



Large Lift-Face LED DMS

Skyline Products' NTCIP, NEMA, TS4, AASHTO, and MUTCD compliant large lift-face LED DMS offer the highest return on investment (ROI) in the industry and the flexibility for communicating critical advisories to motorists moving at low to high speeds. Designed for roadside mounts, they are ideal for applications with space, weight, mounting, or access restrictions unable to accommodate larger walk-in LED DMS.

Features

- Reliably, legibly, and safely communicate up-to-the-minute incident, weather, construction, congestion, and public safety alerts to motorists
- True character height combined with high quality LEDs enhance legibility to an unmatched distance
- Safely access sign; designed to allow a single technician to easily lift the entire face of the sign for fast, easy access to all internal components
- Remotely monitor every critical component of the sign with advanced, comprehensive feedback capabilities
- Sign housings designed to AASHTO Standard Specifications for structural supports for highway signs, luminaries, and traffic signals
- Realize a high return on your agency and community investment
- Supported by Skyline Products Customer Service
- ISO 9001:2015 certified manufacturing



Applications

- Freeways
- Expressways
- Highways
- Tollways
- HOV/HOT Lanes

Color Configurations

- Amber: 20mm, 35mm, 48mm, and 70mm pixel pitches
- Full Color: 20mm, 35mm, 48mm, and 70mm pixel pitches

Skyline Large Lift-Face LED DMS can be integrated into any existing ITS network or system.



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70mm Pixel Pitch

Model Number	Char. Size(s)	Font Required for Std. NEMA Char.	Lines	Pixel Layout	Char. Per Line ¹ Maximum	Optimum	Width	Height	Depth ²	Approx. Weight (lbs) ³
VMSLED-Lx-70F-27X125-xxx	18"	5x7	3	27 x 125	25	18	30' 7"	8' 1.5"	26"	3300 - 3500
VMSLED-Lx-70F-27X105-xxx	18"	5x7	3	27 x 105	21	15	25' 11.75"	8' 1.5"	26"	2850 - 3050
VMSLED-Lx-70F-27X090-xxx	18"	5x7	3	27 x 90	18	13	22' 7"	8' 1.5"	26"	2550 - 2750
VMSLED-Lx-70F-27X070-xxx	18"	5x7	3	27 x 70	14	10	18' 0"	8' 1.5"	26"	2175 - 2350
VMSLED-Lx-70F-18X105-xxx	18"	5x7	2	18 x 105	21	15	25' 11.75"	6' 0.75"	26"	2500 - 2675
VMSLED-Lx-70F-18X090-xxx	18"	5x7	2	18 x 90	18	13	22' 7"	6' 0.75"	26"	2200 - 2350
VMSLED-Lx-70F-18X070-xxx	18"	5x7	2	18 x 70	14	10	18' 0"	6' 0.75"	26"	1850 - 2000

48mm Pixel Pitch

Model Number	Char. Size(s)	Font Required for Std. NEMA Char.	Lines	Pixel Layout	Char. Per Line ¹ Maximum	Optimum	Width	Height	Depth ²	Approx. Weight (lbs) ³
VMSLED-Lx-48F-27X125-xxx	12"	5x7	3	27 x 125	25	18	20' 10"	5' 6"	26"	2150 - 2300
VMSLED-Lx-48F-27X105-xxx	12"	5x7	3	27 x 105	21	15	17' 8.5"	5' 6"	26"	1850 - 2000
VMSLED-Lx-48F-27X090-xxx	12"	5x7	3	27 x 90	18	13	15' 4.375"	5' 6"	26"	1650 - 1800
VMSLED-Lx-48F-18X125-xxx	12"	5x7	2	18 x 125	25	18	20' 10"	4' 1.13"	26"	1820 - 1970
VMSLED-Lx-48F-18X105-xxx	12"	5x7	2	18 x 105	21	15	17' 8.5"	4' 1.13"	26"	1575 - 1725
VMSLED-Lx-48F-18X090-xxx	12"	5x7	2	18 x 90	18	13	15' 4.375"	4' 1.13"	26"	1400 - 1550
VMSLED-Lx-48F-18X070-xxx	12"	5x7	2	18 x 70	14	10	18' 0"	6' 0.75"	26"	1850 - 2000

35mm Pixel Pitch

Model Number	Char. Size(s)	Font Required for Std. NEMA Char.	Lines	Pixel Layout	Char. Per Line ¹ Maximum	Optimum	Width	Height	Depth ²	Approx. Weight (lbs) ³
VMSLED-Lx-35F-54X250-xxx	18" 9"	10x14 5x7	3 5	54 x 250	25 50	18 36	30' 7"	8' 1.5"	26"	3300 - 3500
VMSLED-Lx-35F-54X210-xxx	18" 9"	10x14 5x7	3 5	54 x 210	21 42	15 30	25' 11.75"	8' 1.5"	26"	2850 - 3050
VMSLED-Wx-35F-54X180-xxx	18" 9"	10x14 5x7	3 5	54 x 180	18 36	13 26	22' 7"	8' 1.5"	26"	2550 - 2750
VMSLED-Lx-35F-54X140-xxx	18" 9"	10x14 5x7	3 5	54 x 140	14 28	10 20	18' 0"	8' 1.5"	26"	2175 - 2350
VMSLED-Lx-35F-54X210-xxx	18" 9"	10x14 5x7	2 3	36 x 210	21 42	15 30	25' 11.75"	6' 0.75"	26"	2500 - 3675
VMSLED-Wx-35F-54X180-xxx	18" 9"	10x14 5x7	2 3	36 x 180	18 36	13 26	22' 7"	6' 0.75"	26"	2200 - 2350
VMSLED-Lx-35F-54X140-xxx	18" 9"	10x14 5x7	2 3	36 x 140	14 28	10 20	18' 0"	6' 0.75"	26"	1850 - 2000



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20mm Pixel Pitch

Model Number	Char. Size(s)	Font Required for Std. NEMA Char.	Lines	Pixel Layout	Char. Per Line ¹ Maximum	Optimum	Width	Height	Depth ²	Approx. Weight (lbs) ³
VMSLED-Lx-20F-96X432-30x	18" 12" 8"	16x23 11x16 7x11	3 4 6	96 x 432	27 36 54	19 27 43	30' 4"	8' 1.5"	26"	3275 - 3475
VMSLED-Lx-20F-96X400-30x	18" 12" 8"	16x23 11x16 7x11	3 4 6	96 x 400	25 33 50	18 25 40	28' 3"	8' 1.5"	26"	3075 - 3275
VMSLED-Lx-20F-96X368-30x	18" 12" 8"	16x23 11x16 7x11	3 4 6	96 x 368	23 30 46	17 23 37	26' 1"	8' 1.5"	26"	2875 - 3075
VMSLED-Lx-20F-96X336-30x	18" 12" 8"	16x23 11x16 7x11	3 4 6	96 x 336	21 28 42	15 21 33	24' 0"	8' 1.5"	26"	2675 - 2875
VMSLED-Lx-20F-96X288-30x	18" 12" 8"	16x23 11x16 7x11	3 4 6	96 x 288	18 24 36	13 18 29	20' 10"	8' 1.5"	26"	2400 - 2575
VMSLED-Lx-20F-96X240-30x	18" 12" 8"	16x23 11x16 7x11	3 4 6	96 x 240	15 20 30	11 15 24	17' 9"	8' 1.5"	26"	2100 - 2250
VMSLED-Lx-20F-96X208-30x	18" 12" 8"	16x23 11x16 7x11	3 4 6	96 x 208	13 17 26	9 13 21	15' 8"	8' 1.5"	26"	1900 - 2050
VMSLED-Lx-20F-80X400-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	80 x 400	25 33 50	18 25 40	28' 3"	7' 3.5"	26"	3025 - 3225
VMSLED-Lx-20F-96X368-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	80 x 368	23 30 46	17 23 37	26' 1"	7' 3.5"	26"	2800 - 3000
VMSLED-Lx-20F-96X336-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	80 x 336	21 28 42	15 21 33	24' 0"	7' 3.5"	26"	2600 - 2775



Large Lift-Face LED DMS

20mm Pixel Pitch

Model Number	Char. Size(s)	Font Required for Std. NEMA Char.	Lines	Pixel Layout	Char. Per Line ¹ Maximum	Optimum	Width	Height	Depth ²	Approx. Weight (lbs) ³
VMSLED-Lx-20F-80X288-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	80 x 288	18 24 36	13 18 29	20' 10"	7' 3.5"	26"	2300 - 2475
VMSLED-Lx-20F-80X240-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	80 x 240	15 20 30	11 15 24	17' 9"	7' 3.5"	26"	2000 - 2150
VMSLED-Lx-20F-80X208-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	80 x 208	13 17 26	9 13 21	15' 8"	7' 3.5"	26"	1825 - 1975
VMSLED-Lx-20F-64X368-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	64 x 368	23 30 46	17 23 37	26' 1"	6' 2"	26"	2550 - 2725
VMSLED-Lx-20F-64X336-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	64 x 336	21 28 42	15 21 33	24' 0"	6' 2"	26"	2350 - 2525
VMSLED-Lx-20F-64X288-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	64 x 288	18 24 36	13 18 29	20' 10"	6' 2"	26"	2075 - 2225
VMSLED-Lx-20F-64X240-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	64 x 240	15 20 30	11 15 24	17' 9"	6' 2"	26"	1800 - 1950
VMSLED-Lx-20F-64X208-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	64 x 208	13 17 26	9 13 21	15' 8"	6' 2"	26"	1625 - 1770
VMSLED-Lx-20F-48X336-30x	18" 12" 8"	16x23 11x16 7x11	1 2 3	48 x 336	21 28 42	15 21 33	24' 0"	5' 1.5"	26"	2050 - 2225
VMSLED-Lx-20F-48X288-30x	18" 12" 8"	16x23 11x16 7x11	2 3 5	48 x 288	18 24 36	13 18 29	20' 10"	5' 1.5"	26"	1775 - 1925
VMSLED-Lx-20F-48X240-30x	18" 12" 8"	16x23 11x16 7x11	1 2 3	48 x 240	15 20 30	11 15 24	17' 9"	5' 1.5"	26"	1500 - 1650
VMSLED-Lx-20F-48X208-30x	18" 12" 8"	16x23 11x16 7x11	1 2 3	48 x 208	13 17 26	9 13 21	15' 8"	5' 1.5"	26"	1350 - 1500

¹The number of characters per line depends upon the font and inter-character spacing.

²The ventilation options varies the depth of the sign. These sign depths can range from 6" to 21" depending on this ventilation option and mounting configuration. The various ventilation options include: N = Non-Ventilated, V = Std. Ventilation, A = Adv. Ventilation.

³Weight depends upon selected options.