.3	10.7
Tampa- St. Pete	51	53	58	62	69	74	75	75	73	67	60	54	64	60,151	20.6	18.3	16.5	15.0	13.7	6.9
Washington DC	29	31	38	47	57	66	71	70	62	50	41	33	50	83,124	28.5	25.3	22.8	20.7	19.0	9.5

Total Useful Operating Hours is defined by the commercial sign industry standard of 70% degradation (30% loss of light output).

For more information, visit www.relume.com or call (248) 969-3800.