

Catalogue 2020/2021



Mesan Electric, is proud to be the first manufacturer of visual and audible warning lights in Turkey. In addition to our corporate culture, which has been established for 46 years, our devoted and passionate working principles have enabled us to establish a strong bond with our customers from all over the world. The family company Mesan has always aimed and succeeded in providing reliable, rational, standardscompliant, innovative and economical products to the whole industry and general applications.

We are determined to serve occupational health and safety, environmental safety, loss of time and property.

Our products, which are the result of our engineering and project studies, are produced exclusively for the customer and the industry, taking into account customer needs and demands.

We always contribute the market in the first place. We produced the first aircraft warning light, the first Electronic Siren, the first warning lamp in Turkey and many of the models has patents and utility models.

Regular quality control and test stages, long warranty duration are at the forefront in the production of our signal products. We do on time shipments with our huge stock and provide services to our customers with technical support after sales. Turkey's first and only TSE certified signal products. It offered its customers 800,000 light sirens, 5,000 aircraft warning lights and hundreds of thousands of buzzers.



IP	First Digit - SOLIDS	Second Digit - LIQUIDS
IP33	Protected from tools and wires greater than 2.5 millimeters.	Protected from water spray less than 60 degrees from vertical.
IP44	Protected from tools and small wires greater than 1 millimeter.	Protected from water spray from any direction.
IP54	Protected from limited dust ingress.	Protected from water spray from any direction.
IP55	Protected from limited dust ingress.	Protected from low pressure water jets from any direction.
IP65	Protected from total dust ingress.	Protected from low pressure water jets from any direction.
IP66	Protected from total dust ingress.	Protected from high pressure water jets from any direction.
IP67	Protected from total dust ingress.	Protected from immersion between 15 centimeters and 1 meter in depth.
IP68	Protected from total dust ingress.	Protected from long term immersion up to a specified pressure.

- In this catalogue, there are some models which order no's are written. If not please check related [how to order](#) section to find the product order no. Choose model number, color and voltages. Write them in the order which section shows.
- If you need to search any product on our website please only type [model](#) number on search bar. Do not type MS, color code or voltages. All of product prices could be found on our website.

HOW TO ORDER

[MODEL]	1 - red	[VOLTAGE]
	2 - green	
	3 - amber	
	4 - white	
	5 - blue	



Volume in decibels



Number of possible tones



Working temperature in °C, highest and lowest rating



Protection rating according to EN 60 529



Power supplied by solar energy



Xenon Flashing Light



LED Light



Incandescent light bulb



Products bearing the CE mark conform to current EU regulations and are tested for adherence to EMC codes.



Devices bearing this mark and number are authorised for use in hazardous areas. Ex devices guarantee a high level of resistance to extreme conditions.



ICAO compliance or ICAO compliance certificate



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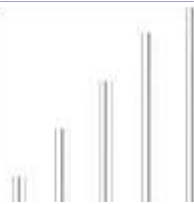
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Warning Beacons

Ø70mm 300 Series

	With buzzer	Mounting	Light	Buzzer	Model
 70x100x115	 70x100x115		Bulb Permanent	-	300
				Buzzer	312
			Bulb Blinking	-	352
				Buzzer	314
			Xenon Strobe	-	354
				Buzzer	315
			LED Multifunction	-	350
				Buzzer	313
 70x70x200	 70x70x281		Bulb Permanent	-	301
				Buzzer	316
			Bulb Blinking	-	360
				Buzzer	318
			Xenon Strobe	-	361
				Buzzer	319
			LED Multifunction	-	362
				Buzzer	317
 70x100x166	 70x100x250		Bulb Permanent	-	302
				Buzzer	320
			Bulb Blinking	-	366
				Buzzer	322
			Xenon Strobe	-	367
				Buzzer	323
			LED Multifunction	-	368
				Buzzer	321
 70x76x125	 70x76x125		Bulb Permanent	-	303
				Buzzer	304
			Bulb Blinking	-	371
				Buzzer	376
			Xenon Strobe	-	372
				Buzzer	377
			LED Multifunction	-	374
				Buzzer	378
 70x70x200	 70x70x281	Ø30 Tube Aluminum		100mm	10
				200mm	20
		300mm		30	
		400mm		40	
		500mm		50	
		800mm		80	
		1000mm		100	
		Voltage Chart			

ORDER MS		HOW	Bulb Permanent	Bulb Blinking	Xenon Strobe	LED Multifunction	TO
[MODEL]	1	1	12VDC	12VDC	24VAC/DC	12-24VAC/DC	red
[VOLTAGE]	2	2	24VDC	24VDC	220VAC	110-220VAC	green
	3	3	110VAC	220VAC	110VAC		amber
	4	4	220VAC				white
	5	5					blue

300	.	1	.	12VDC
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*LED Multifunction: 3 flash, blinking, steady

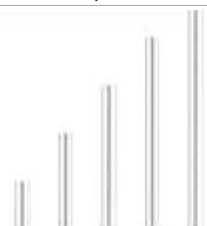
*LED rotator is optional

*Aluminum tube should be ordered separately

1 Tier Signal Towers

	With buzzer	Mounting	Series	Light	Buzzer	Model
 70x100x120	 70x100x203	Bracket Mounting 	8300	Bulb Permanent	-	8300
				Bulb Permanent	Buzzer	433
				Bulb Blinking	-	83001
				Bulb Blinking	Buzzer	410
 70x70x207	 70x70x290	Tube Mounting 	8400	Xenon Strobe	-	83002
				Xenon Strobe	Buzzer	409
				LED Multifunction	-	83003
				LED Multifunction	Buzzer	434
 70x100x175	 70x100x260	Tube/Wall Mounting 	8500	Bulb Permanent	-	8400
				Bulb Permanent	Buzzer	411
				Bulb Blinking	-	84002
				Bulb Blinking	Buzzer	413
 70x76x134	 70x76x134	Wall Mounting 	8600	Xenon Strobe	-	84003
				Xenon Strobe	Buzzer	412
				LED Multifunction	-	84004
				LED Multifunction	Buzzer	437
 70x100x175	 70x100x260	Tube/Wall Mounting 	8500	Bulb Permanent	-	8500
				Bulb Permanent	Buzzer	414
				Bulb Blinking	-	85001
				Bulb Blinking	Buzzer	415
 70x76x134	 70x76x134	Wall Mounting 	8600	Xenon Strobe	-	85002
				Xenon Strobe	Buzzer	416
				LED Multifunction	-	85003
				LED Multifunction	Buzzer	417
 70x76x134	 70x76x134	Wall Mounting 	8600	Bulb Permanent	-	8600
				Bulb Permanent	Buzzer	402
				Bulb Blinking	-	86001
				Bulb Blinking	Buzzer	406
 70x76x134	 70x76x134	Wall Mounting 	8600	Xenon Strobe	-	86002
				Xenon Strobe	Buzzer	4810
				LED Multifunction	-	86004
				LED Multifunction	Buzzer	424

Signal Towers Ø70mm

		Ø30 Tube Aluminum	Optional		100mm	10
				200mm	20	
300mm	30					
400mm	40					
500mm	50					
800mm	80					
1000mm	100					

83013 . 1 . 12VDC

HOW TO ORDER MS

[MODEL] 1 - red [VOLTAGE]
 2 - green
 3 - amber
 4 - white
 5 - blue *LED Multifunction:
 3 flash, blinking, steady

Voltage Chart			
Bulb Permanent	Bulb Blinking	Xenon Strobe	LED Multifunction
12VDC	12VDC	24VAC/DC	12-24VAC/DC
24VDC	24VDC	220VAC	110-220VAC
110VAC	220VAC	110VAC	
220VAC			

*Colored cap is optional

*LED rotator is optional

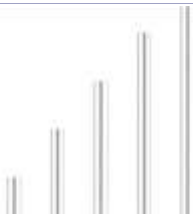
*Aluminum tube should be ordered separately *For Dome lens refer to page 4.

2 Tier Signal Towers

	With buzzer	Mounting	Series	Light	Buzzer	Model
 70x100x203	 70x100x286	Bracket Mounting 	8300	Bulb Permanent	-	83009
					Buzzer	492
				Bulb Blinking	-	83016
					Buzzer	399
				Xenon Strobe	-	83012
					Buzzer	398
				LED Multifunction	-	83010
					Buzzer	465
 70x70x290	 70x70x373	Tube Mounting 	8400	Bulb Permanent	-	84008
					Buzzer	499
				Bulb Blinking	-	84009
					Buzzer	439
				Xenon Strobe	-	84010
					Buzzer	498
				LED Multifunction	-	84011
					Buzzer	454
		Tube/Wall Mounting	8500	Bulb Permanent	-	85005
					Buzzer	85011
				Bulb Blinking	-	85006
					Buzzer	85013
				Xenon Strobe	-	85032

Signal Towers

Ø70mm

				LED Multifunction	Buzzer	85014
70x100x258	70x100x343				-	85007
					Buzzer	85011
		Wall Mounting 	8600	Bulb Permanent	-	86001
70x76x217	70x76x217			Bulb Blinking	-	86002
				Xenon Strobe	-	86003
				Buzzer	4971	
				LED Multifunction	-	86004
				Buzzer	40351	
		Ø30 Tube Aluminum 	Optional		100mm	101
70x70x290	70x70x373				200mm	201
					300mm	301
					400mm	401
					500mm	501
					800mm	801
					1000mm	1001

HOW TO ORDER MS

Signal Towers Ø70mm

- [MODEL] 1 - red
[VOLTAGE] 2 - green
3 - amber
4 - white
5 - blue *LED

Multifunction:
3 flash,

Voltage Chart			
Bulb Permanent	Bulb Blinking	Xenon Strobe	LED Multifunction
12VDC	12VDC	24VAC/DC	12-24VAC/DC
24VDC	24VDC	220VAC	110-220VAC
110VAC	220VAC	110VAC	
220VAC			

*For 83014 . 1.2 . 12VDC blinking, steady different color combinations *Dome lens on top is optional please contact us. *Colored cap is optional

*LED rotator is optional

*Aluminum tube should be ordered separately

3 Tier Signal Towers

	With buzzer	Mounting	Series	Light	Buzzer	Model
 70x100x286	 70x100x371	Bracket Mounting 	8300	Bulb Permanent	-	83013
				Bulb Permanent	Buzzer	436
				Bulb Blinking	-	83019
				Bulb Blinking	Buzzer	4020
				Xenon Strobe	-	83020
 70x70x373	 70x70x456	Tube Mounting 	8400	Xenon Strobe	Buzzer	4026
				LED Multifunction	-	83017
				LED Multifunction	Buzzer	310
				Bulb Permanent	-	84012
				Bulb Permanent	Buzzer	443
 70x100x343	 70x100x426	Tube/Wall Mounting 	8500	Bulb Blinking	-	84013
				Bulb Blinking	Buzzer	444
				Xenon Strobe	-	84019
				Xenon Strobe	Buzzer	401
				LED Multifunction	-	84022
 70x100x343	 70x100x426	Tube/Wall Mounting 	8500	LED Multifunction	Buzzer	4001
				Bulb Permanent	-	85008
				Bulb Permanent	Buzzer	85016
				Bulb Blinking	-	85009
				Bulb Blinking	Buzzer	85017
 70x100x343	 70x100x426	Tube/Wall Mounting 	8500	Xenon Strobe	-	85010
				Xenon Strobe	Buzzer	85018
				LED Multifunction	-	85034
				LED Multifunction	Buzzer	467
				Bulb Permanent	-	86003
 70x100x343	 70x100x426	Wall Mounting 	8600	Bulb Permanent	Buzzer	484
				Bulb Blinking	-	86011
				Bulb Blinking	Buzzer	485
				Xenon Strobe	-	86012
				Xenon Strobe	Buzzer	423

Voltage Chart			
Bulb Permanent	Bulb Blinking	Xenon Strobe	LED Multifunction
12VDC	12VDC	24VAC/DC	12-24VAC/DC
24VDC	24VDC	220VAC	110-220VAC
110VAC	220VAC	110VAC	
220VAC			

 70x76x290	 70x76x290		LED Multifunction	-	86015
				Buzzer	86017
 70x70x373	 70x70x456	Ø30 Tube Aluminum 	Optional	100mm	10
				200mm	20
				300mm	30
				400mm	40
				500mm	50
				800mm	80
				1000mm	100

HOW TO ORDER MS

83013

.

1.3.2

.

12VDC

[MODEL] 1 - red [VOLTAGE]

2 - green

3 - amber

4 - white

5 - blue

*LED Multifunction: 3 flash, blinking, steady

*Dome lens on top is optional

*Colored cap is optional

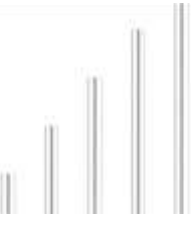
*For different color combinations

*LED rotator is optional please contact

us.

*Aluminum tube should be ordered separately

4 Tier Signal Towers

	With buzzer	Mounting	Series	Light	Buzzer	Model	
 70x100x371	 70x100x454	Bracket Mounting	8300	Bulb Permanent	-	83014	
				Bulb Blinking	Buzzer	83005	
				Bulb Blinking	-	83028	
					Buzzer	477	
				Xenon Strobe	-	83031	
LED Multifunction	Buzzer	452					
					-	83018	
					Buzzer	83032	
 70x70x456	 70x70x540	Tube Mounting	8400	Bulb Permanent	-	84020	
				Bulb Blinking	Buzzer	422	
				Bulb Blinking	-	419	
					Buzzer	84016	
				Xenon Strobe	-	84024	
LED Multifunction	Buzzer	84025					
					-	84014	
					Buzzer	468	
 70x100x426	 70x100x510	Tube/Wall Mounting	8500	Bulb Permanent	-	85019	
				Bulb Blinking	Buzzer	85020	
				Bulb Blinking	-	85033	
					Buzzer	85021	
				Xenon Strobe	-	85022	
LED Multifunction	Buzzer	85023					
					-	85024	
					Buzzer	461	
 70x76x373	 70x76x373	Wall Mounting	8600	Bulb Permanent	-	86018	
				Bulb Blinking	Buzzer	86019	
				Bulb Blinking	-	86013	
					Buzzer	86020	
				Xenon Strobe	-	86021	
LED Multifunction	Buzzer	86022					
					-	86023	
					Buzzer	464	
 70x70x456	 70x70x540	Ø30 Tube Aluminum		Optional		100mm	10
						200mm	20
						300mm	30
						400mm	40
						500mm	50
						800mm	80
						1000mm	100
Voltage Chart							

HOW		TO			
ORDER MS	[MODEL] [VOLTAGE]	Bulb Permanent	Bulb Blinking	Xenon Strobe	LED Multifunction
		12VDC	12VDC	24VAC/DC	12-24VAC/DC
		24VDC	24VDC	220VAC	110-220VAC
		110VAC	220VAC	110VAC	
		220VAC			
83014	1.3.2.5	12VDC	5		

1 - red

2 - green

3 - amber

4 - white

5 - blue

*LED Multifunction: 3 flash, blinking, steady

1 - red
2 - green
3 - amber
4 - white
5 - blue

*LED Multifunction: 3 flash, blinking, steady

*Dome lens on top is optional *For

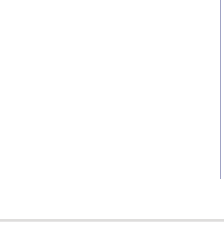
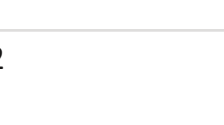
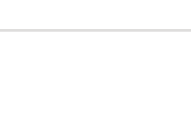
different color combinations

*Colored cap is optional please contact us.

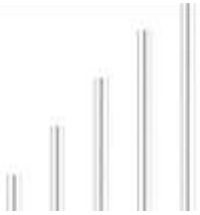
*LED rotator is optional

*Aluminum tube should be ordered separately

5 Tier Signal Towers

	With buzzer	Mounting	Series	Light	Buzzer	Model
 70x100x454	 70x100x537	Bracket Mounting 	8300	Bulb Permanent	-	83015
				Bulb Permanent	Buzzer	83033
				Bulb Blinking	-	83035
				Bulb Blinking	Buzzer	4037
				Xenon Strobe	-	83026
 70x70x540	 70x70x623	Tube Mounting 	8400	Xenon Strobe	Buzzer	83034
				LED Multifunction	-	83025
				LED Multifunction	Buzzer	4036
				Bulb Permanent	-	84017
				Bulb Permanent	Buzzer	400
 70x100x510	 70x100x593	Tube/Wall Mounting 	8500	Bulb Blinking	-	84027
				Bulb Blinking	Buzzer	408
				Xenon Strobe	-	84028
				Xenon Strobe	Buzzer	84029
				LED Multifunction	-	84030
 70x70x623	 70x70x706	Wall Mounting 	8600	LED Multifunction	Buzzer	393
				Bulb Permanent	-	85012
				Bulb Permanent	Buzzer	85025
				Bulb Blinking	-	85026
				Bulb Blinking	Buzzer	85027
 70x100x593	 70x100x676		8600	Xenon Strobe	-	85028
				Xenon Strobe	Buzzer	85029
				LED Multifunction	-	85030
				LED Multifunction	Buzzer	85031
				Bulb Permanent	-	86024
 70x100x676	 70x100x759		8600	Bulb Permanent	Buzzer	86025
				Bulb Blinking	-	86014
				Bulb Blinking	Buzzer	86026
				Xenon Strobe	-	86027
				Xenon Strobe	Buzzer	86028

Signal Towers Ø70mm

 70x76x456	 70x76x456		LED Multifunction	-	86029
				Buzzer	86030
 70x70x540	 70x70x623	Ø30 Tube Aluminum 	Optional 	100mm	10
				200mm	20
				300mm	30
				400mm	40
				500mm	50
				800mm	80
				1000mm	100

83013 . 1.3.2.5.4 . 12VDC

HOW TO ORDER MS

[MODEL] 1 - red [VOLTAGE]
 2 - green
 3 - amber
 4 - white
 5 - blue *LED
 Multifunction: 3 flash,
 blinking, steady

Voltage Chart			
Bulb Permanent	Bulb Blinking	Xenon Strobe	LED Multifunction
12VDC	12VDC	24VAC/DC	12-24VAC/DC
24VDC	24VDC	220VAC	110-220VAC
110VAC	220VAC	110VAC	
220VAC			

*Dome lens on top is optional *For different color combinations *Colored cap is optional please contact us.

*LED rotator is optional

*Aluminum tube should be ordered separately

Motor Sirens

190 Mini Motor Siren

Voltage	220V AC	110V AC	24V AC/DC	12V DC AC
Current	0.43A	0.9A	2.5A	6A
Power	40W			
Weight(kg)	0.55	0.4	0.4	0.4
Sound Pressure	115dB			
Material	Steel			



CE

IP	44
Dimensions	83x82x75mm

192 Double Mini Motor Siren



Voltage
Current
Power
Sound Pressure
Material
IP
Dimensions

390 Motor Siren

Voltage	220V AC	110V AC	24V DC	24V AC
Current	1A	2A	6.8A	6.8A
Power	100W			
Weight(kg)	2.2	2.2	1.6	1.6
Sound Pressure	125dB			
Material	Steel			
IP	44			
Dimensions	215x132x145mm			

CE



392 Double Motor Siren

Voltage
Current
Power
Sound Pressure
Material
IP
Dimensions

290 NO 1 Motor Siren

490 Motor Siren



Voltage	220VAC
Current range	1.46A
Power range	150W
Sound Pressure	120dB
Material	Aluminum
IP	44
Weight(kg)	3.34kg
Dimensions	106x175x230mm with hood

67302 NO 2 Motor Siren

Voltage	220VAC
Current range	2.A
Power range	200W
Sound Pressure	135dB
Material	Aluminum
IP	44
Weight	4.5kg
Dimensions	106x175x230mm with hood



690 NO 4 Motor Siren

Voltage	
Current range	
Power range	
Sound Pressure	
Material	
IP	
Dimensions	1

Voltage	
Current range	
Power range	
Sound Pressure	
Material	
IP	
Dimensions	1



HOW TO ORDER

MS * For motor

190

.

220VAC

[MODEL]

[VOLTAGE]

sirens maximum load time is 2min

Buzzers

1260

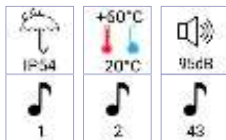
3-24VAC/DC

Buzzers



1258

1260



HOW TO ORDER MS

[MODEL]

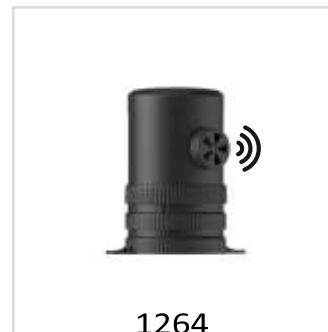
[VOLTAGE]

Model	1260	1258	1262	1264	1267
Mounting:	Wall mounting	Wall mounting	Wall/Tube mounting	Base mounting	Tube mounting
Tone:	1	43	1	1	1
Sound Output:	95dB	95dB	95dB	95dB	95dB
Current:	< 30 mA				
Dimensions(mm):	70x76x90	70x76x90	70x70x150	70x100x110	70x70x170
Voltages:	3-24VAC/DC 24VAC/DC 48VAC/DC 110VAC/DC 220VAC/DC	24VAC/DC 220VAC/DC	3-24VAC/DC 24VAC/DC 48VAC/DC 110VAC/DC 220VAC/DC	3-24VAC/DC 24VAC/DC 48VAC/DC 110VAC/DC 220VAC/DC	3-24VAC/DC 24VAC/DC 48VAC/DC 110VAC/DC 220VAC/DC

*3-24VAC/DC models have 2 tones.



1262



1264

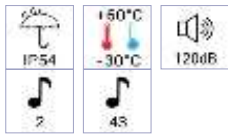


1267



5802/5804 Electronic Siren with External Volume Control

Model:	5802		5804	
Tone:	2 tones		43 tones	
Color:	Black	Red	Black	Red
Voltages:	12-24VAC/DC		12-24VAC/DC	
Current:	12-30mA		12-30mA	
Order no:	MS 5802.12-24VAC/DC	MS 5802.85-260VAC	MS 5804.12-24VAC/DC	MS 5804.85-260VAC



- Alternating and pulsing tones or 43 tones
 - Wall mounting 70x70x180mm
- 120 dB sound pressure external volume controller knob
 - Clear and distinctive sound signals
- For industrial and general applications
 - ABS
 - IP54

5852 Loud Electronic Siren

- For loud volume needs
- Wall mounting easy assembly
- 43 Tone electronic siren
- Low power consumption
- For industrial and general applications
 - PC and ABS 85x113x203

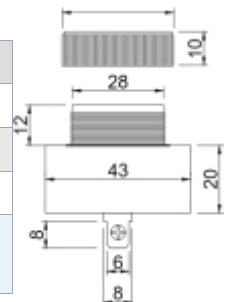


Panel Mount Buzzers

Ø28 (M28) Buzzer Screw / Spades Type

- Panel-mount buzzer 33

Model:	5852	
Tone:	43 tones	
Voltages:	12-24VAC/DC	85-260VAC
Current:	24-60mA	18-9mA
Order no:	MS 5852.12-24VAC/DC	MS 5852.85-260VAC



	1 tone				2 tones
Connection:	Spades/	Spades/			Spades/
	Spades	Spades	Screws	Screws	Screws
Current:	< 30 mA				
Voltages:	220VAC/DC	24VAC/DC	110VAC/DC	48VAC/DC	220VAC/DC
Order no:	MS 1210	MS 1202	MS 1204	MS 1208	MS 1216

- Pulsing tone

- Connection via Spades 6.3 x 0.8 mm or screws
 - For industrial and general applications
- Sealed electronics, low current consumption



- Max. 95 dB sound pressure
- Sound pressure can be reduced by ~10 dB via turning window
- Panel size Ø 28 mm/M28

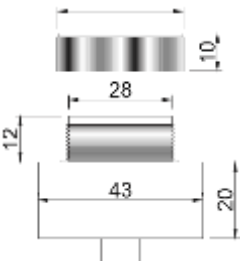
Ø28 (M28) Buzzer Terminal Type



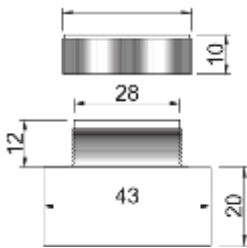
- Max. 95 dB sound pressure
- 43 tone selectable via dipswitch

- Panel-mount buzzer 33
- Max. 95 dB sound pressure
- Sound pressure can be reduced by ~10 dB via turning window
 - Panel size Ø 28 mm/M28
- Pulsing tone / Steady tone(1212)
- Connection via terminal
- For industrial and general applications

	1 tone		2 tones
Current:	< 30 mA		
Voltages:	220VAC/DC	24VAC/DC	3-24VAC/DC
Order no:	MS 1201	MS 1200	MS 1212



- Sealed electronics, low current consumption



	43 tones	
Current:	< 30 mA	
Voltages:	220VAC/DC	12-24VAC/DC
Order no:	MS 1213	MS 1215

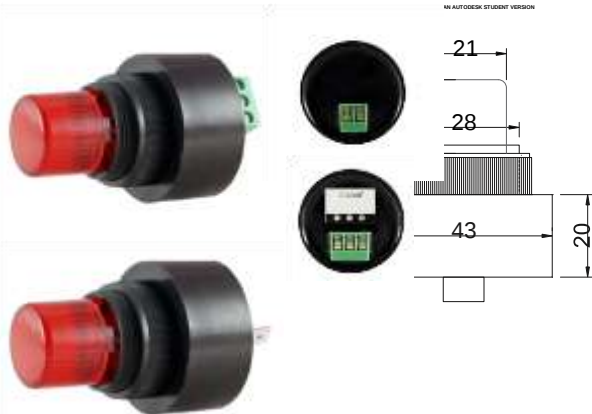
- Panel-mount buzzer

- Sound pressure can be reduced by ~10 dB via turning window
- Panel size Ø 28 mm/M28
- Connection via cable

- For industrial and general applications
- Sealed electronics, low current consumption

Ø28 (M28) LED Buzzer

	1 tone			2 tone
Connection:	Terminal	Terminal	Spades	Terminal
Current:	< 30 mA			



691 Alarm Bell



- Robust housing prevents damage when used in public areas or in harsh industrial environments
 - IP65 Weatherproof
 - Wall Mounting
 - Steel bell, epoxy powder coated
- Dimensions (Ø x Depth): 154 mm x 76 mm



- Signalling break-time or machine activation warnings.
 - As a bell or alarm
- Goods receiving areas
- Entry/exit applications
- Counter service call point, etc.

Typical applications

Specs				
Current:	60mA	25mA	120mA	30mA
Voltages:	220VAC	24VDC	110VAC	48-110VDC
Order no:	MS 691.220VAC	MS 691.24VDC	MS 691.110VAC	MS 691.48-110VDC

Voltages:	220VAC/DC	24VAC/DC	24VAC/DC	3-24VAC/DC
Order no:	MS 1211	MS 1205	MS 1217	MS 1207

- Panel-mount LED buzzer
 - LED flashing
- Max. 95 dB sound pressure
 - Panel size Ø 28 mm/M28
- Pulsing tone / Steady tone (1207)
 - Connection via terminal or spades(1217)
- For industrial and general applications
- Sealed electronics, low current consumption



695/696 Mini Alarm Sounder



- 120 dB sound pressure
- Alarm tone
- Connection via cable
- For industrial and general applications
- Mounting via screws
- Low current consumption
- 40x40x60mm

Specs

Current:	200mA	300mA
Voltages:	220VAC/DC	12-24VAC/DC
Order no:	MS 695	MS 696



1259 Mini Buzzer



- 85 dB sound pressure
- Pulsing tone
- Connection via cable
- Mounting via screws or panel mount
- Low current consumption
- 35x30x25mm

Specs

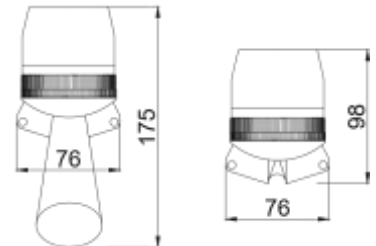
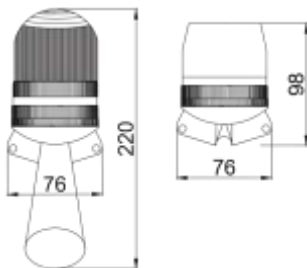
Current:	<10 mA
Voltage:	24VDC
Order no:	MS 1259



Electronic Sirens

5823/121 Electronic Siren

- Alternating and pulsing tones
 - Wall mounting
 - 120 dB sound pressure
- Clear and distinctive sound signals
- For industrial and general applications
 - ABS



Model:	5823			
Color:	Black	Black	Black	Red
Voltage:	12-24V AC/DC	48-110 VDC	48-110 VAC	85-260 VAC

Model:	121			
Color:	Black	Black	Black	Red
Voltage:	12-24V AC/DC	48-110 VDC	48-110 VAC	85-260 VAC

- IP65



121

5823

HOW TO ORDER



MS

[MODEL]

[VOLTAGE]

Model:	5822
Specs	Motion Detection Sensor
Voltages	220VAC
Order no:	MS 5822.220VAC

5824/122 Multi-Tone Electronic Siren



122

5824



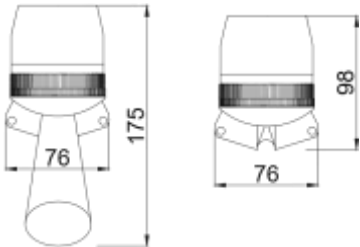
Model:	122	
Color:	Black	Red
Voltages:	12-24VAC/DC	85-260VAC
Current:	9-4.5mA	13-30mA
Order no:	MS 122.12-24VAC/DC	MS 122.85-260VAC
Model:	5824	
Color:	Black	Red
Voltages:	12-24VAC/DC	85-260VAC
Current:	9-4.5mA	13-30mA
Order no:	MS 5824.12-24VAC/DC	MS 5824.85-260VAC

- 43 Tone can be chosen via DIPSWITCH
- Internal potentiometer to adjust volume
- Wall mounting
- Max. 120 dB sound pressure
- Clear and distinctive sound signals
- For industrial and general applications
- ABS, ABS &

PC(5824)

- IP65

5820/4820 Electromechanical Horn



Model:	5820		4820	
Color:	Black	Red	Black	Red
Voltages:	24VDC	220VAC	24VDC	220VAC
Order no:	MS 5820.24VDC	MS 5820.220VAC	MS 4820.24VDC	MS 4820.220VAC



4820

5820

- Horn sound
- Wall mounting
- 98dB sound pressure
- Clear and distinctive sound signals
- For industrial and general applications
- ABS
- IP65



Audible Signal Devices Electronic Sounders

- Clear and distinctive sound signals
- For industrial and general applications
 - Multi tone(43)
 - Wall Mounting
 - ABS

200 . 12-24VAC/DC
HOW TO ORDER MS

Model	200	214	212	216
Tone:	43	43	43	16
Specialty:	-	External Volume Control	Spark proof	-
Sound Output:	70-120dB	0-120dB	70-120dB	70-100dB
Voltages:	12-24VAC/DC _(13-30mA) 48-110VDC 85-260VAC (9-4.5mA)	12-24VAC/DC (13-30mA) 85-260VAC (9-4.5mA)	12-24VAC/DC (13-30mA) 85-260VAC (9-4.5mA)	12-24VDC

Model:	5821
Dimensions:	133x128x292mm

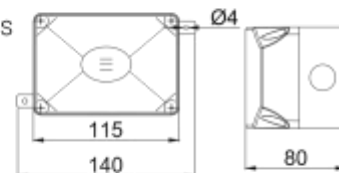
Voltages:	220VAC	220VDC	24VDC
Current:	170mA	170mA	1A
Order no:	MS 5821.220VAC	MS 5821.220VDC	MS 5821.24VDC

[MODEL] [VOLTAGE]

200 Series Electronic Multi-Tone Sounder



- Robust housing prevents damage when used in public are as or in harsh industrial environments



281 Electronic Multi-Tone Sounder

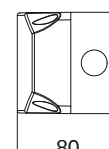
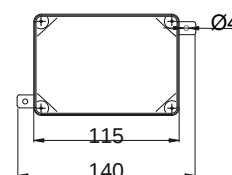


- 43 Tone can be chosen via DIPSWITCH
- Robust housing prevents damage when used in public are as or in harsh industrial environments
- Clear and distinctive sound signals
 - IP66 Weatherproof
 - Wall Mounting
 - ABS



- For industrial and general applications

Model:	281	
Current:	9-4.5mA	13-30mA
Voltages:	85-260VAC	12-24VAC/DC
Order no:	MS 281.85-260VAC	MS 281.12-24VAC/DC



5821 Electromechanical Signal Horn



- Horn sound
- Robust housing prevents damage when used in public are as or in harsh industrial environments
 - IP55
 - 100dB
 - Wall Mounting



Multicolor RGB

Warning Lights

Ø70mm Multicolor Beacons



299 - 294

298 - 293

Contact Type

Wall Mounting
292 - 297

Wall Mount
Cone shape
5850 - 5851

Bracket Mounting
IP54
482 - 483

M30 Installation
335 - 336

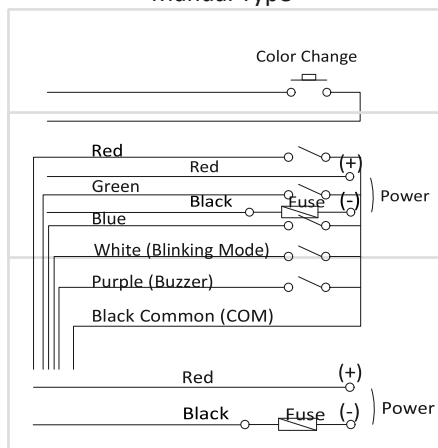

- 7 colors can be controlled via contact cables or button inside the lens
- 2 visual light effects (blinking or permanent light)
- 43 Tone Buzzer up to 120dB
- Buzzer on off and volume control feature via potentiometer • PC and ABS



Bracket Mounting

Tube Mounting

Manual Type



PRODUCED BY AN AUTODESK STUDENT VERSION

Model	Mounting	Light	Type	Buzzer	Dimensions
299	Bracket Mounting	Multicolor Permanent / Blinking	Manual	85db	70x100x115
294			Contact	85db	70x100x115
298	Tube Mounting	Multicolor Permanent / Blinking	Manual	85db	70x70x170
293			Contact	85db	70x70x170
292	Wall Mounting	Multicolor Permanent / Blinking	Manual	85db	70x70x90
297			Contact	85db	70x70x90
5850	Wall Mount Cone shape	Multicolor Permanent / Blinking	Manual	85db	70x70x220
5851			Contact	85db	70x70x220
482	Bracket Mounting IP54	Multicolor Permanent / Blinking	Manual	85db	95x95x110
483			Contact	85db	95x95x110
336	M30 Installation	Multicolor Permanent / Blinking	Contact	85db	70x70x125
335			Contact	-	70x70x125

Voltages Available: 110-220VAC and 12-24VAC/DC

299 . 110-220VAC

HOW TO ORDER MS

[MODEL] [VOLTAGE]

Light Colors for Contact Type

RED CABLE	GREEN CABLE	BLUE CABLE	BLACK SC CABLE (COM)	Light Color	SC	SC	PURPLE
SC			SC	RED	SC	SC	CYAN
	SC		SC	GREEN	SC	SC	WHITE
		SC	SC	BLUE	SC: Short circuit with common black cable		
SC	SC		SC	Amber	Standard lenses are clear, opaque lens is optional		

Multicolor RGB Warning Lights

Ø90 and Ø110 Multicolor Beacons



750
755



599



- 7 colors can be controlled via contact cables or button inside the lens
 - 2 visual light effects (blinking or permanent light)
 - 43 Tone Buzzer volume up to 120dB
 - Buzzer on off feature via potentiometer
- PC and ABS, 599 is polyamid which is durable • Dimensions: for 750 and 755 90x90x135mm for 599 170x170x300mm

MS **HOW TO ORDER**

750 . 12-24VAC/DC [MODEL]

[VOLTAGE]

Model	Mounting	Material	Light	Type	Buzzer
750	Base	PC and ABS	RGB Light Permanent / Blinking	Manual	85db
755				Contact	85db
599	Base	PC and Polyamid		Manual	85db

Voltages Available: 110-220VAC and 12-24VAC/DC

For wiring information please see previous page

Ø70mm Multicolor Signal Towers



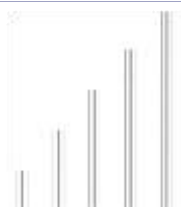
- 7 colors can be controlled via button inside the lens
- 2 visual light effects (blinking or permanent light)
- Buzzer tone up to 95dB
- PC and ABS



	Model	Color	Voltages
1 Tier	83041	7 COLORS	12-24VAC/DC 110-220VAC
2 Tier	83042		
3 Tier	83043		
4 Tier	83044		
5 Tier	83045		

	Mounting	Part
	Bracket Mounting	12
	Tube Mounting	13
	Tube/Wall Mounting	14
	Wall Mounting	15

Buzzer	Part
Without Buzzer	0
With Buzzer	1

Aluminum Tube Mounting		Part
	Optional	100mm
		200mm
		300mm
		400mm
		500mm
		800mm
		1000mm

HOW TO ORDER

*For different color combinations please contact us

*Dome lens on top is optional

MS

*Standard lenses are clear, opaque lens is optional

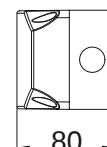
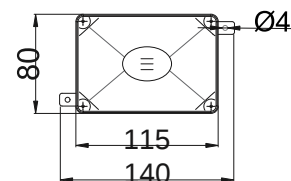
*When buzzer is ordered product height is increased by 100mm(except wall mounting)

83041	.	0	.	12	.	12-24VAC/DC
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[MODEL] [BUZZER] [MOUNTING PART] [VOLTAGE]

229 LED Flashing Beacon with Multi Tone Sounder

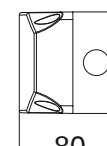
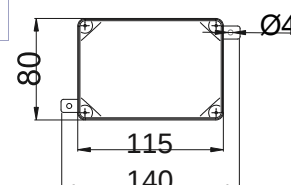
- LED multifunction 3 strobes, flashing, permanent modes
- Wall, Ceiling mounting easy assembly
- 43 Tone loud multi tone sounder
- Internal potentiometer to adjust sound level
- Low power consumption
- For industrial and general applications
- PC and ABS



Color	110-220VAC	12-24VAC/DC
Red	MS 229.1.110-220VAC	MS 229.1.12-24VAC/DC
Green	MS 229.2.110-220VAC	MS 229.2.12-24VAC/DC
Amber	MS 229.3.110-220VAC	MS 229.3.12-24VAC/DC
White	MS 229.4.110-220VAC	MS 229.4.12-24VAC/DC
Blue	MS 229.5.110-220VAC	MS 229.5.12-24VAC/DC

251 LED Flashing Beacon with Multi Tone Sounder

- LED



- multifunction 3 strobes, flashing, permanent modes
- Wall, Ceiling mounting easy assembly
- 43 Tone loud multi tone sounder
- Internal potentiometer to adjust sound level
- Low power consumption

Color	110-220VAC	12-24VAC/DC
Red	MS 251.1.110-220VAC	MS 251.1.12-24VAC/DC
Green	MS 251.2.110-220VAC	MS 251.2.12-24VAC/DC
Amber	MS 251.3.110-220VAC	MS 251.3.12-24VAC/DC
White	MS 251.4.110-220VAC	MS 251.4.12-24VAC/DC
Blue	MS 251.5.110-220VAC	MS 251.5.12-24VAC/DC

- For industrial and general applications
- PC and ABS

222-226 LED Flashing Beacon Combination with Multi Tone Sounder

	Color	110-220VAC	12-24VAC/DC
1 Tier	Red	MS 222.1.110-220VAC	MS 222.1.12-24VAC/DC
	Green	MS 222.2.110-220VAC	MS 222.2.12-24VAC/DC
	Amber	MS 222.3.110-220VAC	MS 222.3.12-24VAC/DC
	Blue	MS 222.4.110-220VAC	MS 222.4.12-24VAC/DC
	White	MS 222.5.110-220VAC	MS 222.5.12-24VAC/DC
2 Tier	Red-Green	MS 223.1.2.110-220VAC	MS 223.1.2.12-24VAC/DC

new



3 Tier	Red-Amber-Green	MS 224.1.3.2.110-220VAC	MS 224.1.3.2.12-24VAC/DC
4 Tier	Red-AmberGreen-Blue	MS 225.1.3.2.5.110-220VAC	MS 225.1.3.2.5.12-24VAC/DC
5 Tier	Red-Amber-Green-Blue-White	MS 226.1.3.2.5.4.110-220VAC	MS 226.1.3.2.5.4.12-24VAC/DC
For different color combinations please contact us			

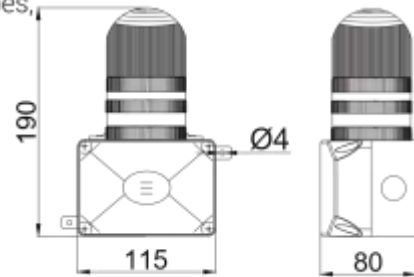
- LED multifunction 3 strobes, flashing, permanent modes
- Wall, Ceiling mounting easy assembly
- 43 Tone loud multi tone sounder
- Internal potentiometer to adjust sound level
- Innovative connector to create light combinations
- Low power consumption
- For industrial and general applications
- PC and ABS

201 / 232 Xenon or LED Combination with Multi Tone Sounder



- PC and ABS

- Xenon Strobe or LED multifunction 6 strobes, blinking, permanent, rotator modes
- Wall, Ceiling mounting easy assembly
- 43 Tone loud multi tone sounder
- Low power consumption
- For industrial and general applications



Model:	201		232	
Light:	Xenon strobe (double flash)		LED	
Voltages:	110-220VAC	12-24VAC/DC	110-220VAC	12-60VDC/AC
Red	MS 201.1.110-220VAC	MS 201.1.12-24VAC/DC	MS 232.1.110-220VAC	MS 232.1.12-60VDC/AC
Green	MS 201.2.110-220VAC	MS 201.2.12-24VAC/DC	MS 232.2.110-220VAC	MS 232.2.12-60VDC/AC
Amber	MS 201.3.110-220VAC	MS 201.3.12-24VAC/DC	MS 232.3.110-220VAC	MS 232.3.12-60VDC/AC
White	MS 201.4.110-220VAC	MS 201.4.12-24VAC/DC	MS 232.4.110-220VAC	MS 232.4.12-60VDC/AC
Blue	MS 201.5.110-220VAC	MS 201.5.12-24VAC/DC	MS 232.5.110-220VAC	MS 232.5.12-60VDC/AC

Additional Models		
Model	Light	Specs
207	Xenon	Volume adjustment
211	Xenon	5 tone contacts

207 . 1 . 110-220VAC

HOW TO ORDER MS

[MODEL] [COLOR] [VOLTAGE]

1 - red 2 - green 3 - amber
4 - white 5 - blue

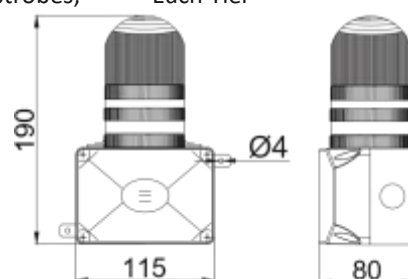
233 LED Multifunction Volume adjustment

Voltages Available: 110-220VAC and 12-24VAC/DC

Multi Tiers Combination with Multi Tone Sounder



- Xenon Strobe or LED multifunction 6 strobes, Each Tier
- Xenon Strobe or LED multifunction 6 strobes, blinking, permanent, rotator modes +83mm
- Wall, Ceiling mounting easy assembly
- 43 Tone loud multi tone sounder
 - Low power consumption
- For industrial and general applications
 - PC and ABS



	Colors	Light	Specs	Model
2 Tier	Red-Green	Xenon	Double flash	213
		LED Multifunction	-	202
		LED Multifunction	Volume adjustment	215
3 Tier	Red-Amber-Green	LED Multifunction	-	208
		LED Multifunction	5 tone contacts	231
4 Tier	Red-Amber-Green-Blue	LED Multifunction	-	234
		LED Multifunction	5 tone contacts	235
5 Tier	Red-Amber-Green-Blue-White	LED Multifunction	-	209
		Bulb	Permanent	210

Voltages Available for LED and XENON: 110-220VAC and 12-24VAC/DC
Bulb: 12VDC / 24VDC / 220VAC

For different color combinations please contact us

213 . 110-220VAC

HOW TO ORDER MS

[MODEL] [VOLTAGE]

5811 Xenon Combination with 2 Tone Electronic Siren

Model:	5811			
Voltages:	24VAC/DC	48-110VDC	48-110VAC	220VAC
Red	MS 5811.1.24VAC/DC	MS 5811.1.48-110VAC	MS 5811.1.48-110VAC	MS 5811.1.220VAC
Green	MS 5811.2.24VAC/DC	MS 5811.2.48-110VAC	MS 5811.2.48-110VAC	MS 5811.2.220VAC

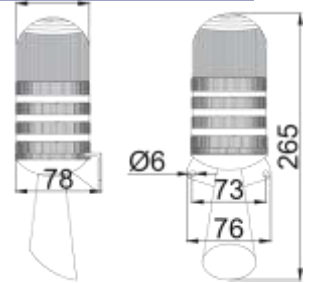
•Xenon
Strobe

Amber	MS 5811.3.24VAC/DC	MS 5811.3.48-110VAC	MS 5811.3.48-110VAC	MS 5811.3.220VAC
White	MS 5811.4.24VAC/DC	MS 5811.4.48-110VAC	MS 5811.4.48-110VAC	MS 5811.4.220VAC
Blue	MS 5811.5.24VAC/DC	MS 5811.5.48-110VAC	MS 5811.5.48-110VAC	MS 5811.5.220VAC



Technology 70

- High visibility
- Wall mounting easy assembly
- 2 Tone loud Electronic Siren
 - PC and ABS
- Short circuit thin cables in order to change tone



5826 LED Flashing Beacon with 2 Tone Electronic Siren



- LED Flashing
- Wall mounting easy assembly
- 2 Tone loud Electronic Siren
 - Low power consumption
- For industrial and general applications
 - PC and ABS
- Short circuit thin cables in order to change tone



Model:	5826			
Voltages:	12-24VAC/DC	48-110VDC	48-110VAC	110-220VAC
Red	MS 5826.1.12-24VAC/DC	MS 5826.1.48-110VAC	MS 5826.1.48-110VAC	MS 5826.1.110-220VAC
Green	MS 5826.2.12-24VAC/DC	MS 5826.2.48-110VAC	MS 5826.2.48-110VAC	MS 5826.2.110-220VAC
Amber	MS 5826.3.12-24VAC/DC	MS 5826.3.48-110VAC	MS 5826.3.48-110VAC	MS 5826.3.110-220VAC
White	MS 5826.4.12-24VAC/DC	MS 5826.4.48-110VAC	MS 5826.4.48-110VAC	MS 5826.4.110-220VAC
Blue	MS 5826.5.12-24VAC/DC	MS 5826.5.48-110VAC	MS 5826.5.48-110VAC	MS 5826.5.110-220VAC

5810 Xenon Beacon with Horn

Model:	5810	
Voltages:	220VAC	24VDC
Red	MS 5810.1.220VAC	MS 5810.1.24VDC
Green	MS 5810.2.220VAC	MS 5810.2.24VDC
Amber	MS 5810.3.220VAC	MS 5810.3.24VDC



- Wall
- Horn
- For general applications
- PC and ABS

White	MS 5810.4.220VAC	MS 5810.4.24VDC
Blue	MS 5810.5.220VAC	MS 5810.5.24VDC

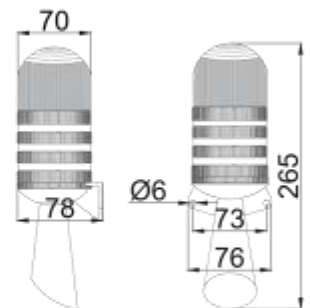
- Xenon Strobe mounting easy assembly sound industrial and

5830 LED blinking with Horn



- LED blinking
- Wall mounting easy assembly
- Horn sound
- For industrial and general applications
- PC and ABS

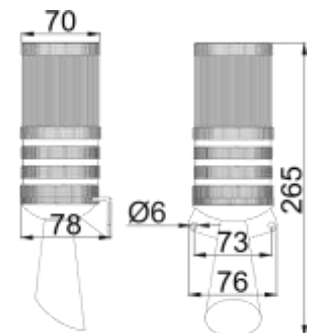
Model:	5830	
Voltages:	220VAC	24VDC
Red	MS 5830.1.220VAC	MS 5830.1.24VDC
Green	MS 5830.2.220VAC	MS 5830.2.24VDC
Amber	MS 5830.3.220VAC	MS 5830.3.24VDC
Blue	MS 5830.4.220VAC	MS 5830.4.24VDC
White	MS 5830.5.220VAC	MS 5830.5.24VDC



5825/5828 Bulb with 2 Tone Electronic Siren

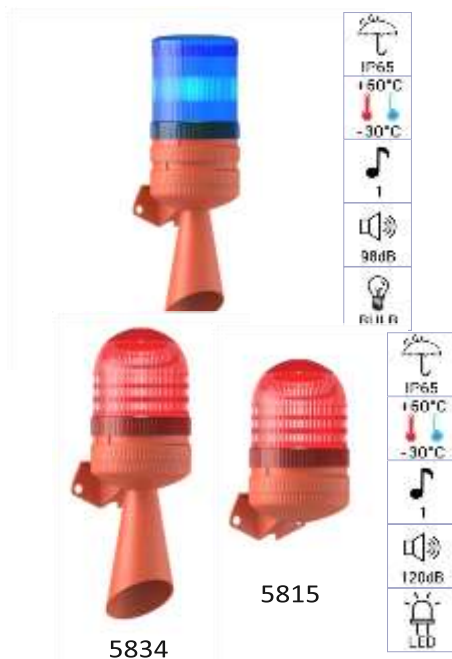


- Bulb blinking/permanent
- Wall mounting easy assembly
- 2 Tone Electronic Siren
- Low power consumption
- For industrial and general applications
- PC and ABS
- Short circuit thin cables in order to change tone



Model:	5825			5828		
Signal Effect:	Permanent			Blinking		
Color	12VDC	24VDC	220VAC	12VDC	24VDC	220VAC
Red	MS 5825.1.12VDC	MS 5825.1.24VDC	MS 5825.1.220VAC	MS 5828.1.12VDC	MS 5828.1.24VDC	MS 5828.1.220VAC
Green	MS 5825.2.12VDC	MS 5825.2.24VDC	MS 5825.2.220VAC	MS 5828.2.12VDC	MS 5828.2.24VDC	MS 5828.2.220VAC
Amber	MS 5825.3.12VDC	MS 5825.3.24VDC	MS 5825.3.220VAC	MS 5828.3.12VDC	MS 5828.3.24VDC	MS 5828.3.220VAC
White	MS 5825.4.12VDC	MS 5825.4.24VDC	MS 5825.4.220VAC	MS 5828.4.12VDC	MS 5828.4.24VDC	MS 5828.4.220VAC
Blue	MS 5825.5.12VDC	MS 5825.5.24VDC	MS 5825.5.220VAC	MS 5828.5.12VDC	MS 5828.5.24VDC	MS 5828.5.220VAC

5829 Bulb with Horn



5834

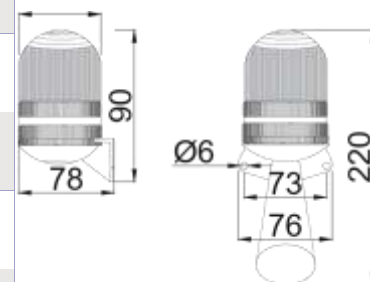
5815

strokes, blinking, 70

- Bulb permanent
- Wall mounting easy assembly
 - Horn sound
- For industrial and general applications
 - PC and ABS

Model:	5829	
Voltages:	24VDC	220VAC
Red	MS 5829.1.24VDC	MS 5829.1.220VAC
Green	MS 5829.2.24VDC	MS 5829.2.220VAC
Amber	MS 5829.3.24VDC	MS 5829.3.220VAC
White	MS 5829.4.24VDC	MS 5829.4.220VAC
Blue	MS 5829.5.24VDC	MS 5829.5.220VAC

5834/5815 LED
Multifunction
Buzzer Combination



- LED multifunction 5 permanent, rotator

- Wall mounting easy assembly
- Loud pulsed tone buzzer
- Low power consumption
- For industrial and general applications
 - PC and ABS

Model:	5834		5815	
Tone:	1 tone		1 tone	
Voltages:	12-60VAC/DC	85-260VAC	12-60VAC/DC	85-260VAC
Current	375-187mA	40-20mA	375-187mA	40-20mA
Red	MS 5834.1.12-60VAC/DC	MS 5834.1.85-260VAC	MS 5815.1.12-60VAC/DC	MS 5815.1.85-260VAC
Green	MS 5834.2.12-60VAC/DC	MS 5834.2.85-260VAC	MS 5815.2.12-60VAC/DC	MS 5815.2.85-260VAC
Amber	MS 5834.3.12-60VAC/DC	MS 5834.3.85-260VAC	MS 5815.3.12-60VAC/DC	MS 5815.3.85-260VAC
White	MS 5834.4.12-60VAC/DC	MS 5834.4.85-260VAC	MS 5815.4.12-60VAC/DC	MS 5815.4.85-260VAC
Blue	MS 5834.5.12-60VAC/DC	MS 5834.5.85-260VAC	MS 5815.5.12-60VAC/DC	MS 5815.5.85-260VAC

MS 5843 . 1 . 12-60VAC/DC

HOW TO ORDER

[MODEL] [Color] [VOLTAGE]

1 - red 2 - green 3 - amber
4 - white 5 - blue

Model:	5843	
Spec	External volume control	
Voltages	12-60VAC/DC	110-220VAC
Order no:	MS 5843.0.12-60VAC/DC	MS 5843.0.110-220VAC

5847/440 LED Multifunction Multi-Tone Combination



- LED multifunction 5 strobes, blinking, permanent, rotator modes
- Wall mounting easy assembly
- Loud 43 Tone siren
- Low power consumption
- For industrial and general applications
- PC and ABS

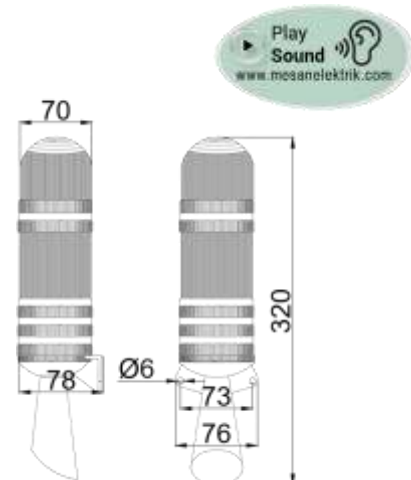


Model:	5847		440	
Tone:	43 tones		43 tones	
Voltages:	12-60VAC/DC	110-220VAC	12-60VAC/DC	110-220VAC
Current	375-187mA	40-20mA	375-187mA	40-20mA
Red	MS 5847.1.12-60VAC/DC	MS 5847.2.110-220VAC	MS 440.1.12-60VAC/DC	MS 440.1.110-220VAC
Green	MS 5847.2.12-60VAC/DC	MS 5847.3.110-220VAC	MS 440.2.12-60VAC/DC	MS 440.2.110-220VAC
Amber	MS 5847.3.12-60VAC/DC	MS 5847.4.110-220VAC	MS 440.3.12-60VAC/DC	MS 440.3.110-220VAC
White	MS 5847.4.12-60VAC/DC	MS 5847.5.110-220VAC	MS 440.4.12-60VAC/DC	MS 440.4.110-220VAC
Blue	MS 5847.5.12-60VAC/DC	MS 5847.5.110-220VAC	MS 440.5.12-60VAC/DC	MS 440.5.110-220VAC

5836/5819/5833 2 Tiers Light with Electronic Siren



- Bulb permanent or Xenon Strobe or LED
- Wall mounting easy assembly
- 2 Tone Electronic Siren
- Low power consumption
- For industrial and general applications
- PC and ABS
- Short circuit thin cables in order to change tone



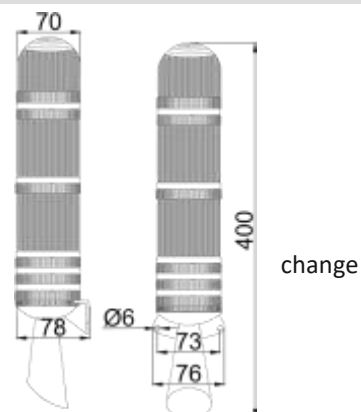
Model:	5836		5819	
Signal Effect	LED Flashing		Xenon	
Voltages:	24VAC/DC	110-220VAC	24VAC/DC	220VAC
Red-Green	MS 5836.1.2.24VAC/DC	MS 5836.1.2.110-220VAC	MS 5819.1.2.24VAC/DC	MS 5819.1.2.220VAC

Model:	5833	
Signal Effect	Bulb Permanent	
Voltages:	24VDC	220VAC
Red-Green	MS 5833.1.2.24VDC	MS 5833.1.2.220VAC

5844/5816/5817 3 Tiers Light with Electronic Siren



- Bulb blinking or Xenon Strobe or LED
- Wall mounting easy assembly
- 2 Tone Electronic Siren
- Low power consumption
- For industrial and general applications
- PC and ABS
- Short circuit thin cables in order to change tone



Model:	5844		5816	
Signal Effect:	LED Flashing		Xenon	
Color:	Red-Amber-Green			
Voltages:	24VAC/DC	220VAC	24VAC/DC	220VAC
Order no:	MS 5844.1.3.2.24VAC/DC	MS 5844.1.3.2.220VAC	MS 5816.1.3.2.24VAC/DC	MS 5816.1.3.2.220VAC

Model:	5817
Signal Effect:	Bulb Blinking
Color:	Red-Amber-Green

Voltages:	24VDC	220VAC
Order no:	MS 5817.1.3.2.24VDC	MS 5817.1.3.2.220VAC

5805/5806/5807 High Volume Electronic Siren and LED combinations

- For loud volume needs
- LED multifunction 3 strobes, flashing, permanent modes
 - Wall mounting easy assembly
 - Loud 43 Tone siren
- 2-3 independant tones could be choosed
(2 tone for 5805, 3 for 5807-5806)
- Low power consumption
- For industrial and general applications
 - PC and ABS

HOW TO ORDER MS

Model	Light	Tone	Electronic siren(qty)	Dimensions (mm)
5805	LED Multifunction	43 Tone	2 123dB	113x183x210
5806	LED Multifunction	43 Tone	3 125dB	113x183x210
5807	LED Multifunction	43 Tone	3 125dB	293x183x190

Voltages Available: 110-220VAC and 12-24VAC/DC

5807 . 1 . 110-220VAC



5805

[MODEL]

[COLOR]

5806

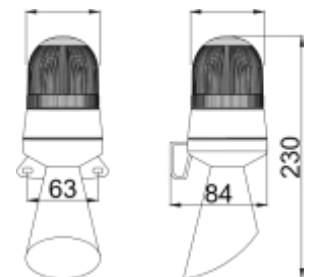
[VOLTAGE]

- 1 - red ● 2 - green ● 3 - amber
● 4 - white ● 5 - blue

5812/5813/5814 Light and Electronic Siren Combinations



- Xenon strobe double flash or multifunction LED
70 70
- Wall mounting easy assembly
- Loud 50 tone can be chosen via dipswitch inside
 - Sound pressure up to 120dB
 - Low power consumption
- For industrial and general applications
 - PC and ABS



Model	Light	Tone
5812	Xenon strobe 2 flash	50 Tone
5813	LED Multifunction	50 Tone
5814	LED Blinking	50 Tone

HOW
TO
ORDER



Voltagcs Available: 110-220VAC and 12-24VDC

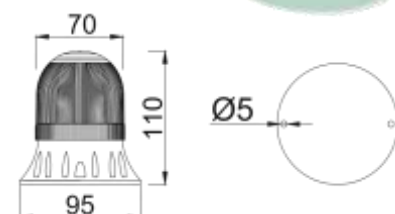
MS. 5812 1 12-24VDC [MODEL] [COLOR] [VOLTAGE]

- 1 - red ● 2 - green ● 3 - amber
● 4 - white ● 5 - blue



472/473/478 LED Buzzer Combinations for Machines

- LED multifunction 5 strobes, blinking, permanent, rotator modes
- Base and wall mounting easy assembly
 - Loud pulsed tone buzzer
 - Low power consumption
- For industrial and general applications
- PC and ABS compact design



MS 472 1 12-60VAC/DC

HOW TO ORDER

1 4 [MODEL][COLOR] [VOLTAGE]

- 1 - red ● 2 - green ● 3 - amber
● 4 - white ● 5 - blue

Model	Light	Tone	Specs
472	LED Multifunction	Tone	-
473	LED Multifunction	Tone	-
478	LED Multifunction	Tone	External Potentiometer

Voltagcs Available: 85-260VAC and 12-60VAC/DC

357 LED Buzzer Combinations



- LED multifunction 6 strobes, blinking, 70 permanent, rotator modes
- Base and wall mounting easy assembly
 - Loud pulsed tone buzzer
 - Low power consumption
- For industrial and general applications

Voltages Available: 85-260VAC and 12-60VAC/DC

- PC and ABS

357

1

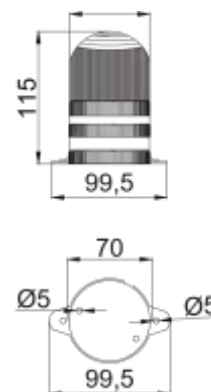
12-60VAC/DC

[HOW TO ORDER](#)

MS

[MODEL] [COLOR] [VOLTAGE]

1 - red 2 - green 3 - amber 4 - white 5 - blue



327

1

5

12VDC

[HOW TO ORDER](#) MS

[MODEL] [Color1] [Color2] [VOLTAGE]

1 - red 2 - green 3 - amber
4 - white 5 - blue

Model	Type	Light	Buzzer	2 Sided Warning lights
327	2 Sided Dome	Bulb permanent	-	
328	2 Sided Dome	Bulb Blinking	-	
329	2 Sided Dome	Xenon Strobe 2 flash	-	
330	2 Sided Dome	Xenon + Bulb Blinking	-	
331	2 Sided Dome	LED Multifunction	-	
324	Dome	Xenon Strobe 2 flash	buzzer	
325	Dome	Bulb permanent	buzzer	
394	Dome	LED Multifunction	buzzer	
446	Cylindrical	LED Multifunction	buzzer	

Dimensions: 70x120x200mm

Voltage Chart

Light:	Bulb Permanent	Bulb Blinking	LED Multifunction	Xenon Strobe
Voltages:	12VDC 24VDC 110VAC 220VAC	24VDC 220VAC	12-24VAC/DC 110-220VAC	24VAC/DC 220VAC

Light with 2 Tone Electronic Siren



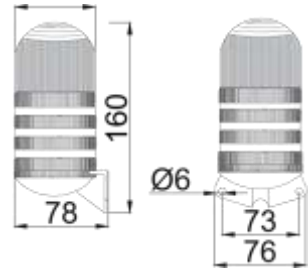
HOW TO ORDER

307 . 1 . 12VDC
[MODEL] [VOLTAGE]

1 - red 2 - green 3 - amber
4 - white 5 - blue



- Light options 70
- Wall mounting easy assembly
- 2 Tone loud Electronic Siren or horn
- For industrial and general applications
- PC and ABS
- Short circuit thin cables in order to



Model	Lens	Light	Tone
307	Dome	Bulb permanent	Electronic Siren tone
308	Dome	Bulb Blinking	Horn
381	Dome	LED Multifunction	Electronic Siren tone
306	Dome	Xenon Strobe 2 flash	Electronic Siren tone
404	Cylindrical	Bulb permanent	Electronic Siren tone
405	Cylindrical	Bulb Blinking	Horn
407	Cylindrical	Bulb Blinking	Electronic Siren tone
430	Cylindrical	LED Multifunction	Horn
445	Cylindrical	LED blinking	Electronic Siren tone
403	Cylindrical	Xenon Strobe 2 flash	Electronic Siren tone



Voltage Chart				
Light:	Bulb Permanent	Bulb Blinking	LED Multifunction	Xenon Strobe
Voltages:	12VDC 24VDC 110VAC 220VAC	24VDC 220VAC	12-24VAC/DC 110-220VAC	24VAC/DC 220VAC

change tone

LED Buzzer Combinations



HOW TO ORDER

1 . 24VDC 4800
MS .

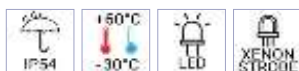
- Bulb permanent or bulb blinking •
- Wall mounting easy assembly
- Loud pulsed tone buzzer or horn
- For industrial and general applications • PC and ABS

Model	Light	Specs	Sound Pressure	Mounting	Dimensions (mm)
4800	Bulb Permanent E14	buzzer	95dB	Wall bracket	76x76x100
4801	Bulb Permanent E14	horn	98dB	Wall bracket	76x76x100
4805	Bulb Blinking	buzzer	95dB	Wall bracket	76x76x100
4807	Bulb Blinking	-	-	Wall bracket	76x76x100
5800	Bulb Permanent E14	horn	98dB	Wall bracket	76x76x220

Voltages available: 24VDC or 220VAC

[MODEL] [COLOR] [VOLTAGE]
 1 - red 2 - green 3 - amber
 4 - white 5 - blue

LED Buzzer and Xenon Buzzer Combinations



HOW TO ORDER MS

1266 . 3-24VAC/DC
[MODEL] [VOLTAGE]

- Light options
- Wall mounting easy assembly
- For industrial and general applications
 - ABS
- Buzzer sound 95dB

Specs			
Model	1266	1261	1265
Mounting:	Wall mounting	Wall mounting	Wall mounting
Tone:	1	1	1
Sound Output:	95dB	95dB	95dB
Light:	LED	Bulb	Xenon strobe 2 flash
Dimensions(mm):	76x76x110	76x78x90	76x78x90
Voltages:	3-24VAC/DC 24VAC/DC 220VAC/DC	24VDC 220VAC	24VAC/DC 220VAC

*3-24VAC/DC models have 2 tones.

Warning Beacons

300 Series



- Optional photosensor for light to turn on automatically at dusk

Model	Light	Specs	Mounting
356	LED Tower multifunction		Base mount
351	LED multifunction w/out Reflector suitable for wall mounting		Base mount
355	LED multifunction with Reflector	Photosensor	Base mount
332	Xenon strobe 2 flash	Photosensor	Base mount
373	LED multifunction		E27 plug
3730	Xenon strobe 2 flash		E27 plug
358	Xenon strobe 2 flash	-	Magnetic mount with cigarette plug

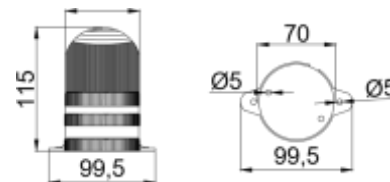
HOW TO ORDER

MS. 356 1 . 12-24VAC/DC

[MODEL] [COLOR] [VOLTAGE]

1 - red 2 - green 3 - amber
4 - white 5 - blue

- Light options 70
- Base or Wall mounting easy assembly
- For industrial and general applications
- PC and ABS



Voltage Chart

Light:	LED Multifunction	Xenon Strobe
Voltages:	12-24VAC/DC 110-220VAC	24VAC/DC 220VAC

Ø50mm Compact Beacons

Compact Beacons



8520/8521

8523



8527
8542



8550/8543



8524/8522

8540

8556

8541



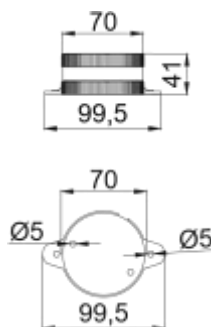
8544/8552



8553



HOW TO ORDER



MS 83006 . 1 . 24VAC/DC

MS 8520 . 1 . 12VDC

[MODEL] 1 - red [VOLTAGE]

2 - green

3 - amber

4 - white

5 - blue



IP54 +50°C 20°C LED XENON STROBE

HOW TO ORDER

Ø70 Mini Warning Beacons

MS

[MODEL] 1 - red [VOLTAGE]

2 - green

3 - amber

4 - white

5 - blue

Model	Light		Mounting	Dimensions (mm)
8520	Bulb permanent		PG13 Cable Gland	50x5
8521	Bulb Blinking		PG13 Cable Gland	50x5
8524	LED Multifunction		PG13 Cable Gland	50x5
8522	Xenon Strobe 2 flash		PG13 Cable Gland	50x5
8523	Bulb permanent		Wall bracket	50x5
8556	LED Multifunction		Wall bracket	50x5
8540	Bulb permanent		E27 Socket	50x5
8541	LED Multifunction		E27 Socket	50x5
8527	Bulb permanent		Short tube	45x7
8542	LED Multifunction		Short tube	45x7
8550	Bulb permanent		Tube	45x70
8543	LED Multifunction		Tube	45x70
8544	LED Multifunction		Tube model 2	45x70
8552	Bulb permanent		Tube model 2	45x70
8553	Bulb permanent 2 sided		Wall tube	70x10
Light:	Bulb Permanent	Bulb Blinking	LED Multifunction	Xenon Strobe
Voltages:	12VDC 24VDC 110VAC 220VAC	12VDC 24VDC 220VAC	12-24VAC/DC 110-220VAC	24VAC/ 220VAC

3 - amber

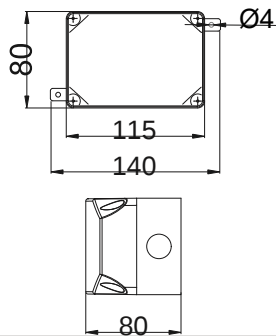
4 - white

5 - blue

- Compact can easily fit anywhere
- Base or Wall mounting
- Clear visual signals
- For industrial and general applications
- ABS
- IP54

Model	Light	Voltage	Mounting	Dimensions
83006	Xenon Strobe	24VAC/DC 220VAC	Base mount	100x70
83030	LED	12-24VAC/DC 110-220VAC	Base mount	100x70

- LED
- Wall,
- Low
- For
- PC



- multifunction 3 strobes, flashing, permanent modes
- Ceiling mounting easy assembly
- Innovative connector to create light combinations
- power consumption
- industrial and general applications
- and ABS

309/383 M30 Installation Mount Beacons

	Color	110-220VAC	12-24VAC/DC
1 Tier	Red	MS 250.1.110-220VAC	MS 250.1.12-24VAC/DC
	Green	MS 250.2.110-220VAC	MS 250.2.12-24VAC/DC
	Amber	MS 250.3.110-220VAC	MS 250.3.12-24VAC/DC
	White	MS 250.4.110-220VAC	MS 250.4.12-24VAC/DC
	Blue	MS 250.5.110-220VAC	MS 250.5.12-24VAC/DC
2 Tier	Red-Green	MS 218.1.2.110-220VAC	MS 218.1.2.12-24VAC/DC
3 Tier	Red-Amber-Green	MS 219.1.3.2.110-220VAC	MS 219.1.3.2.12-24VAC/DC
4 Tier	Red-AmberGreen-Blue	MS 220.1.3.2.5.110-220VAC	MS 220.1.3.2.5.12-24VAC/DC
5 Tier	Red-Amber-Green-Blue-White	MS 221.1.3.2.5.4.110-220VAC	MS 221.1.3.2.5.4.12-24VAC/DC

For different color combinations please contact us

250 LED Flashing Beacon

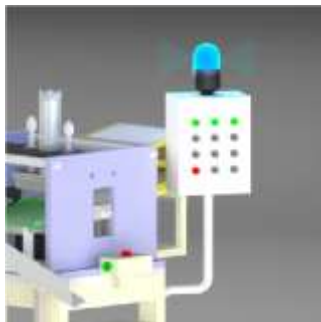


Buzzer	Color	110-220VAC	12-24VAC/DC
-	Red	MS 309.1.110-220VAC	MS 309.1.12-24VAC/DC
	Green	MS 309.2.110-220VAC	MS 309.2.12-24VAC/DC
	Amber	MS 309.3.110-220VAC	MS 309.3.12-24VAC/DC
	White	MS 309.4.110-220VAC	MS 309.4.12-24VAC/DC
	Blue	MS 309.5.110-220VAC	MS 309.5.12-24VAC/DC
85dB	Red	MS 383.1.110-220VAC	MS 383.1.12-24VAC/DC
	Green	MS 383.2.110-220VAC	MS 383.2.12-24VAC/DC
	Amber	MS 383.3.110-220VAC	MS 383.3.12-24VAC/DC
	White	MS 383.4.110-220VAC	MS 383.4.12-24VAC/DC
	Blue	MS 383.5.110-220VAC	MS 383.5.12-24VAC/DC



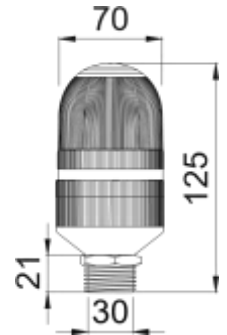
Traffic light combination

Combination with multi tone sounder



- LED multifunction 6 strobes, blinking, permanent, rotator modes
 - M30 Installation buzzer
 - Brass hex nut
 - 50.000hour LED life time
 - Low power consumption
- For industrial and general applications
 - PC and ABS

700 Series Ø90 Warning Beacons

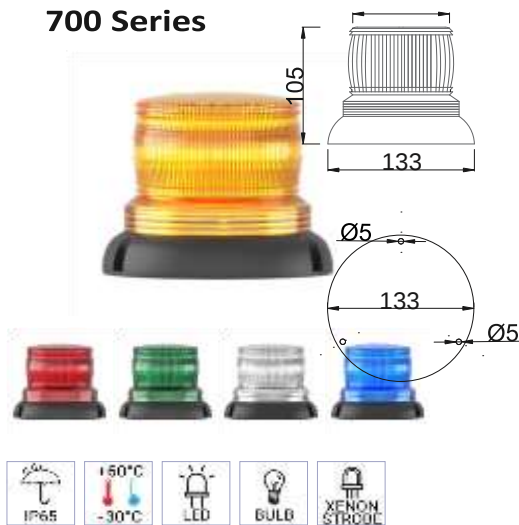


Model	Light	Specs	Mounting
706	Bulb Blinking	-	Base mount
713	Bulb Blinking	Buzzer	L bracket
702	Bulb permanent E14 10W	-	Base mount
726	LED Blinking	Buzzer	L bracket
720	LED Blinking	Photosensor	Base mount
730	LED Blinking	2 sided	L bracket
725	LED Multifunction	Buzzer	L bracket
729	LED Multifunction	-	L bracket
711	Rotator Mechanical BA15S 10W	-	Base mount
710	Rotator Mechanical BA15S 10W	-	Magnetic mount with cigarette plug
712	Rotator Mechanical BA15S 10W	-	L bracket
715	Rotator Mechanical BA15S 10W	Buzzer	L bracket
743	SMD LED Tower	-	Base mount
742	SMD LED Tower	Buzzer	Base mount
752	SMD LED Tower	Buzzer 43 tone	Base mount

Warning Beacons

Warning Beacons

700 Series



744	SMD LED w/out Reflector	-	Base mount
734	SMD LED with Reflector	-	Base mount
739	SMD LED with Reflector	-	Magnetic mount
733	SMD LED with Reflector	-	Magnetic mount with cigarette plug
738	SMD LED with Reflector	Buzzer	Magnetic mount with cigarette plug
703	Xenon strobe 2 flash	-	Base mount
723	Xenon strobe 2 flash	-	Magnetic mount
709	Xenon strobe 2 flash	-	Magnetic mount with cigarette plug
704	Xenon strobe 2 flash	-	Pipe mount
705	Xenon strobe 2 flash	-	L bracket
708	Xenon strobe 2 flash	Buzzer	L bracket
701	Xenon strobe 2 flash	Photosensor	Base mount
700	Xenon strobe 9 flash	-	Base mount



- Various light options 90°
- Optimized fresnel lens for perfect light distribution
- Wall, Base, Ceiling mounting easy assembly
- For industrial and general applications
- PC lens, ABS housing
- Optional photosensor for light to turn on automatically at dusk



- Optional buzzer

Magnetic mount

2 sided with cigarette plug

Pipe mount L mount bracket order no: 110 order no: 16
Branch guard metal order no:
970000700
Magnet Cigarette order no: 17 Plug 6m
order no: 11

706 . 1 . 12VDC

HOW TO ORDER MS

[MODEL] 1 - red [VOLTAGE]
2 - green
3 - amber
4 - white
5 - blue

600 Series Ø110

Voltage Chart			
Bulb Permanent	Bulb Blinking / Rotator BA15S 10w	Xenon Strobe	LED Multifunction
12VDC	12VDC	24VAC/DC	12-24VAC/DC
24VDC	24VDC	110VAC	110-220VAC
110VAC	220VAC	220VAC	12-60VAC/DC
220VAC			85-260VAC

Model	Light	Specs	Mounting
606	Bulb Blinking	-	Base mount

600 Series



614	Bulb Blinking	Buzzer	L bracket
602	Bulb permanent E14 10W	-	Base mount
635	LED Multifunction	Buzzer	L bracket
641	LED Blinking	2 sided	L bracket
631	LED Blinking	-	Base mount
634	LED Blinking	Photosensor	Base mount
646	LED Rotator Tetragonal	30 LEDs	Base mount
647	LED Rotator Hexagonal	43 LEDs	Base mount
612	Rotator Infinite Screw system BA15S 21W 24V 12V		Base mount
611	Rotator Mechanical BA15S 10W	-	Base mount
620	Rotator Mechanical BA15S 10W	-	Magnetic mount with cigarette plug
650	Rotator Mechanical BA15S 10W	-	L bracket
616	Rotator Mechanical BA15S 10W	Buzzer	L bracket
655	SMD LED Multi Tower	-	Base mount
660	SMD LED with Reflector	-	Base mount
633	SMD LED w/out Reflector	-	Base mount
630	SMD LED Multifunction	-	Magnetic mount with cigarette plug
603	Xenon strobe 2 flash	-	Base mount
638	Xenon strobe 2 flash	-	Magnetic mount
609	Xenon strobe 2 flash	-	Magnetic mount with cigarette plug
639	Xenon strobe 3 flash	-	Magnetic mount with cigarette plug
604	Xenon strobe 2 flash	-	Pipe mount
605	Xenon strobe 2 flash	-	L bracket
608	Xenon strobe 2 flash	Buzzer	L bracket
601	Xenon strobe 2 flash	Photosensor	Base mount
600	Xenon strobe 9 flash	-	Base mount
652	Xenon strobe 9 flash	-	Pipe mount

- Various light options
- Optimized fresnel lens for perfect light distribution
- Wall, Base, Ceiling mounting easy assembly
- For industrial and general applications
- PC lens, ABS housing
- Optional photosensor for light to turn on automatically at dusk
- Optional buzzer

Pipe mount L mount bracket order no: 110 order no: 16

Branch guard metal order no:
970000600

Magnet Cigarette order no: 17 Plug 6m
order no: 11

606 . 1 . 220VAC

HOW TO ORDER MS

[MODEL] 1 - red [VOLTAGE]
2 - green
3 - amber
4 - white
5 - blue

Voltage Chart			
Bulb Permanent	Bulb Blinking / Rotator BA15S 10w	Xenon Strobe	LED Multifunction
12VDC	12VDC	24VAC/DC	12-24VAC/DC
24VDC	24VDC	110VAC	110-220VAC
110VAC	220VAC	220VAC	12-60VAC/DC
220VAC			85-260VAC

800 Series Ø110

800 Series



Pipe mount order no: 110 L mount bracket order no: 16



Branch guard metal order no: 970000800



Magnet order no: 17



Cigarette Plug 6m order no: 11

HOW TO ORDER

MS 886 . 1 . 24VDC

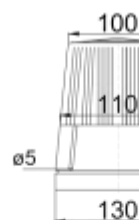
[MODEL]

- - red
- - green
- - amber
- - white
- - blue

[VOLTAGE]

50

- Various light options
- Optimized lens for perfect light distribution
- Wall, Base, Ceiling mounting easy assembly
- For industrial and general applications
- PC lens, ABS housing



Model	Light	Specs	Mo
886	Bulb Blinking E27 25W	-	Base
894	Bulb Blinking E27 25W	Buzzer	Base
833	Bulb Blinking E27 25W	photosensor	Base
831	Bulb Blinking E27 25W	Buzzer	L b
881	Bulb permanent E27 25W	-	Base
837	Bulb permanent E27 25W	photosensor	Base
847	LED Blinking	Buzzer	Magne
861	LED Blinking	Buzzer	L b
830	LED Blinking	64LED	Base
850	LED Blinking	95LED	Base
834	LED Blinking	photosensor	Base
832	LED Multifunction	-	Base
858	LED Multifunction	Buzzer	Magne
887	LED Multifunction	-	Pipe
898	LED Multifunction	Buzzer	Magne
863	LED Multifunction	Buzzer	Base mount w
862	LED Multifunction	Buzzer	Base mo
804	LED Rotator Tetragonal	30 LEDs	Base
805	LED Rotator Hexagonal	43 LEDs	Base
859	Rotator 24VDC 21W Halogen	-	Magne
853	Rotator BA15S 10W	-	Magne
895	Rotator BA15S 10W	-	Base
891	Rotator Infinite Screw system BA15S 21W 24V 12V	-	Base
838	Rotator Mechanical	Buzzer	Base
865	Rotator Mechanical	-	Base mo
840	Rotator Mechanical	Buzzer	Base mo
899	Rotator Mechanical BA15S 21W	Buzzer	L b
892	Rotator Metal Reflector H3 12 VDC 35W	-	Magnetic mount
896	Rotator Metal Reflector H3 12 VDC 35W	-	Base
885	Xenon strobe 2 flash	-	L b
883	Xenon strobe 2 flash	-	Base
889	Xenon strobe 2 flash	-	Base mount w
893	Xenon strobe 2 flash	Buzzer	Base mount w
835	Xenon strobe 2 flash	photosensor	Base
844	Xenon strobe 2 flash	Buzzer	Base
888	Xenon strobe 2 flash	Buzzer	L b
839	Xenon strobe 2 flash	-	Magne
843	Xenon strobe 2 flash	-	Magnetic mount
800	Xenon strobe 9 flash	-	Base

Voltage Chart

Bulb Permanent	Bulb Blinking / Rotator BA15S 10w	Xenon Strobe	LED Multifunction
24VDC	12VDC	24VAC/DC	12-24VAC/D
110VAC	24VDC	110VAC	110-220VAC
220VAC	220VAC	220VAC	12-60VAC/D
			85-260VAC

900 Series

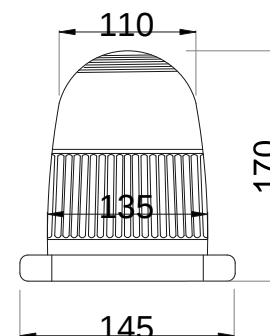
Ø135

Bulb Permanent	Bulb Blinking / Rotator BA15S 10W	Xenon Strobe	LED Multifunction
24VDC	24VDC	24VAC/DC	12-24VAC/DC
110VAC	220VAC	110VAC	110-220VAC
220VAC		220VAC	12-60VAC/DC
			85-260VAC

900 Series



- Various light options
- Optimized fresnel lens for perfect light distribution
- Wall, Base, Ceiling mounting easy assembly
- For industrial and general applications
- PC lens, ABS housing
- Optional photosensor for light to turn on automatically at dusk • Optional buzzer
- Optional mounting parts



Pipe mount no: 110 L mount bracket order no: 16

Branch guard metal order no: 970000900

Magnet Plug 6m Cigarette order no: 17

order no: 11



903 . 1 . 24VDC

HOW TO ORDER MS

- [MODEL] 1 - red [VOLTAGE]
- 2 - green
- 3 - amber
- 4 - white
- 5 - blue

Model	Light	Specs	Mounting
902	Bulb blinking E27 25W	-	Base mount
903	Bulb blinking E27 25W	Photosensor	Base mount
901	Bulb permanent E27 25W	-	Base mount
9001	LED blinking	95 LED	Base mount
9003	LED blinking	95 LED Photosensor	Base mount
911	LED permanent	95 LED	Base mount
917	Rotator 24VDC 21W Halogen		Base mount
920	Rotator BA15S 10W	-	Magnetic mount with cigarette plug
921	Rotator BA15S 10W	-	Base mount
918	Rotator Infinite Screw system BA15S 21W 24V 12V		Base mount
925	Rotator Metal Reflector H3 12 VDC 35W		Base mount
904	SMD LED 3 function	-	Base mount
922	Xenon strobe 2 flash	Photosensor	Base mount
927	Xenon strobe 2 flash		Base mount
907	Xenon strobe 2 flash	Buzzer	L mount
908	Xenon strobe 2 flash	11-110VDC	Base mount
9002	Xenon strobe 2 flash	11-110VDC	Base mount
909	Xenon strobe 2 flash	Photosensor	Base mount
900	Xenon strobe 9 flash	-	Base mount
906	Xenon super 3 strobe	-	L mount
914	Xenon super 3 strobe	-	Pipe mount

8000 Series Ø140 Warning Beacons

8000 Series

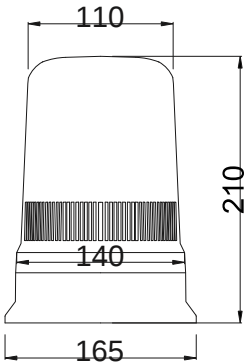
Model	Light	Specs	M
8903	Bulb blinking E27 25W	-	Ba
8904	Bulb blinking E27 25W	Photosensor	Ba
8902	Bulb permanent E27 25W	-	Ba
8001	LED Blinking	-	Ba
8003	LED Blinking	Photosensor	Ba
8004	LED Multifunction	-	Ba
8924	LED Multifunction	Buzzer	Ba
8050	LED Rotator Hexagonal	43 LEDs	Ba
8926	LED Rotator	Solar	Ba
8923	Rotator BA15S 10W	-	Ba
8925	Rotator BA15S 10W		Mag mou
8918	Rotator BA15S 10W	Buzzer	Ba
8932	Rotator BA15S 10W	-	Pip
8901	Rotator Infinite Screw system BA15S 21W 24V 12V		Ba
8920	Rotator Metal Reflector H3 12 VDC 35W		Ba
8922	Rotator Metal Reflector H3 12 VDC 35W		Pip
8910	Rotator synchronous motor only 220VAC		Ba
8005	SMD LED	-	Ba
8905	Xenon strobe 2 flash	-	Ba
8929	Xenon strobe 2 flash	Battery + Photosensor	Pip
8907	Xenon strobe 2 flash	Branch guard	Ba
8906	Xenon strobe 2 flash	Photosensor	Ba
8908	Xenon strobe 2 flash	Buzzer	L
8912	Xenon strobe 2 flash	Buzzer	Ba

Warning Beacons



- Various light options
- Optimized lens for perfect light distribution
- Wall, Base, Ceiling mounting easy assembly
- For industrial and general applications
- PC lens, ABS housing
- Optional photosensor for light to turn on automatically at dusk
- Optional buzzer

8000	Xenon strobe 9 flash	-	Ba
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Pipe mount L mount bracket order no: 110 order no: 16

 Branch guard metal order no: 9700008000

Magnet Cigarette order no: 17 Plug 6m order no: 11



8000	.	1	.	12VDC
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HOW TO ORDER MS

[MODEL] 1 - red [VOLTAGE]

2 - green

3 - amber

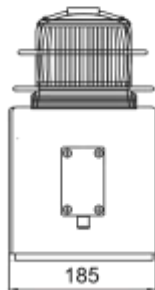
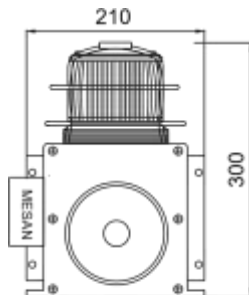
4 - white

5 - blue

Voltage Chart			
Bulb Permanent	Bulb Blinking / Rotator BA15S 10W	Xenon Strobe	LED Multifunction
24VDC	12VDC	24VAC/DC	12-24VAC/DC
110VAC	24VDC	110VAC	110-220VAC
220VAC	220VAC	220VAC	12-60VAC/DC
			85-260VAC

Heavy Duty Warning Beacons and Sirens

1333 Heavy Duty Warning beacon with Loud Siren



blue

- Bright Blinking LED 360 visibility
- Multi Tone Loud siren 130dB sound output
- Metal branch guard for lens protection
- Corrosion and heat resistant body
- Aluminum Diecast housing, metal siren, PC lens
- Special junction box and brass PG cable gland
- Optimized fresnel lens for perfect light distribution
- Wall and base mounting
- For industrial and heavy duty applications Heavy industry, shipyard, iron and steel production, ship loading machines, crane application areas

HOW TO ORDER

1333		
Tone	3	43
Specs		External Contact
Voltages	12VDC 220VAC	12-60VDC/AC 110-220VAC

[COLOR] [VOLTAGE]

green 3 - amber 4 - white 5 -

1333 . 1 . 12VDC



MS

[MODEL]

1 - red 2

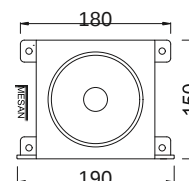
1334 Single Siren

Mounting:	Wall and Base			
IP	IP66			
Tone	3		43	
Specs			External Contact	
Voltages:	12VDC	220VAC	12-60VDC/AC	110-220VAC
Order no:	MS 1334.12VDC	MS 1334.220VAC	MS 1334.12- 60VDC/AC	MS 1334.110- 220VAC

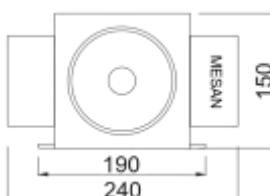
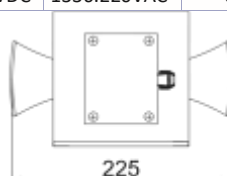
1334/1336 Heavy Duty Loud Siren



- Multi tone loud siren 130dB sound output
- Connection box included for easy connection
- Wall and Base mounting
- For industrial and heavy duty applications
- Aluminum diecast housing, metal siren
- Special junction box and brass PG cable gland
- For industrial and heavy duty applications Heavy industry, shipyard, iron and steel production, ship loading machines, crane application areas



1336 Double Siren				
Mounting:	Base			
IP	IP65			
Tone	3		43	
Specs			External Contact	
Voltages:	12VDC	220VAC	12-60VDC/AC	110-220VAC
Order no:	MS 1336.12VDC	MS 1336.220VAC	MS 1336.12-60VDC/AC	MS 1336.110-220VAC



Forklift Safety Lights

Forklift Warning Beacons



637

731



HOW TO ORDER

MS 731 . 3 . 11-110VDC



121

[MODEL]

[Color]



1258

[VOLTAGE]



451/481 Forklift Blue Spot / Red Beam Lights

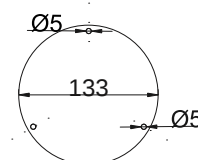
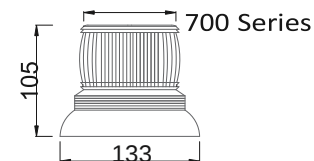


451

481



- Wide voltage range suitable for forklifts and other mobile vehicles
 - Various light options
- Optimized fresnel lens for perfect light distribution
 - Base mounting easy assembly
- For industrial and general applications
 - PC lens, ABS housing



Model	Light	Voltage	Mounting
731	Xenon strobe 2 flash	11-110VDC	Base mount
732	Xenon strobe 2 flash	11-110VDC	Magnetic mount
740	Xenon strobe 2 flash	11-110VDC	Magnetic mount with cigarette plug
745	SMD LED with Reflector	11-110VDC	Base mount
749	SMD LED with Reflector	11-110VDC	Magnetic mount
733	SMD LED with Reflector	11-110VDC	Magnetic mount with cigarette plug

Model	121	122	1260	1258
Mounting:	637 Xenon strobe 2 flash Wall mounting	11-110VDC Wall mounting	11-110VDC Wall mounting	11-110VDC Base mount Wall mounting
Tone:	1 tone	43 tones	1 tone	43 tones
Tone:	Alternating	Various	Pulsed	Pulsed
Sound	120dB	120dB	95dB	95dB

Dimensions: 70x70x98mm

- Wide voltage range suitable for forklifts and other mobile vehicles
- Aluminum body
- Special fresnel lens for perfect light distribution
- Wall, Base, Ceiling mounting easy assembly with accessory included



Model	Type	Light	Color	Voltage	Mounting
451	Blue Spot Light	CREE LED	Blue spot	9-80VDC	Mounting accessory
481	Red Beam Light	CREE LED	Red beam	9-80VDC	Mounting accessory

Reversing Buzzer

121 . 12-24VAC/DC

Sound pressure can be reduced by ~10 dB via turning window(for buzzer)

- For 122 sound pressure can be reduced via internal potentiometer
- For industrial and general applications
- Sealed electronics, low current consumption

HOW TO ORDER MS

[MODEL] [VOLTAGE]

Emergency Signal Devices

1327/1328 Emergency Gathering Point Light and Siren

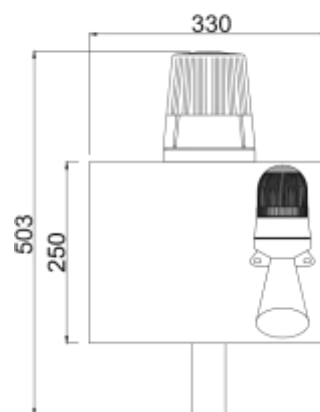


1327



- Used for marking the gathering point or for direction
- Internal 12V battery for usability in power outage
 - LED multifunction 360 visible
 - M30 Pipe mount or wall mount
 - Loud 50 tone siren
 - PC and ABS, metal pipe mount
 - Suitable for indoor/outdoor use

Order no:	Light	Tone
MS 1327	LED Multifunction	50 Tone
MS 1328	LED Multifunction	50 Tone
Voltages Available: 220VAC		



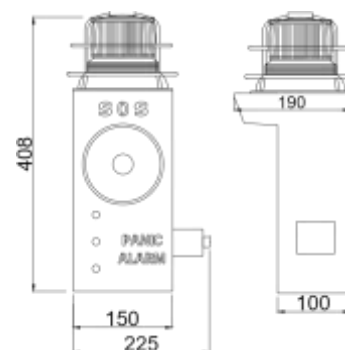
1328 mini

1327



1330 Emergency Light and Siren

- Used for emergency / security situations
 - LED multifunction 360 visible
 - Branch lens cover
 - Hang mount
- Loud 3 tone siren externally controlled
 - 130dB
 - External volume control
 - Metal, PC and ABS
- Suitable for indoor/outdoor use



Order no:	Light	Tone
MS 1330	LED Multifunction	3
Voltages Available: 220 'AC		

5809/5842 Emergency Light and Siren



5809

5842



• Dimensions: 113X143x210mm

- Used for emergency / security situations especially for cold storage rooms
- Internal 12V battery for usability in power outage it starts to work automatically in power cut
 - Loud 120dB Electronic Siren
 - LED multifunction 360 visible(5809 model) cold storage rooms
 - External volume control
 - For general applications
 - PC and ABS
- Suitable for indoor/outdoor use



Order no:	Light	Tone
MS 5809	LED Multifunction	2
MS 5842	-	2

Voltages Available: 220V .C

Solar Warning Beacons

5900/5901 LED Flashing Solar Warning Beacon



5900

5901



- Commonly used for flag poles
- PC lens, ABS
- Optimized reflector lens for perfect light distribution
- Red color
- Wall, Base, Ceiling mounting easy assembly
- For general applications



	Model	Light	Color	Mounting	Dimensions	
150 Solar	5900	LED	Red	Mounting accessory	95x35x215mm	LED Flashing Warning Beacon
	5901	LED	Red	Mounting accessory	85x95x165mm	

- Bright

LED and excellent reflector

- PC and ABS
- Optimized reflector lens for perfect light distribution
- Red color
- Base mounting easy assembly
- For general applications



Multifunction Solar Warning

LED

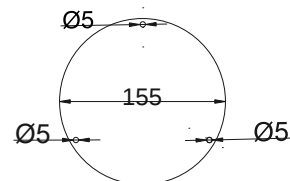
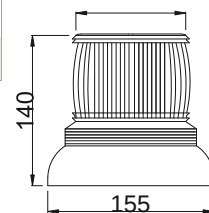
Model	Light	Color	Mounting	Dimensions	
150	LED	Red	Mounting accessory	100x100x180mm	618/627 Beacon

Model	Light	Mounting
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627	Multifunction	16pcs SMD LED	Base
618	Flashing	12pcs 10mm LED	Base

- 16pcs Bright SMD LED 110
- Multifunction LED patterns or flashing
 - PC and ABS
 - 2200mAH Battery
- Optimized fresnel lens for perfect light distribution



HOW TO ORDER

3 - 627 . 1 MS 1 - red 2 - green
amber

Pipe mount L mount bracket Magnet 4 - white 5 - blue order no: 110 order no: 16 order no: 17 [MODEL] [COLOR]

8933 LED Multifunction Solar Warning Beacon with pipe mount



- 24pcs Bright 10mm LED 110
- Flashing LED
- PC and ABS
- 2200mAH Battery
- Optimized lens for perfect light distribution
- Pipe mount

HOW TO

Model	Signal	Light	Mounting
8933	Flashing	12pcs 10mm Bright LED	Pipe

MS 1 - red 2 - green 3 - amber

max

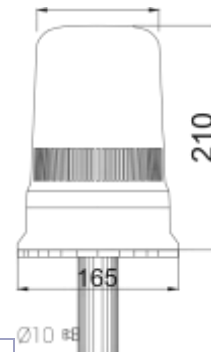
4 - white 5 - blue

[MODEL]

ORDER

8933 . 1

[COLOR] ø38,5mm



Warning Beacons with Battery

- Rechargeable LED Warning Beacons
- PC lens and ABS base 500 Series
- Buzzer is optional
 - Hang mount
 - 12V 1.3A Battery included
 - Durable structure
 - Charge adapter is sold separately (3320)



Tall

592
591

Model	Light	Specs	Size	Mounting
500	Bulb permanent 10W	-	Tall	Hang
501	Bulb blinking	-	Tall	Hang
502	Xenon strobe 2 flash	-	Tall	Hang
504	LED blinking	-	Tall	Hang
505	LED blinking	photosensor	Tall	Hang
507	LED rotator	-	Tall	Hang
508	Rotator mechanical	photosensor	Tall	Hang
511	Bulb permanent 10W	-	Short	Hang
512	Bulb blinking	-	Short	Hang
513	Xenon strobe 2 flash	-	Short	Hang
514	Xenon strobe 2 flash	photosensor	Short	Hang
515	Multifunction LED	-	Short	Magnetic Base + Hang
516	LED Blinking	photosensor	Short	Hang
517	Rotator mechanical	buzzer	Short	3 screws
518	Rotator mechanical	-	Short	3 screws
519	Xenon strobe 2 flash	buzzer	Short	3 screws
594	Multifunction SMD LED with reflector	buzzer	Short	3 screws
595	Rotator mechanical	buzzer	Short	3 screws
596	LED Blinking	buzzer	Short	3 screws

Rechargeable Warning Light

Model	Light	Specs	Mounting
6607	Rechargeable LED Multifunction on-off	-	magnetic mount
6608	Rechargeable LED Multifunction on-off	buzzer	magnetic mount
592	LED multifunction on off button buzzer		Hang
1412	Rechargeable LED Multifunction on-off	buzzer	magnetic mount
1390	Rechargeable LED Multifunction on-off	-	magnetic mount
1391	Rechargeable LED Multifunction on-off	buzzer	magnetic mount
3320	30W Charge adapter		



6607
6608

155x155x140mm



3320



1412



1390
1391

110x200x225mm

110x200x175mm

- Rechargeable LED Warning Beacons
- Buzzer is optional
- Magnetic base
- 12V 1.3A Battery included
- Durable structure, PC lens ABS base
- Charge adapter is sold separately (3320)



Traffic Lights

Ø70 Mini LED Traffic Lights



Multifunction modes: 3

flash, blinking, permanent

Dimensions:

2 Tier 75x140x230mm

3 Tier: 75x140x350mm

	Light	Specs	Color	110-220VAC	12-24VDC
2 Tier	SMD LED	Multifunction	Red Green	MS 8045.1.2.110-220VAC	MS 8045.1.2.12-24VDC
	Bulb	Permanent		MS 8055.1.2.110-220VAC	MS 8055.1.2.12-24VDC
3 Tier	SMD LED	Multifunction	Red Yellow Green	MS 8044.1.3.2.110-220VAC	MS 8044.1.3.2.12-24VDC
	Bulb	Permanent		MS 8054.1.3.2.110-220VAC	MS 8054.1.3.2.12-24VDC

Ø100 LED Traffic Lights



Dimensions:

1 Tier: 175x10x140mm

2 Tier: 175x10x370mm

3 Tier: 175x10x550mm

1 - red 2 - green 3 -
amber Multifunction
modes: 3 flash, blinking,
permanent

Ø200 Power LED Traffic

Lights



	Light	Specs	Color	220VAC	24VDC
1 Tier	SMD LED	Multifunction	Red Yellow Green	MS 8013. .220VAC ○	MS 8013. .24VDC ○
	Bulb	Blinking		MS 8011. .220VAC ○	MS 8011. .24VDC ○
	Bulb	Permanent		MS 8010. .220VAC ○	MS 8010. .24VDC ○
	SMD LED	Multifunction + Buzzer		MS 8019. .220VAC ○	MS 8019. .24VDC ○
2 Tier	SMD LED	Multifunction	Red Green	MS 8025.1.2.220VAC	MS 8025.1.2.24VDC
	Bulb	Blinking		MS 8018.1.2.220VAC	MS 8018.1.2.24VDC
	Bulb	Permanent		MS 8017.1.2.220VAC	MS 8017.1.2.24VDC
	SMD LED	Multifunction + Buzzer		MS 8048.1.2.220VAC	MS 8048.1.2.24VDC
3 Tier	SMD LED	Multifunction	Red Yellow Green	MS 8027.1.3.2.220VAC	MS 8027.1.3.2.24VDC
	Bulb	Blinking		MS 8029.1.3.2.220VAC	MS 8029.1.3.2.24VDC
	Bulb	Permanent		MS 8026.1.3.2.220VAC	MS 8026.1.3.2.24VDC

	Color	220VAC	24VDC
1 Tier	Red	MS 8032.1.220VAC	MS 8032.1.24VDC
	Green	MS 8032.2.220VAC	MS 8032.2.24VDC
	Yellow	MS 8032.3.220VAC	MS 8032.3.24VDC
2 Tier	Red-Green	MS 8035.1.2.220VAC	MS 8035.1.2.24VDC
3 Tier	Red-Yellow-Green	MS 8047.1.3.2.220VAC	MS 8047.1.3.2.24VDC

1 Tier: 280x180x400mm

2 Tier: 280x180x675mm

3 Tier: 280x180x960mm

Ø300 Power LED Traffic Lights



	Color	220VAC	24VDC
1 Tier	Red	MS 8042.1.220VAC	MS 8042.1.24VDC
	Green	MS 8042.2.220VAC	MS 8042.2.24VDC
	Amber	MS 8042.3.220VAC	MS 8042.3.24VDC
2 Tier	Red-Green	MS 8043.1.2.220VAC	MS 8043.1.2.24VDC
3 Tier	Red-Amber-Green	MS 8049.1.3.2.220VAC	MS 8049.1.3.2.24VDC

- 1 Tier: 360x190x485mm
- 2 Tier: 360x190x740xmm
- 3 Tier: 360x200x1270mm

Traffic Lights

Solar LED Traffic Lights



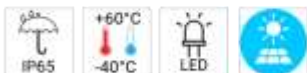
- No need external power, no need wiring.
- Energy saving. Low-power, solar cell, low cost
- Environmental. No harmful substance, no pollutant.
- PC and ABS durable material
- Bright LED

HOW TO ORDER

MS **8000** . **1**
[MODEL] [COLOR]

- 1 - red
2 - green
3 - amber

Diameter	Light	Specs	Model
Ø200	LED	Solar	8038
Ø300	LED	Solar	8039

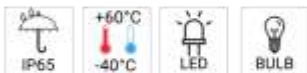


8008/8009 Garage Warning Light



- Suitable for private garage entrances

Light	Specs	220VAC
LED	Permanent	MS 8008.1.2.220VAC
Bulb	Permanent	MS 8009.1.2.220VAC



159 Solar Road Stud



- Solar Road Stud also know as cat eyes, can help to reduce accident at regional rail crossing, intersection and provide guidance and hazard warning to drivers in darkness and bad weathers.
- Can handle up to 40tons

Light	Specs	Color	
LED	Flashing	red	MS 159.1
		yellow	MS 159.3

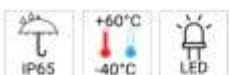


8056 4 Side Mini Traffic Light



- 4 Sided traffic light
- All application
- Waterproof
- LED Multifunction
- Suitable for schools, playgrounds, amusement parks

Light	Specs	
LED	Multifunction	MS 8056.1.2.220VAC
LED	Multifunction	MS 8056.1.2.24VDC



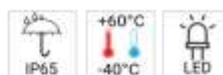
8023 Rotatable Traffic Light



- Can rotate 360° horizontally
- Can rotate 180° vertically

Light	Specs	
LED	Multifunction	MS 8056.0.220VAC

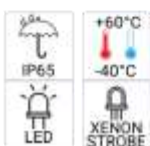
- 1 - red 2 - green 3 - amber



1353 Mini Strobe Light



- Red light flashing + xenon strobe
- Internal photosensor
- All application
- Waterproof
- D type 1,5V Battery (not included)
- 40x40x121mm



1220 LED Baton



- 10pcs bright LED
- Works with 2 pcs D sized 1.5V battery(not included)
- Permanent and flashing modes
- Red color
- ABS
- 40x40x540mm



Why Obstruction Lights are used?

According to law buildings of a specific height and in the vicinity of airports as well as factory chimneys, towers, poles, cranes, power lines etc. must be equipped with obstruction lights.

Obstruction lighting is one of the most important aspects of flight safety and is also the most efficient. This special lighting makes obstacles visible for pilots in the dark or when visibility is poor.

The ICAO regulations regarding the methods of marking and lighting aviation obstacles can be found in ICAO Annex 14.

We as Mesan Electric has developed and continue to improve our products for flight safety with our 45+years of experience in this field. We developed, together with main actors of Telecom, Building and Energy sectors, tailored business cases for design strategies that have met all expectations and needs. We provide low cost and also high end products for users.



Aluminum Base



Armed lights

with Junction Box



Dual

1325



1342

1350

Plastic Base



1321/1322/1323



1335



1320



1362

Steel Base

- Steel: high strength-low alloy, galvanized oven painted in industrial paint baking oven

Models with Back Up Battery for power outage



1310



Pipe mount
order no: 117

1311



Wall mount
bracket order
no: 118



Mounting bracket
order no: 119

Low Intensity Obstruction Lights



- Compliance with ICAO ANNEX 14 and FAA
- Automatic day and night switch
 - 360° visibility
 - Low power consumption
 - up to 50.000h LED lifetime
 - Easy installation
 - Wide range power supply
 - Resistance to corrosion
- PC Lens and ABS, Steel, aluminum housing options
- Integrated sensors in the light are able to detect when the ambient light threshold drops sufficiently and the light will begin operation automatically
- The light fixture incorporates internal diagnostic checking and an alarm contact for remote monitoring(Alarm contacts)

Model	Light Source	Light Intensity	Color	Effect	Body	Voltage	Specs		Backup Light Main + Standby	Optional	
										Alarm Contacts	GPS Synch
1321	Xenon	>32cd	Red	Flash	ABS	48VDC		CE	✓	☺✓	-
1322	Xenon	>32cd	Red	Flash	ABS	220VAC		CE	✓	✓	-
1323	Xenon	>32cd	Red	Flash	ABS	24VDC		CE	✓	✓	-
1335	LED	>32cd	Red	Flash	ABS	48VDC 220VAC		CE	✓	✓	-
1320	LED	>200cd	Red	Flash	Steel	18-65VDC 220VAC		CE	-	-	-
1362	LED	>400cd	Red	Flash	Steel	220VAC			-	-	-
1325	LED	>32cd	Red	Flash/ Permanent	ABS/ Steel	15-60VDC 85-265VAC	Dual w/ arm	CE	✓	✓	☺✓
1342	LED	>32cd	Red	Flash/ Permanent	ABS/ Steel	15-60VDC 85-265VAC	w/ arm	CE	✓	✓	☺✓
1310	Xenon	>32cd	Red	Flash	ABS	220VAC	Battery		✓	✓	
1311	Xenon	>32cd	Red	Flash	ABS	220VAC	Battery		✓	✓	

1350	LED	>200cd	Red	Flash/ Permanent	Aluminum	15-60VDC 85-265VAC		CE	✓	✓	✓
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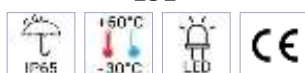
Solar Obstruction Lights



1292



151



- High-performance solar modules angled to maximize solar collection
- Self-contained solar powered obstruction light with integrated solar/battery system.
- Saves time and maintenance costs
- Steel: high strength-low alloy, galvanized oven painted in industrial paint baking oven
- Aluminum Diecast: painted in industrial paint baking oven

Model	Light Source	Light Intensity	Color	Effect	Body Options	Specs
1292	LED	>32cd	Red	Flash	Aluminum Diecast	RF Remote Control
					Steel	
151	LED	>32cd	Red	Flash	Steel	

Dimensions:

1292: 420 x 330 x 190mm

151: 480 x 430 x 600 mm

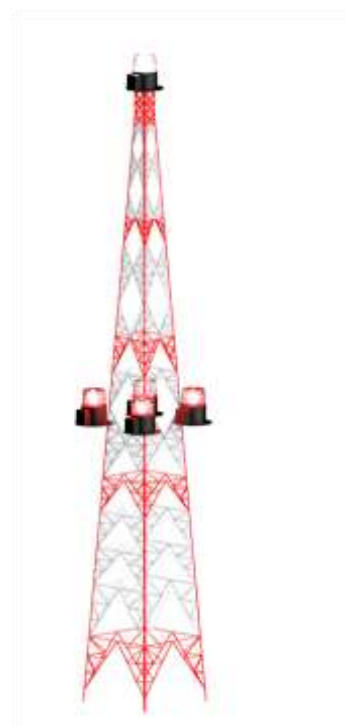
Medium Intensity Obstruction Light



- Compliance with ICAO ANNEX 14
- Automatic day and night switch
- 360° visibility
- up to 50.000h LED lifetime
- Easy installation
- Wide range power supply
- PC Lens and Aluminum die cast body resistance to corrosion
- Integrated sensors in the light are able to detect when the ambient light threshold drops sufficiently and the light will begin operation automatically



Model	Type	Light Source	Light Intensity	Color	Signal Effect	Voltages	Backup Light Main + Standby	Optional Alarm Contacts	Optional GPS Synch
1365	Type B	CREE LED	2000cd ±25%	Red (Night)	Flash	85-245VAC 48VDC	-	-	✓
1366	Type B	CREE LED	2000cd ±25%	Red (Night)	Flash	85-245VAC 48VDC	✓	✓	☺✓
1367	Type A&B	CREE LED	20000cd ±25% 2000cd ±25%	White (Daytime) Red (Night)	Flash	85-245VAC 48VDC	-	-	☺✓



1368	Type A	CREE LED	20000cd ±25% 2000cd ±25%	White (Daytime) White (Night)	Flash	85-245VAC 48VDC	-	-	☺✓
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Pipe mount

Wall mount

no: 118

Mounting bracket order no: 117

bracket order

order no: 119

Obstruction Lights Annhung & Mesan

Obstruction Lights

Anhang Technology and Mesan Electric Co. is a specialized enterprises focusing on research, production, sales and after-sales service of aviation obstruction light, aircraft warning light, helipad lighting, solar airfield lights, marine navigation lanterns. Our company headquarter is in Hong Kong and have more than 10 years manufacturing experience for clients from whole world. Our products are patented and also have passed CE, ICAO, ISO9001, etc. All aviation obstruction light, aircraft warning lights, helipad lighting, solar airfield lights are fully complied with standards of ICAO, FAA, CAAC. All marine navigation lanterns are fully complied with standards of IALA.

Mini Low Intensity



Low Medium
MS 2000

Intensity
MS 2014

Intensity

Solar Medium High Intensity

Intensity
MS 2015
MS 2016

MS 2006

Solar



LED Solar Powered
Marine Lantern
Light
MS 2007
MS 2011

LED Solar Powered
Marine Lantern MS
2008
MS 2009

Solar Airport
Light
MS 2012

Solar Airport
Light Controller
MS 2013

MS 2010



	Model		Light Source	Light Intensity	Color	Effect	Voltages	Dimensions (mm)
Low Intensity	MS 2000	AH-LI-B2	CREE LED	≥32cd	Red (Night)	Steady, 20-60fpm	within same unit 48VDC 110-240VAC	90×90×130
	MS 2014	AH-LS-L					SOLAR	162×162×160
Medium Intensity	MS 2003	AH-MI-A2	CREE LED	≥20000cd ≥2000cd	White	20-60fpm	48VDC or 110-240VAC	229×229×168
	MS 2001	AH-MI-B2	CREE LED	≥2000cd	Red (Night)	20-60fpm		229×229×168
	MS 2004	AH-MI-C2	CREE LED	≥2000cd	Red (Night)	Steady		229×229×168
								229×229×168



	MS 2002	AH-MI-AB	CREE LED	≥20000cd ≥2000cd	White (Daytime) Red (Night)	20-60fpm		229×229×168
	MS 2005	AH-MI-AC	CREE LED	≥20000cd ≥2000cd	White (Daytime) Red (Night)	Day: 20-60fpm Night: Steady		229×229×168
	MS 2015	AH-MS-B3	CREE LED	≥2000cd	Red (Night)	20-60fpm	SOLAR	450×320×300
	MS 2016	AH-MS-A1	CREE LED	≥20000cd ≥2000cd	White (Daytime) Red (Night)	20-60fpm	SOLAR	500×450×320
High Intensity	MS 2006	AH-HI-A0	CREE LED	≥200,000cd(Daytime) (ICAO) ≥270,000cd(Daytime) (FAA L-856) ≥20,000cd(Twilight) ≥2,000cd(Night)		40-60fpm	48VDC or 110-240VAC	510×196×245
Solar Marine	MS 2007	AH-LS-C	CREE LED	1-3NM (AT@0.74)	Red, Green, Amber, White, Blue	0.5S ON, 2.5S OFF	-	162×162×160
	MS 2008	AH-ML-S6	CREE LED	4-8NM(AT@0.74)		Adjustable IALA 256 flash characters	-	250×250×320
	MS 2009	AH-ML-S0	CREE LED	8-11NM (AT@0.74)			-	250×250×480
	MS 2011	AH-LS-P2	CREE LED	6-15NM (AT@0.74)			-	220×220×233
S.Airfield Light	MS 2012	AH-SA-B	CREE LED	12cd		Steady	-	162×162×160
	MS 2013	AH-SA-A	CREE LED	☀35cd		Steady	-	250×250×340

Model	Body		Voltages		IP Rate	Dimensions
MS 2010 AH-OC-K2 Light Controller		Powder coated cold-roll steel		110VAC 240VAC 48VDC 12VDC	IP65	400×300×200

*fpm: Flash per minute

Helipad Lights Annhung & Mesan

Helipad Lights



- LED as light source saving power consumption and maintenance
- 95% less power than equivalent incandescent light ☐
- In compliance ICAO Annex 14 Volume Heliports 5.3.2
- In compliance FAA AC 150/5390-2B Heliport Design Guide



Inset Light
FATO & TLOF
MS 3005



LED Heliport
Flood Light
Obstruction Light



LED Heliport Beacon
Low Intensity
MS 3003



Wind Cone with
MS 3010 MS 3000



Light Controller
MS 3002

MS 3004

Model	Light Source	Light Intensity	Color	Effect	Body	Voltages	IP Rate	Dimensions
MS 3000 AH-HP-I	LED	≥100cd	Green, amber, white, blue	Permanent	Anodized Die-casting aluminum	48VDC 110-240VAC	IP68	194×194×138

MS 3002	AH-HP-F	LED	3084Lm 120°	White	Permanent	Aluminum alloy	24VDC 48VDC 110-240VAC	IP66	154×108×104
MS 3003	AH-HP-B1	LED	≥2500cd	White	Special	Powder-coated	12-48VDC	IP65	220×220×233
			≥2500cd	White	Special	Die-casting aluminum	110-240VAC		
MS 3005	AH-SA-HP	LED					SOLAR	IP68	250×250×20

Model		Light Source	Light Intensity	Color	Effect	Body	Voltages	IP Rate	Dimensions
MS 3004	AH-HP-W1	LED	≥32cd	Red	Permanent	Stainless Steel	12-48VDC		
		LED	3084Lm 120°	White	Permanent	Aluminum alloy	110-240VAC	IP65	Below

An aerodrome shall be equipped with at least one wind cone as wind direction indicator.

The flood light for illumination is inside wind sock, it will rotate together with windsock too.

One obstruction light on top for aircraft warning.

Pole height: ☺ 4m, Length: 1.2m, big diameter: 300mm, small diameter: 150mm

☺ Pole height: 4m-6m, Length: 2.4m, big diameter: 600mm, small diameter: 300mm

☺ Pole height: ☺ 6m, Length: 3.6m, big diameter: 900mm, small diameter: 450mm



Model	Body	Voltages	IP Rate	Dimensions
MS 3010 AH-HP-G Light Controller	Powder coated cold-roll steel	110VAC 240VAC 48VDC 12VDC	IP65	400×300×200 mm



Qinsun and Mesan Electric Co. are cooperating since 2010. Shanghai Qinsun Electric Co., is high-tech enterprise base on independent innovation and combines R&D production and marketing in one. Qinsun is the most innovative company in the field of LED explosion proof lighting, and is regarded as innovator and leader in the same field. We are proud cooperating with Qinsun providing designs, tests and final certified products to our customers special needs.

What is Explosion Proof Lighting?

- Explosion-proof lighting works by e

nsuring ignition of the flammable airborne specks in the fixture keeping the ghting fixture, the contacts, bulb, wiring and switches are exposed to the atmosphere. tch, and even the heat of the bulb can be enough to create a flammable atmosphere. In explosion that may happen is contained inside of

the fixture itself.

Explosion Proof Lighting

Qinsun and Mesan



ATEX
Certificate



CNEX
Certificate



BLD230



BLD190



BLD150



GLD290H



	BLD180		BLD530		BZD310	BJD330	BJD320	
	Model		Light	Power	Lumen	Area Class	Certification	Voltages
High/Mid Bay	MS 1400.30W	BLD230-30W	LED	20W	3300lm	Zone:1,2,21,22		110-220VAC
	MS 1400.60W	BLD230-60W	LED	60W	6600lm	Zone:1,2,21,22		110-220VAC
	MS 1400.80W	BLD230-80W	LED	80W	8800lm	Zone:1,2,21,22		110-220VAC
	MS 1401.30W	BLD190-30W	LED	30W	3300lm	Zone:2,21,22		110-220VAC
	MS 1401.40W	BLD190-40W	LED	40W	4400lm	Zone:2,21,22		110-220VAC
	MS 1402	BLD220	LED	20W	3300lm	Zone:1,2,21,22		110-220VAC

Flood Light	MS 1403.40W	BLD150-40W	LED	40W	4400lm	Zone:1,2,21,22		110-220VAC
	MS 1403.60W	BLD150-60W	LED	60W	6600lm	Zone:1,2,21,22		110-220VAC
	MS 1403.80W	BLD150-80W	LED	80W	8800lm	Zone:1,2,21,22		110-220VAC
	MS 1404.160 W	BLD150-160W	LED	160W	16500lm	Zone:1,2,21,22		110-220VAC
Street Light	MS 1405.100 W	GLD290-100W	LED	100W	12000lm	-		110-220VAC
Linear Light	MS 1406	BLD180-18W	LED	18W	1800lm	Zone:2,21,22		110-220VAC
	MS 1407.18W	BLD530-18W	LED	18W	900lm	Zone:1,2,21,22		110-220VAC
	MS 1407.36W	BLD530-36W	LED	36W	1800lm	Zone:1,2,21,22		110-220VAC
Emergency Exit Signal	MS 1410	BZD310	LED	3W	-	Zone:1,2,21,22		110-220VAC
	MS 1408	BJD330	LED	10W	-	Zone:1,2,21,22		110-220VAC
	MS 1409	BJD320	LED	6W	-	Zone:1,2,21,22		110-220VAC



Model	Light	Signal	Specs	Voltages	Dimensions(mm)
152	LED	Multi	Solar	Solar	200x200x460
1302	Bulb	Permanent		12VDC / 24VDC / 220VAC	200x200x460
1303	Bulb	Blinking		12VDC / 24VDC / 220VAC	200x200x460
1306	Xenon	2 flash		24VAC/DC / 220VAC	200x200x460
1308	LED	Blinking		24VDC / 220VAC	200x200x460
1389	LED	Multi		12-24VDC / 110-220VAC	200x200x460
Ex-Proof Obstruction Light					
1299	Xenon	2 flash	Backup	48VDC / 220VAC	200x200x460
1319	LED	Blinking	Backup	48VDC / 220VAC	200x200x460

Mounting part
Order no: 99



THE FIRST NAME IN SIGNAL SINCE 1974

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