



7000/8000 SERIES

LIGHTBAR TECHNICAL SPECIFICATIONS

	7000/8000 SERIES LIGHTBAR			
	12 V Amber	12 V Blue	24 V Amber	24 V Blue
(R-65) WARNING LIGHTS				
ROTATOR LIGHT				
Lamp type	H1 55 W Halogen	H1 55 W Halogen	H1 70 W Halogen	H1 70 W Halogen
Effective illuminated intensity (H = 0°)	536 cd	61 cd	570 cd	78 cd
Flash rate	2.5 Hz	2.5 Hz	2.8 Hz	2.8 Hz
Power consumption (1 rotating assembly)	4.7 A	4.7 A	3 A	3 A
SYNCHRO ROTATOR LIGHTS				
Lamp type	H1 55 W Halogen	H1 55 W Halogen	H1 70 W Halogen	H1 70 W Halogen
Effective illuminated intensity (1 lamp) (H = 0°)	572 cd	68 cd	548 cd	60 cd
Flash rate	2.8 Hz	2.8 Hz	2.8 Hz	2.8 Hz
Power consumption (1 synchro rotating assembly)	9.4 A	9.4 A	6 A	6 A
OMNIDIRECTIONAL STROBE HEADS				
With FA-188/6S power supply				
Lamp type	Xenon discharge	Xenon discharge	Xenon discharge	Xenon discharge
Power per lamp	35 W	35 W	35 W	35 W
Power supply average consumption	8.5 A	8.5 A	4 A	4 A
Flash rate	2.01 Hz	2.01 Hz	2.01 Hz	2.01 Hz
Primary flash (per lamp)	9.3 J	9.3 J	9.3 J	9.3 J
Secondary flash (per lamp)	9 J	9 J	9 J	9 J
Effective illuminated intensity (H = 0°)	155 cd	53.5 cd	168.5 cd	76.7 cd
With FA-702/DF power supply				
Lamp type	Xenon discharge	Xenon discharge	Xenon discharge	Xenon discharge
Power per lamp	35 W	35 W	35 W	35 W
Power supply average consumption	6.8 A	6.8 A	3.3 A	3.3 A
Flash rate	2.04 Hz	2.04 Hz	2.04 Hz	2.04 Hz
Primary flash (per lamp)	12 J	12 J	12 J	12 J
Secondary flash (per lamp)	5.2 J	5.2 J	5.2 J	5.2 J
Effective illuminated intensity (H = 0°)	162 cd	70.6 cd	162 cd	70.6 cd
4 DIRECTIONAL HEADS				
With FA-188/4DF power supply				
Lamp type	Xenon discharge	Xenon discharge	Xenon discharge	Xenon discharge
Power per lamp	17.5 W	17.5 W	17.5 W	17.5 W
Power supply average consumption	8.5 A	8.5 A	4 A	4 A
Flash rate	2.08 Hz	2.08 Hz	2.08 Hz	2.08 Hz
Primary flash (per lamp)	6.1 J	6.1 J	6.1 J	6.1 J
Secondary flash (per lamp)	2.4 J	2.4 J	2.4 J	2.4 J
Effective illuminated intensity (H = 0°)	220 cd	109 cd	230 cd	104 cd
CRUISE LIGHT				
Lamp type:				
7000 lightbar	15 W bayonet incandescent lamp		15 W bayonet incandescent lamp	
8000 lightbar	15 W bayonet incandescent lamp		15 W bayonet incandescent lamp	
ILLUMINATED SIGN				
Lamp type:				
Central illumination	15 W bayonet incandescent lamp		15 W bayonet incandescent lamp	
Reflector	5 W bayonet incandescent lamp		5 W bayonet incandescent lamp	

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	12 V Amber	12 V Blue	24 V Amber	24 V Blue
HALOGEN HEADS				
Round Halogen Heads				
Front, Rear and Alley				
Parabola diameter	88 mm	88 mm	88 mm	88 mm
Lamp type	H1 55 W Halogen	H1 55 W Halogen	H1 70 W Halogen	H1 70 W Halogen
Rectangular Halogen Heads				
Front, Rear, Lateral and Directionals (at extremes)				
Head dimensions	90 x 160 mm	90 x 160 mm	90 x 160 mm	90 x 160 mm
Lamp type	H1 55 W Halogen	H1 55 W Halogen	H1 70 W Halogen	H1 70 W Halogen
FLB-8 Double Lower Alley Head				
Head dimensions	97.5 x 50 mm	97.5 x 50 mm	97.5 x 50 mm	97.5 x 50 mm
Lamp type	12V 20W 17° Dichromatic Halogen (2 in parallel)		12V 20W 17° Dichromatic Halogen (2 in series)	
SECONDARY STROBE HEADS				
With FA-188/6S power supply and two lamps				
Flash rate	125 double / minute	125 double / minute	125 double / minute	125 double / minute
Power supply average consumption	8.5 A	8.5 A	4 A	4 A
Primary flash (per lamp)	9.3 J	9.3 J	9.3 J	9.3 J
Secondary flash (per lamp)	9 J	9 J	9 J	9 J
With FA-188/6S power supply and four lamps				
Flash rate	125 double / minute	125 double / minute	125 double / minute	125 double / minute
Power supply average consumption	8.5 A	8.5 A	4 A	4 A
Primary flash (per lamp)	4.6 J	4.6 J	4.6 J	4.6 J
Secondary flash (per lamp)	4.5 J	4.5 J	4.5 J	4.5 J
With FA-188/6S power supply and six lamps				
Flash rate	125 double / minute	125 double / minute	125 double / minute	125 double / minute
Power supply average consumption	8.5 A	8.5 A	4 A	4 A
Primary flash (per lamp)	3.1 J	3.1 J	3.1 J	3.1 J
Secondary flash (per lamp)	3 J	3 J	3 J	3 J
Flash rate	62 triple / minute	62 triple / minute	62 triple / minute	62 triple / minute
Power supply average consumption	8.5 A	8.5 A	4 A	4 A
Primary flash (per lamp)	4.1 J	4.1 J	4.1 J	4.1 J
Secondary flash (per lamp)	3.6 J	3.6 J	3.6 J	3.6 J
With FA-702/DF power supply and two lamps				
Flash rate	120 double / minute	120 double / minute	120 double / minute	120 double / minute
Power supply average consumption	6.8 A	6.8 A	3.3 A	3.3 A
Primary flash (per lamp)	12 J	12 J	12 J	12 J
Secondary flash (per lamp)	5.2 J	5.2 J	5.2 J	5.2 J
With FA-702/DF power supply and four lamps				
Flash rate	66 double / minute	66 double / minute	66 double / minute	66 double / minute
Power supply average consumption	6 A	6 A	3 A	3A
Primary flash (per lamp)	8.7 J	8.7 J	8.7 J	8.7 J
Secondary flash (per lamp)	3 J	3 J	3 J	3 J
Flash rate	69 quadruple / minute	69 quadruple / minute	69 quadruple / minute	69 quadruple / minute
Power supply average consumption	6 A	6 A	3 A	3A
Primary flash (per lamp)	5 J	5 J	5 J	5 J
Secondary flash (per lamp)	2.15 J	2.15 J	2.15 J	2.15 J
With FA-530/FA-531 power supplies and six lamps				
Flash rate	66 double / minute	66 double / minute	66 double / minute	66 double / minute
Power supply average consumption	6 A each P.S.	6 A each P.S.	3 A each P.S.	3 A each P.S.
Primary flash (per lamp)	11.6 J	11.6 J	11.6 J	11.6 J
Secondary flash (per lamp)	4 J	4 J	4 J	4 J
Flash rate	69 quadruple / minute	69 quadruple / minute	69 quadruple / minute	69 quadruple / minute
Power supply average consumption	6 A each P.S.	6 A each P.S.	3 A each P.S.	3 A each P.S.
Primary flash (per lamp)	6.6 J	6.6 J	6.6 J	6.6 J
Secondary flash (per lamp)	2.9 J	2.9 J	2.9 J	2.9 J

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	12 V Amber	12 V Blue	24 V Amber	24 V Blue
SIRENS				
SC-298 BT COMPACT SIREN				
Output power	30 W	30 W	30 W	30 W
Maximum power consumption of amplifier	3 A	3 A	3 A	3 A
Frequencies (depending on siren version)	600 - 1350 Hz	600 - 1350 Hz	600 - 1350 Hz	600 - 1350 Hz
Tones	TWO TONES	TWO TONES	TWO TONES	TWO TONES
Output voltage	60 V pp	60 V pp	60 V pp	60 V pp
SC-298 CT COMPACT SIREN				
Output power	30 W	30 W	30 W	30 W
Maximum power consumption of amplifier	3 A	3 A	3 A	3 A
Frequencies (depending on siren version)	600 - 1350 Hz	600 - 1350 Hz	600 - 1350 Hz	600 - 1350 Hz
Tones	WAIL / YELP	WAIL / YELP	WAIL / YELP	WAIL / YELP
Output voltage	60 V pp	60 V pp	60 V pp	60 V pp
SC-310 COMPACT SIREN				
Output power	30 W + 30 W	30 W + 30 W	30 W + 30 W	30 W + 30 W
Maximum power consumption of amplifier	3 A (1 speaker)	3 A (1 speaker)	3 A (1 speaker)	3 A (1 speaker)
Maximum power consumption of amplifier	6 A (2 speakers)	6 A (2 speakers)	6 A (2 speakers)	6 A (2 speakers)
Frequencies (depending on siren version)	600 - 1350 Hz	600 - 1350 Hz	600 - 1350 Hz	600 - 1350 Hz
Tones	TWO TONES/WAIL/YELP	TWO TONES/WAIL/YELP	TWO TONES/WAIL/YELP	TWO TONES/WAIL/YELP
Output voltage	23 V pp	23 V pp	23 V pp	23 V pp
AS-250 SIREN AMPLIFIER				
Speaker	11 Ohms	11 Ohms	11 Ohms	11 Ohms
Output power	100 W	100 W	100 W	100 W
Maximum power consumption of amplifier	8 A	8 A	8 A	8 A
Frequencies (depending on version) WAIL, YELP	600 - 1200 Hz	600 - 1200 Hz	600 - 1200 Hz	600 - 1200 Hz
Frequencies (depending on version) TWO TONES	450 - 600 Hz	450 - 600 Hz	450 - 600 Hz	450 - 600 Hz
Tones	TWO TONES/WAIL/YELP	TWO TONES/WAIL/YELP	TWO TONES/WAIL/YELP	TWO TONES/WAIL/YELP
Output voltage	60 V pp	60 V pp	60 V pp	60 V pp
LEDS SIGNS				
CLP-720				
Message type	programmable	programmable	programmable	programmable
Number of messages	15	15	15	15
Messages programable by the user	3	3	3	3
Number of characters per sign	10	10	10	10
Led diameter	5 mm	5 mm	5 mm	5 mm
CL800 / CL-900				
messages type	fixed	fixed	fixed	fixed
Selection messages number	untill 3	untill 3	untill 3	untill 3
Characters number by sign	variable	variable	variable	variable
Led diameter	5 mm	5 mm	5 mm	5 mm
SIGNALMASTER				
Number of lamps	6 or 8	6 or 8	6 or 8	6 or 8
Lamp type	Bi-pin Halogen G6.35 12.8V 27W		Bi-pin Halogen G4 24V 20W	
6 lamps maximum power consumption	12.6 A (12.8V)	12.6 A (12.8V)	5 A	5 A
8 lamps maximum power consumption	17 A (12.8V)	17 A (12.8V)	6.7 A	6.7 A



An ISO Certificated Company
FEDERAL SIGNAL VAMA, S.A
 Dr. Ferrán, 7
 08339 VILASSAR DE DALT
 BARCELONA (Spain)
 Tel. (34) 93 741 79 32
 Fax (34) 93 750 78 23
 email: marketing@vama.es
 Web : www.fedsig.vama.es