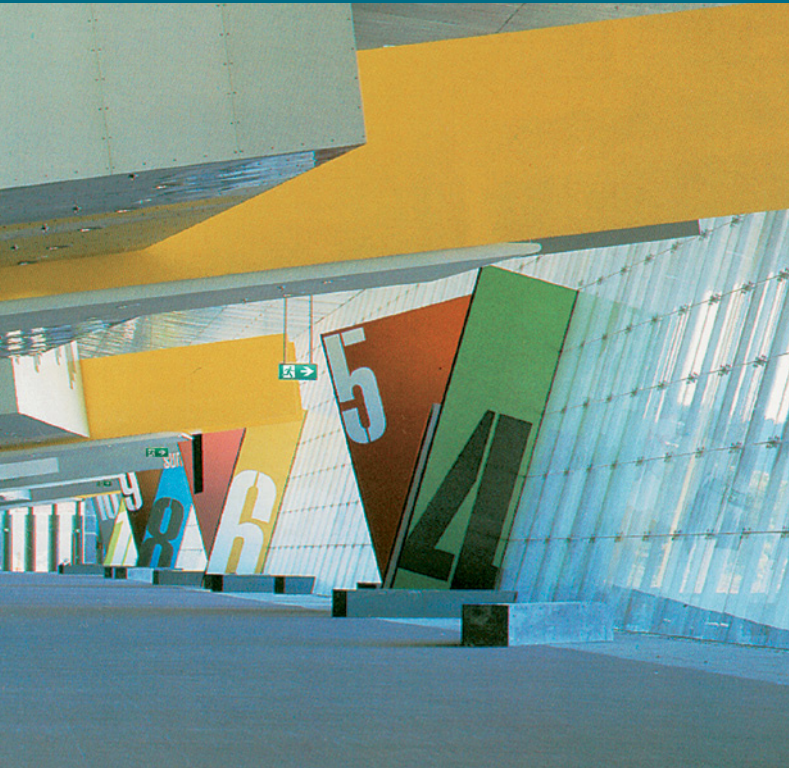


Emergency Lighting



Famco offer a comprehensive and coordinated range of emergency lighting equipment which is marketed throughout Australia and South East Asia under the **FAMCO EMERGENCY** label. All **Famco emergency** products utilize state of the art technology to provide high performance, high reliability and cost effective emergency lighting systems. Famco have extensive research and testing facilities to design and manufacture **Famco emergency** products which meet and exceed the requirements of AS/NZ2293.

Famco uses microprocessor based quality control testing at all stages of manufacture to ensure **Famco emergency** products meet their exacting requirements. **Famco** engineers are pleased to provide technical assistance with the selection and specification of equipment for your emergency lighting requirements.

Design Service

Famco can offer experienced assistance in emergency lighting installation design in line with the current Australian and New Zealand Standards and building codes where applicable.

Environmentally Friendly

For the specially environmentally conscious some Famco emergency luminaires and Exit signs are also available with environmentally friendly batteries. Extensive research and testing has resulted in luminaires whose performance meets the high standards of the standard Famco range whilst minimising possible long term adverse environmental effects.

Special Application Fittings

Famco have available a number of classified special application fittings, such as the very large vandal resistant Exit signs shown here. The wide range of special emergency luminaires and Exit signs precludes them from being included in this publication. Famco can develop and manufacture emergency luminaires and Exit signs for your special application.



Remote Power Supply

Operation from a remote central system supply

Most Famco emergency luminaires and Exit signs can be supplied to operate from a central battery system supply. The remote power supply voltage must be specified when ordering. The MasterMinder MLC system can also be used on central systems to monitor, test and record the operation of the system and to help maintain economically its designed safety.

ORDERING REMOTE POWER SUPPLY LUMINAIRES

Specify the standard Famco catalogue number followed by voltage and supply type.

Example:
F9914L/SM/RMS/240VDC
240V DC Central System

Terminology

REMOTE POWER SUPPLY

An emergency luminaire designed to operate from a remote central battery system.

SELF CONTAINED

An emergency luminaire with integral battery charger, inverter (where used) and controls for sensing power failure and changing over to the built in emergency batteries and vice versa.

MAINTAINED

An emergency luminaire in which the single emergency lamp operates on both normal and emergency supplies.

NON MAINTAINED

An emergency luminaire in which the lamp operates on emergency supply only, on failure of the normal supply.

SUSTAINED (COMBINED)

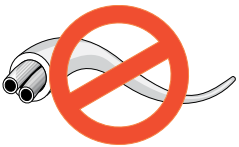
An emergency luminaire containing separate lamps for mains and emergency operation.

MasterMinder™

Patent 685314 and other Patents, Registered Designs and Copyrights apply.



FMM - Using communications cables



MLC - Without communications cables

The MLC 'no communications cable' system can also be used on existing or new central battery systems

- Simple to install and operate
- Provides the most comprehensive information
- Arguably the best and most widely used systems in Australia



Note: Computer and printer optional extras

Why

All public and large buildings require the installation of approved emergency lighting equipment. Moreover Australian and New Zealand Standard AS/NZS2293 stipulates that the equipment be tested regularly, batteries fully discharged, all units maintained in operating condition and a record kept of all tests.

How

Using advanced computer technology the Famco MasterMinder™ system performs all of the above functions. Each MasterMinder™ emergency luminaire incorporates state of the art electronics to test, monitor and report on the critical functions of the luminaire. Testing is initiated from a Supervising Control Unit (SCU). Test results and faults are reported back to the Supervising Control Unit (SCU) and computer.

A computer is required for programming and data collection.

Maintained safety - economically

The MasterMinder™ system advises the user of the state of the installation continuously (FMM system) or on demand, in MLC systems.

- Both the MasterMinder™ systems use a very high quality dual rate charging system which prolongs battery life and its function is reported after each test.
- The test or fault reports indicate the nature of any problems thus obviating unnecessary replacement of parts or units.
- Eliminates manual discharging which is laborious, costly and often neglected.
- The MasterMinder™ facilitates the regular discharge of the batteries thus prolonging their life.
- Its unique reporting on the battery voltage, both at the beginning and end of each test gives a complete guide to the performance of the rechargeable battery.
- Unit numbering is done with a handheld infrared programmer after installation.

In summary, the MasterMinder™ positively prolongs the life of the equipment and avoids unnecessary expense, while providing documented evidence that the system is functional.

Two computerised, automatic monitoring and testing systems for emergency luminaires and exit signs

Dedicated wiring (FMM) or MultiLine Carrier (MLC) systems

Famco offers two alternative systems (FMM and MLC) for communicating between the Supervising Control Unit and each emergency luminaire.



MasterMinder™ FMM

The MasterMinder™ FMM system with communication cabling uses the RS485 BUS communication system utilising a single twisted pair cable offering the following benefits:

- Simplest cabling installation, no return loop required.
- Removal or disconnection of a fitting does not effect integrity of the system.
- System detects and reports line break and location.
- Fittings can be added or deleted without interrupting the operation of the system.
- No additional wired devices such as concentrators, repeaters or end of line devices, saving on equipment and installation costs



MasterMinder™ MLC (Multiline Carrier)

The MasterMinder™ MLC system (Patent No. 695314), without communication cabling, in addition to the above benefits, uses normal mains or central system wiring to communicate with individual emergency luminaires. There is consequently a significant saving resulting from the use of existing or new mains wiring. Luminaires can be easily added or removed. The MLC system is designed to be used in buildings wired to Australian Standard AS2293 and with RF noise levels complying with Australian and International Standards.



MasterMinder™ SCU2



MasterMinder™ SCU5

Supervising Control Units (SCUs)

The MasterMinder™ system is controlled and monitored by a Supervising Control Unit (SCU). The SCU monitors the system without a computer. A computer is only required to program tests, analyse data, and add or delete luminaires. A computer can be supplied preloaded with the MasterMinder™ software if specifically ordered.

The system is supplied with a complete Windows® based software package and instructions allowing for easy operation of the system, including diagnostics, commissioning, additions, deletions and testing.

The following SCUs are available:



SCU2 For FMM Systems with built in modem for remote access and printer driver port for connection of a printer.



SCU5 For MLC Systems with built in modem for remote access.

How to order MasterMinder fittings

- | | |
|---------------------------|----------------|
| FMM – Replace “F” with FM | ie. FM9917L/RS |
| FMX – Replace “F” with FX | ie. FX9917L/RS |

LED series

EMERGENCY SELF CONTAINED
COMPLETE WITH BATTERIES, CHARGER AND ELECTRONIC CONTROLS

LED Goldstar™

Self contained non-maintained LED emergency luminaire, complete with flex & plug.

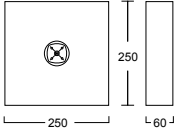
Designed for either accessible or inaccessible ceilings with concealed mounting clip fixing.

LED Goldstar Kit includes 3 trims for multiple cutout options

Additional Options:

- Clear dome cover - add /CC to product code when ordering
- Maintained option available - add /M to product code when ordering
- Surface mounted option available

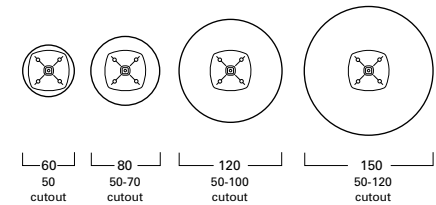
F9992 LED Ceiling Recessed
F9991/SMS LED Ceiling Surface Mounted



LED Goldstar™ F9992



Goldstar LED Kit includes 3 trims for multiple cutout options



MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES																	
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M														
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15
F9992	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1	19.4
		D40	16.7	17.4	18	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1	19.4

LED Goldstar™ Black

Self contained non-maintained LED emergency luminaire, complete with flex & plug. Black colour version.

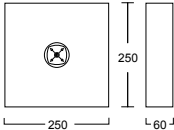
Designed for either accessible or inaccessible ceilings with concealed mounting clip fixing.

LED Goldstar Black Kit includes 3 trims for multiple cutout options

Additional Options:

- Clear dome cover - add /CC to product code when ordering
- Maintained option available - add /M to product code when ordering
- Surface mounted option available - F9991/SMS/BL

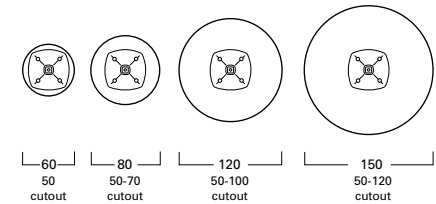
F9992/BL LED Ceiling Recessed
F9991/SMS/BL LED Ceiling Surface Mounted



LED Goldstar™ Black F9992/BL



Goldstar LED Kit includes 3 trims for multiple cutout options



MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES																	
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M														
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15
F9992/BL	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1	19.4
		D40	16.7	17.4	18	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1	19.4

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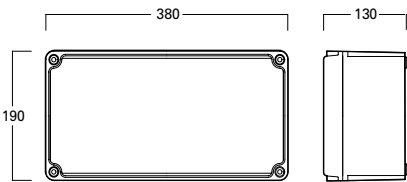


Freeze-Lite
LED Freezer/Coolroom
Emergency Luminaire

Surface mounted LED emergency luminaire. Designed for use in freezers, cool rooms, operating range -30°C to +20°C. Housed in IP67 rated weatherproof, polycarbonate impact resistant enclosure.

- Options:
- /RG - Remote Gear
 - Available as a maintained exit with optional decals
 - /RS - Straight Ahead
 - /RL - Arrow Left
 - /RR - Arrow Right

F9937LW/LT LED Surface Mounted



F9937LW/LT

MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES																
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M													
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10
F9937LW/LT	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
		D40	16.7	17.4	18	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1

LED series






EMERGENCY SELF CONTAINED
COMPLETE WITH BATTERIES, CHARGER AND ELECTRONIC CONTROLS

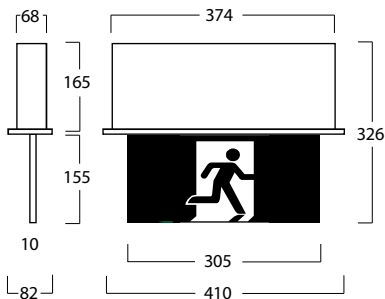
Mirage LED Exit Recessed

Manufactured to Famco's highest standards our LED Exit signs are a cost effective solution to AS2293 standards. The long life LED lamps provide improved reliability resulting in reduced maintenance costs.

Maximum Viewing Distance 24M.
F9917L/* LED Ceiling Recessed

** Specify EXIT arrows if required*

Decals - Single Sided		Decals - Double Sided	
	/RS Straight ahead		/DRSS Straight ahead both sides
	/RL Arrow Left		/DRLR Arrow Left one side, Arrow Right one side
	/RR Arrow Right		








			MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES															
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M															
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20
F9917L/SS	C0	E1.25	4.2	4.2	4.0	3.6	4.0	3.0										
	C90	C1.25	3.2	3.1	2.8	2.4	1.7											
F9917L/DS	C0	C1.6	4.8	4.8	4.4	4.4	4.0	4.2	3.8									
	C90	E1.25	4.2	4.2	4.0	3.6	4.0	3.0										

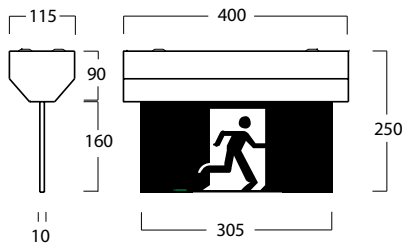
Mirage LED Exit Surface Mounted

Manufactured to Famco's highest standards our LED Exit signs are a cost effective solution to AS2293 standards. The long life LED lamps provide improved reliability resulting in reduced maintenance costs.

Maximum Viewing Distance 24M.
F9917L/SM/* LED Ceiling Surface Mounted

** Specify EXIT arrows if required*

Decals - Single Sided		Decals - Double Sided	
	/RS Straight ahead		/DRSS Straight ahead both sides
	/RL Arrow Left		/DRLR Arrow Left one side, Arrow Right one side
	/RR Arrow Right		








			MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES															
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M															
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20
F9917L/SS	C0	E1.25	4.2	4.2	4.0	3.6	4.0	3.0										
	C90	C1.25	3.2	3.1	2.8	2.4	1.7											
F9917L/DS	C0	C1.6	4.8	4.8	4.4	4.4	4.0	4.2	3.8									
	C90	E1.25	4.2	4.2	4.0	3.6	4.0	3.0										

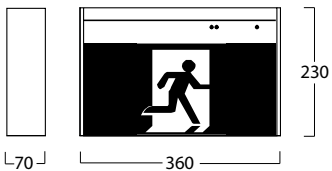
LED EcoExit

Manufactured to Famco's highest standards our LED Exit signs are a cost effective solution to AS2293 standards. The long life LED lamps provide improved reliability resulting in reduced maintenance costs.

Maximum Viewing Distance 24M.
F9920L/* LED Surface Mounted

** Specify EXIT arrows if required*

Decals - Single Sided		Decals - Double Sided	
	/RS Straight ahead		/DRSS Straight ahead both sides
	/RL Arrow Left		/DRLR Arrow Left one side, Arrow Right one side
	/RR Arrow Right		



			MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES															
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M															
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20
F9920L/SS	C0	D3.2	6.5	6.6	6.6	6.5	6.4	6.2	5.8	5.1								
	C90	E2	5.2	5.2	5.4	5.2	5.0	4.6	4.8	4.0								
F9920L/DS	C0	D3.2	6.5	6.6	6.6	6.5	6.4	6.2	5.8	5.1	4.1							
	C90	E2.5	5.6	5.8	5.8	6.0	5.8	5.8	5.2	5.2	4.6							

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LED series

EMERGENCY SELF CONTAINED
COMPLETE WITH BATTERIES, CHARGER AND ELECTRONIC CONTROLS

Classic LED Exit


Manufactured to Famco's highest standards our LED Exit signs are a cost effective solution to AS2293 standards. The long life LED lamps provide improved reliability resulting in reduced maintenance costs.


Maximum Viewing Distance 24M.


- F9914L/* LED Ceiling/Wall Mounted
- F9914L/ED/* LED End Mounted
- F9914L/RM/* LED Wall Recessed Mounted

* Specify EXIT arrows if required


Decals – Single Sided


 /RS
Straight ahead

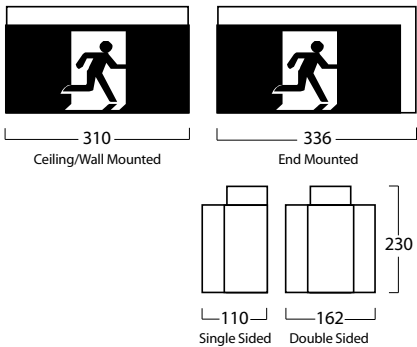
 /RL
Arrow Left

 /RR
Arrow Right

Decals – Double Sided

 /DRSS
Straight ahead both sides

 /DRLR
Arrow Left one side, Arrow Right one side



			MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES															
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M															
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20
F9914L/SS	C0	E1.25	4.2	4.2	4.0	3.6	4.0	3.0										
	C90	E1.25	4.2	4.2	4.0	3.6	4.0	3.0										
F9914L/DS	C0	E2.5	5.6	5.8	5.8	6.0	5.8	5.8	5.2	5.2	4.6							
	C90	E2.5	5.6	5.8	5.8	6.0	5.8	5.8	5.2	5.2	4.6							

LED Jumbo Exit

LED Ceiling or Surface Mounted Emergency Jumbo Exit Luminaire.

Larger body and decal for greater viewing distances - up to 32/48 metres.


Zinc coated steel body, finished in white powder coat with acrylic diffuser.


Maximum Viewing Distance


- F9927L/32/* 32m
- F9927L/48/* 48m

* Specify EXIT arrows if required


Decals – Single Sided


 /RS
Straight ahead

 /RL
Arrow Left

 /RR
Arrow Right

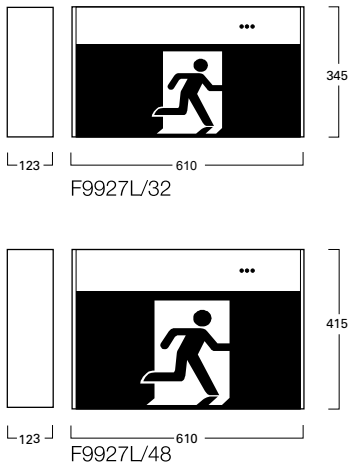
Decals – Double Sided

 /DRSS
Straight ahead both sides

 /DRLR
Arrow Left one side, Arrow Right one side



F9927L/48/SS - LED Jumbo Exit



			MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES															
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M															
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20
F9927L	C0	D8	9.4	9.7	9.9	10.1	10.2	10.3	10.4	10.3	10.2	9.5	8.3	6.1				
	C90	D2.5	5.8	5.8	5.7	5.6	5.4	5.1	4.5	3.4								

9937LW LED Weatherproof Exit Sign IP67


F9937LW weatherproof exit to IP67 encased in light grey high impact resistant ABS body. An ideal fitting for industrial and exterior applications with adverse ambient conditions.


Maximum Viewing Distance 24M.


- F9937LW/* LED Single Sided Exit

* Specify EXIT arrows if required

Decals – Single Sided

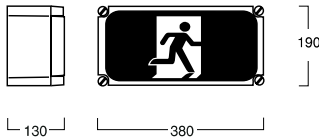
 /RS
Straight ahead

 /RL
Arrow Left

 /RR
Arrow Right



F9937LW Weatherproof Exit Sign




Series 9927
Jumbo Exit Sign

Universal use range of clean well proportioned exit signs for increased viewing distances. Zinc coated steel body, finished in white powdercoat, acrylic diffuser.


Maximum Viewing Distance:
F9927/32/* 32m maximum viewing distance
F9927/48/* 48m maximum viewing distance

* Specify EXIT arrows if required


Decals – Single Sided



/RS
Straight ahead




/RL
Arrow Left




/RR
Arrow Right

Decals – Double Sided



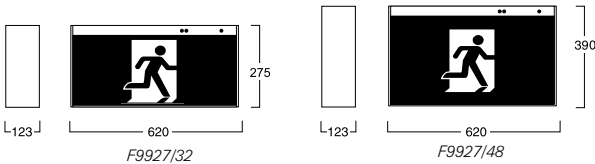
/DRSS
Straight ahead both sides



/DRLR
Arrow Left one side, Arrow Right one side



F9927/32/RL Jumbo Exit Sign



MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES															
PHOTOMETRIC CLASSIFICATION		MOUNTING HEIGHT - M													
		2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10
F9927/32	C0	13.1	13.6	14.1	14.5	14.8	15.1	15.5	15.8	16.1	16.4	16.3	16.0	15.4	14.5
	C90	8.9	9.4	9.9	10.3	10.7	11.1	11.5	12.0	12.3	12.8	13.0	13.0	12.7	12.0


Weatherproof
Jumbo Exit Sign

Universal Jumbo 2x18w sustained weatherproof Exit sign. Ceiling or wall mounted with peel off arrows. Zinc coated steel body, finished in white powdercoat.


Maximum Viewing Distance:
F9927W/32/* 32m maximum viewing distance
F9927W/48/* 48m maximum viewing distance

* Specify EXIT arrows if required


Decals – Single Sided



/RS
Straight ahead




/RL
Arrow Left




/RR
Arrow Right

Decals – Double Sided



/DRSS
Straight ahead both sides



/DRLR
Arrow Left one side, Arrow Right one side



F9927W/32/RS Weatherproof Jumbo Exit Sign

Weatherproof EcoExit


Universal 1x10w maintained weatherproof Exit sign. Ceiling or wall mounted with peel off arrows. Zinc coated steel body finished in white powdercoat.

Maximum Viewing Distance 24M.


F9920W/* Weatherproof EcoExit

* Specify EXIT arrows if required


Decals – Single Sided



/RS
Straight ahead




/RL
Arrow Left




/RR
Arrow Right

Decals – Double Sided



/DRSS
Straight ahead
both sides



/DRLR
Arrow Left one
side, Arrow Right
one side

F9920W/RL Weatherproof Eco Exit Sign

9938W WeatherProof
Exit Sign IP65


F9938W is a slim larger version of the 9936 Bulkhead. It utilises a 10W maintained fluorescent lamp.

Maximum Viewing Distance 16M.


F9938W/* Single Sided EXIT 1x10W

* Specify EXIT arrows if required


Decals – Single Sided



/RS
Straight ahead



/RL
Arrow Left




/RR
Arrow Right

F9938W/RR - 9938 Weatherproof Exit sign

MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES																		
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M															
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20
F9938W	C0	D3.2	6.5	6.6	6.6	6.5	6.4	6.2	5.8	5.1	4.1							
	C90	E2.5	5.6	5.8	5.8	6.0	5.8	5.8	5.2	5.2	4.6							

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Emergency Lighting



Flexit

Tamper Resistant Exit Luminaire

The Flexit tamper resistant exit luminaire is designed specifically for institutions where there is a concern inmates may do harm to themselves or others.

Features:

- Tamper resistant snake eye screw
- Thin flexible, featherweight diffuser resists breaking, tearing or cracking and is virtually harmless instrument if dislodged
- Thick 6mm polycarbonate panel between metal flange and lamp prevents entry to fitting in the unlikely event that the diffuser is dislodged
- Maximum viewing distance is 24M
- Easy installation - fast fit bracket & connector
- Lamp 8W T5
- Generous terminal connectors
- Nickel Cadmium cells






Options:

- Surface mounted version
- Single sided or Double sided
- Variety of decals

F9912V/RM/* Recessed mount
F9912V/SM/* Surface mount

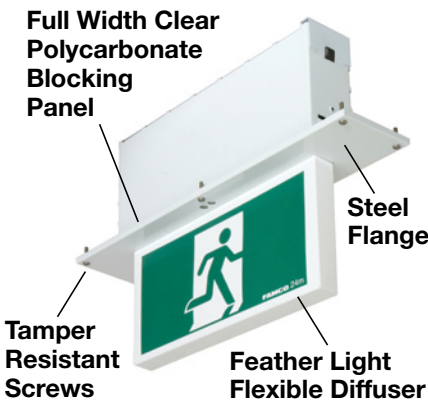
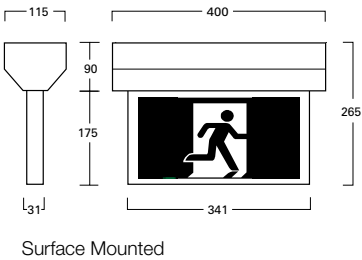
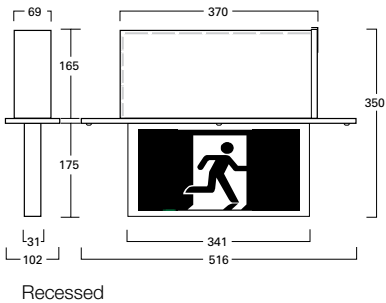


* Specify EXIT arrows if required

Decals – Single Sided	Decals – Double Sided
 /RS Straight ahead	 /DRSS Straight ahead both sides
 /RL Arrow Left	 /DRLR Arrow Left one side, Arrow Right one side
 /RR Arrow Right	



Surface Mounted
Version Available



SERIES 99318
Silhouette

Versatile stylish enclosed luminaires suitable for a wide variety of applications. Square or round white UV stabilised polycarbonate body with opal acrylic diffusers, wired to operate economical 18W compact fluorescent lamps with built in emergency gear, in metal housing, for maintained lamps.

F99318 2x18W PL Round - Maintained

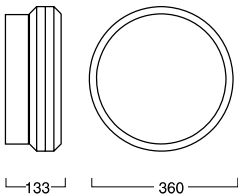
Famco have a range of standard fittings which compliment the Silhouette Emergency Luminaires



F99318 - 2x18w PL Round



F29311 Silhouette



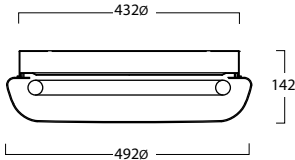
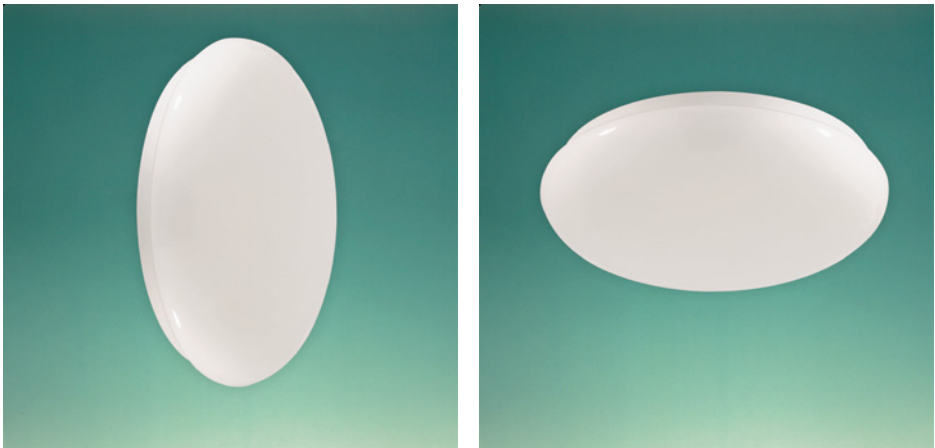
MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES																		
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M															
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20
F99318	C0	E40	9.6	10.6	11.6	12.4	13.2	14.0	15.0	16.0	17.0	18.8	20.2	21.4	22.2	22.8	22.0	18.4
	C90	D12.5	11.1	11.5	11.8	12.1	12.4	12.5	12.7	12.9	13.0	12.8	12.3	11.3	9.9	7.6		

Series 99540
Le Ronde

Attractive emergency luminaire for use in rooms, stairs, foyers & corridors etc. Can be ceiling or wall mounted. Features high output with symmetrical light output. Matches the standard F295** range of luminaires.

F99540 1x40W T8 Circular Maintained
F99545 1x40W T5 Circular Maintained

Use 40w circular fluorescent lamp.



MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES																		
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M															
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20
F99540	C0	D25	14.2	14.7	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.3	18.2	17.9	17.3	7.7	
		D25	14.2	14.7	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.3	18.2	17.9	17.3	7.7	



SERIES 9900 Flurobat/Battens

Plain strong batten manufactured from zinc coated steel, with white powder coated finish. Emergency Flurobats are available plain, or fitted with wire guards or prismatic diffusers. Diffusers are supported by concealed spring clips.

Options:

- Wire Guard
- Prismatic Diffuser
- Maintained or Non-Maintained
- One or two lamps

NOTE: Specify matching Flurobat luminaires in locations requiring standard and emergency lighting.

Plain EM Flurobat

Non Maintained
FT99128/N 1x28W
Maintained
FT99128/M 1x28W
FT99228/M 2x28W

Diffused EM Flurobat

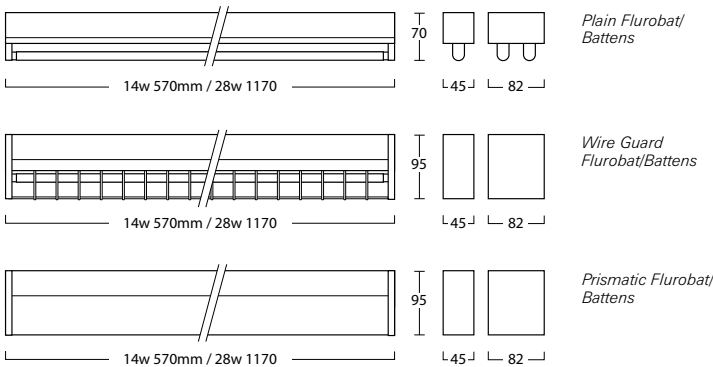
Non Maintained
FT99128P/N 1x28W
Maintained
FT99128P/M 1x28W
FT99228P/M 2x28W

Wire Guard EM Flurobat

Non Maintained
FT99128W/N 1x28W
Maintained
FT99128W/M 1x28W
FT99228W/M 2x28W

How to order MasterMinder flurobat fittings

FMM – Replace “FT” with “FTM” ie. FTM99128/M
FMX – Replace “FT” with “FTX” ie. FTX99228P/M



MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES																		
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M															
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20
FT99128	C0	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9	28.0	22.5
	C90	D20	13.1	13.6	14.1	14.5	14.8	15.1	15.5	15.8	16.1	16.4	16.3	16.0	15.4	14.5		
FT99228	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9	23.7	15.2
	C90	D20	13.1	13.6	14.1	14.5	14.8	15.1	15.5	15.8	16.1	16.4	16.3	16.0	15.4	14.5		
FT99128P	C0	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1	32.4	28.9
	C90	C80	12.7	13.5	14.4	15.1	15.8	16.5	17.3	18.3	19.1	20.7	22.0	23.0	23.9	24.7	26.1	24.0
FT99228P	C0	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9	28.0	22.5
	C90	D20	13.1	13.6	14.1	14.5	14.8	15.1	15.5	15.8	16.1	16.4	16.3	16.0	15.4	14.5		
FT99128W	C0	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9	28.0	22.5
	C90	D20	13.1	13.6	14.1	14.5	14.8	15.1	15.5	15.8	16.1	16.4	16.3	16.0	15.4	14.5		
FT99228W	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9	23.7	15.2
	C90	C63	11.9	12.8	13.5	14.2	14.9	15.5	16.2	17.1	17.9	19.2	20.3	21.2	22.0	22.5	22.9	18.9

Viking IP65

Enclosed emergency luminaire with high photometric classification. Featuring injection moulded prismatic polycarbonate lens, secured by stainless steel clips.

Features:

- Polyester compression molded body, glass reinforced (GRP)
- Built in gasket
- Prismatic lens with internal prisms, smooth outer surface, injection molded with sharp sealing ridges against gasket
- IP65 weatherproof rating
- Grommets supplied for cable entry at both ends
- Stainless steel toggle clips for lens
- Polycarbonate lens
- Electronic Ballast
- Fused Terminal Block

Options:

- Vandal resistant screws

Non Maintained

F99128WP/N 1x28W
F99136WP/N 1x36W

Sustained

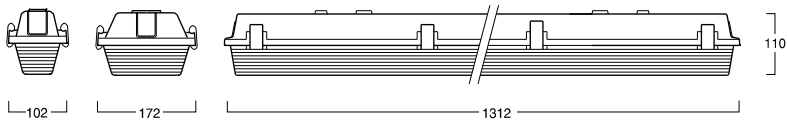
F99228WP/S 2x28W
F99236WP/S 2x36W

Maintained

F99128WP/M 1x28W
F99136WP/M 1x36W
F99228WP/M 2x28W
F99236WP/M 2x36W



F99136WP/N - 1x36W Viking F99236WP/N - 2x36W Viking



			MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES															
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M															
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20
F99118WP	CO	D32	15.4	16.1	16.7	17.2	17.6	18.0	18.5	19.1	19.5	20.2	20.6	20.7	20.6	20.3	14.6	
	C90	C40	10.6	11.3	12.0	12.6	13.1	13.6	14.3	15.0	15.6	16.6	17.4	17.9	18.3	18.5	16.2	
F99218WP	CO	D32	15.4	16.1	16.7	17.2	17.6	18.0	18.5	19.1	19.5	20.2	20.6	20.7	20.6	20.3	14.6	
	C90	C32	10.0	10.7	11.3	11.8	12.3	12.8	13.4	14.0	14.5	15.4	16.0	16.4	16.5	16.5	12.3	
F99236WP	CO	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9	23.7	15.2
	C90	C40	10.6	11.3	12.0	12.6	13.1	13.6	14.3	15.0	15.6	16.6	17.4	17.9	18.3	18.5	16.2	
F99236WP	CO	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1	19.4	
	C90	C50	11.3	12.0	12.7	13.4	14.0	14.5	15.2	16.0	16.7	17.9	18.8	19.6	20.1	20.4	19.6	12.9

SERIES 9901
Neptune IP65

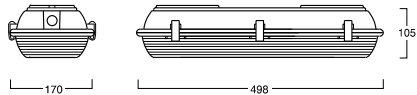
Tough enclosed emergency luminaire with exceptionally high photometric classification. Featuring injection moulded prismatic lens in self extinguishing V2 polycarbonate, secured by plastic clips.

Suitable for interior and exterior applications, protected to IP65.

F9901W/N 1x24W compact PL fluorescent prismatic non-maintained



F9901W/N - 1x24W Neptune

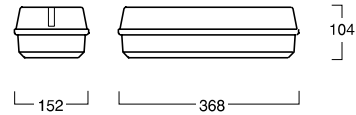


			MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES															
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M															
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20
F9901W/N	C0	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1	32.4	28.9
	C90	C80	12.7	13.5	14.4	15.1	15.8	16.5	17.3	18.3	19.1	20.7	22.0	23.0	23.9	24.7	26.1	24.0

SERIES 9936
Bulkhead IP44/65

Indoor IP44 or weatherproof IP65 bulkhead style weatherproof fitting. Polycarbonate body and polycarbonate diffuser or prismatic lens. An economical non maintained emergency luminaire for general & external environments.

F9936/D	1x8W Non Maintained opal diffuser IP44
F9936W/D	1x8W Non Maintained opal diffuser IP65
F9936/P	1x8W Non Maintained prismatic diffuser IP44
F9936W/P	1x8W Non Maintained prismatic diffuser IP65

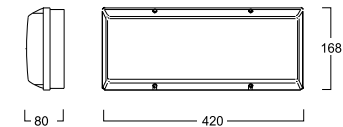


			MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES																
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M																
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20	
F9936	C0	D8	9.4	9.7	9.9	10.1	10.2	10.3	10.4	10.3	10.2	9.5	8.3	6.1					
	C90	E8	7.4	8.0	8.4	9.0	9.2	9.6	10.0	10.2	10.4	10.4	9.4	8.0					

SERIES 9938
Pagoda IP65

Stylish slim-line vandal resistant body & opalised prismatic diffuser. Non-maintained 24w PL lamp. The Pagoda has an integral gasket and is rated IP65.

F9938W/D	1x24W PL Non Maintained opal diffuser IP65
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			MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES																
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M																
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20	
F9938W/D	C0	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1	32.4	28.9	
	C90	C80	12.7	13.5	14.4	15.1	15.8	16.5	17.3	18.3	19.1	20.7	22.0	23.0	23.9	24.7	26.1	24.0	

SERIES 9947/9949
Bulkhead

Economical fluorescent range of fittings for indoor/outdoor use. Available with opal polycarbonate diffuser or clear polycarbonate visor.

Vandal and weather resistant.

F9947/SM/D	1x18W	Non Maintained Opal
F9947/SM/C	1x18W	Non Maintained Clear
F9949/SM/D	1x18W	Maintained Opal
F9949/SM/C	1x18W	Maintained Clear



			MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES																
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M																
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15	20	
F9947 & F9949	C0	C32	10.0	10.7	11.3	11.8	12.3	12.8	13.4	14.0	14.5	15.4	16.0	16.4	16.5	16.5	12.3		
	C90	C32	10.0	10.7	11.3	11.8	12.3	12.8	13.4	14.0	14.5	15.4	16.0	16.4	16.5	16.5	12.3		

Waylights IP65

Attractive, robust die cast aluminium body powder coat enamelled with vandal resistant polycarbonate diffuser. Supplied with silicone gaskets providing IP65 protection.

Ideal for indoor or outdoor use and in adverse conditions. Wall or ceiling mounted.

- Options:
- Standard finish is black but other colours available for project quantities.

Windowguard 3 IP65

SURFACE MOUNT 360 DIAMETER
F99144 1x18W PLC Maintained IP65

Eyelid IP65

SURFACE MOUNT 360 DIAMETER
F99160 1x18W PLC Maintained IP65

Plain Round IP65

SURFACE MOUNT 360 DIAMETER
F99475 1x18W PLC Maintained IP65

Plusguard IP65

SURFACE MOUNT 360 DIAMETER
F99384 1x18W PLC Maintained IP65

Plain Square IP65

SURFACE MOUNT 360 SQUARE
F99323 1x18W PLC Maintained IP65

Plusguard Square IP65

SURFACE MOUNT 360 SQUARE
F99342 1x18W PLC Maintained IP65



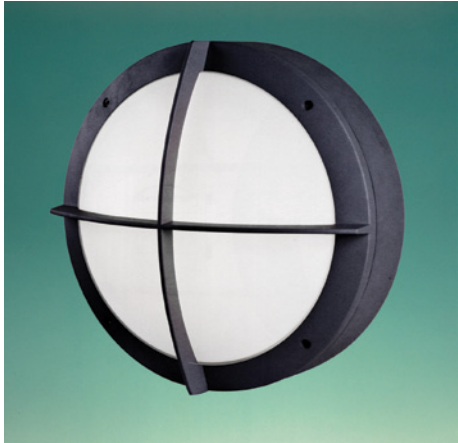
Windowguard 3 IP65



Eyelid IP65



Plain Round IP65



Plusguard IP65



Plain Square IP65



Plusguard Square IP65

MAXIMUM PERMISSIBLE SPACING FOR EMERGENCY LUMINAIRES																	
PHOTOMETRIC CLASSIFICATION			MOUNTING HEIGHT - M														
			2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5	6	7	8	9	10	15
F99144 &	C0	D4	7.2	7.3	7.3	7.3	7.3	7.2	6.9	6.5	5.8	3.1					
F99475	C90	D4	7.2	7.3	7.3	7.3	7.3	7.2	6.9	6.5	5.8	3.1					

Twin Head
SERIES 9930
Site Gard

Adjustable **Twin** head Flood, self contained non maintained Emergency luminaire. Compact metal body.

F9930/210	2 x 10W dichroic weatherproof
F9930/220	2 x 20W dichroic weatherproof
F9930/235	2 x 35W dichroic weatherproof
F9930/250	2 x 50W dichroic weatherproof

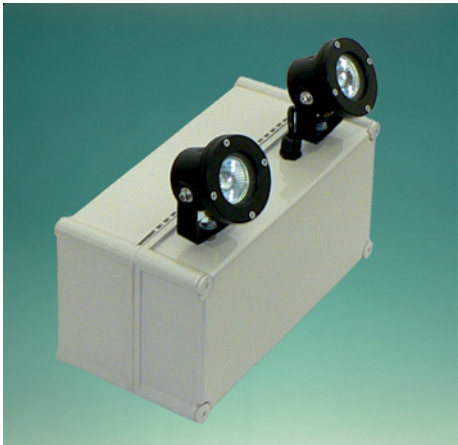


Series 9930/250 Site Gard

Twin Head
SERIES 9930
Weatherproof Site Gard

Adjustable **Twin** head Flood, self contained non maintained Emergency luminaire. Compact weatherproof body.

F9930W/210	2x10W dichroic weatherproof
F9930W/220	2x20W dichroic weatherproof
F9930W/235	2x35W dichroic weatherproof
F9930W/250	2x50W dichroic weatherproof



Series 9930W/210 Weatherproof Site Gard

Emergency Kits

Compact self contained emergency lighting kits for installation in standard fittings to provide a non maintained, maintained, or sustained emergency lamp with a 2 hour emergency light duration. Available as Standard or Masterminder FMM/FMX

F9921/N	1x8W T8 Non-Maintained
F9923/N/114	1x14W T5 Non-Maintained
F9923/N	1x18W T8 Non-Maintained
F9925/N/128	1x28W T5 Non-Maintained
F9925/N	1x36W T8 Non-Maintained
F9923/M/114	1x14W T5 Maintained
F9923/M	1x18W T8 Maintained
F9925/M/128	1x28W T5 Maintained
F9925/M	1x36W T8 Maintained



Emergency Kit

Termination Boxes

SERIES 9998

Series 9998 Enamelled metal housing with 2 ceramic HRC fuses. Complies with AS2293 for termination of MIMS and approved circular multi core cable.

F9998	Termination box
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SERIES 9999

Series 9999 Similar to series 9998 but with socket for connection of Emergency luminaires. Construction, finish and equipment comply with mandatory requirements of AS2293.

F9999/AC	Flat pin earth socket
F9999/DC	Round pin earth socket



F9999 Termination Box

