





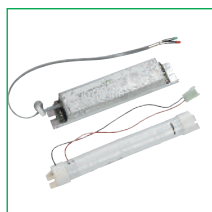
COMET

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pathfinder

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easytest

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concert EX1S

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exit

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sentry

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weatherproof

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slot

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florin

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twinspot

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egress maxi

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egress recessed

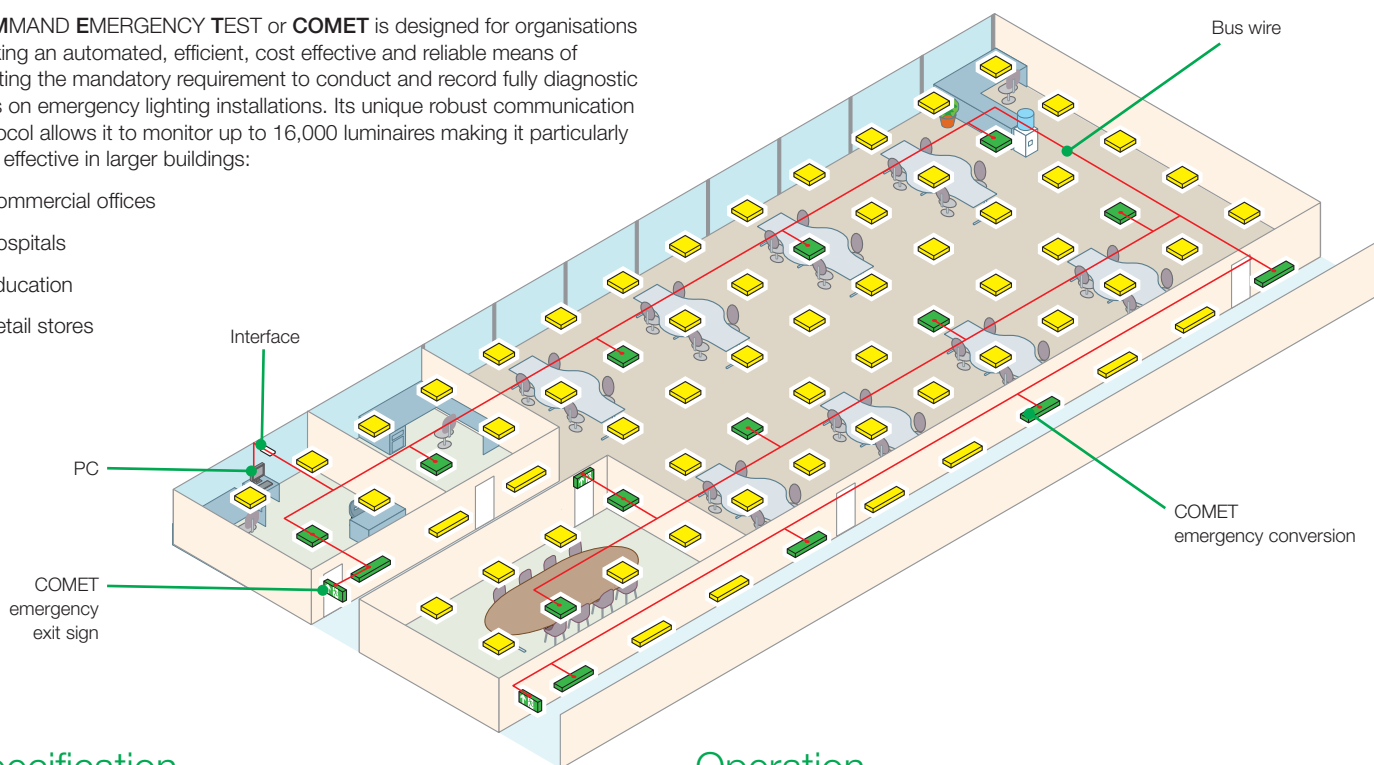
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emergency

Application

COMMAND EMERGENCY TEST or **COMET** is designed for organisations seeking an automated, efficient, cost effective and reliable means of meeting the mandatory requirement to conduct and record fully diagnostic tests on emergency lighting installations. Its unique robust communication protocol allows it to monitor up to 16,000 luminaires making it particularly cost effective in larger buildings:

- Commercial offices
- Hospitals
- Education
- Retail stores



Specification

- Designed for all projects using Whitecroft fluorescent emergency luminaires. Look for the  symbol on the product pages
- Standard PC running Windows
- Single system can monitor up to 16,000 luminaires and different zones can be networked via a modem to a single central control position (recommended for larger projects)
- Simple twisted pair bus cable keeps installation cost low
- Test schedules can be programmed to suit the use and occupancy of any building type
- Each luminaire has unique address and descriptive text file
- Times and dates of tests easily programmed
- Luminaires may be tested individually or in groups
- Failures indicated locally at the luminaire and on the central controller
- All test details are automatically held in a text file

Operation

The Comet system will be commissioned at the end of installation so that brief details (22 characters) of every luminaire are recorded against each address. Test schedules will be pre-programmed so that the required tests will automatically take place on dates and times best suited to the occupier. Comet has three levels of test:

STATUS

A brief check of mains supply, battery charge presence and general electrical conditions

FUNCTIONAL

An operational test putting the luminaire into emergency lighting mode for a few minutes to assess discharge conditions, light output, battery capacity etc

DURATION

The same tests as 'Functional' but operating the luminaires for the full rated duration to ensure lamp condition at the end of duration

Any of these tests can be utilised at any time but a typical schedule would be to conduct Status checks every week, Functional checks every month and Duration checks every year in line with the European Standard

The Comet software allows tests to be carried out on groups of luminaires to avoid all luminaires being discharged at the same time. For example it may be decided to conduct Functional checks on all even numbered addresses at 10.00pm on the 22nd day of every month and on all odd numbered addresses at the same time on the 26th day of every month, then conduct a full Duration test on all luminaires at 1.00am on 31st December every year

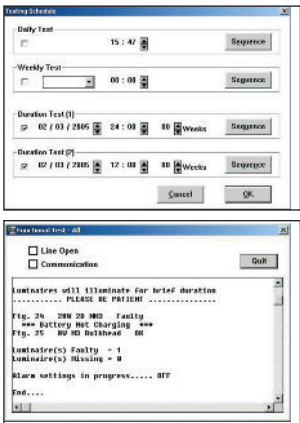
Every test is recorded in a text file for examination by any duly authorised person and the Comet software can be programmed to notify failures in various ways

System Components

CENTRAL CONTROLLER AND SOFTWARE

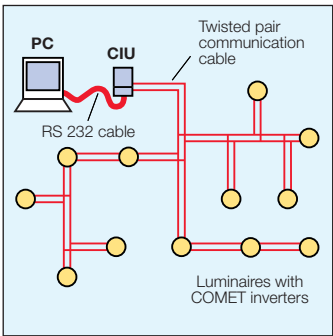
Computer; virtually any existing PC running windows can be utilised to operate the Comet testing system. The Comet software works in the background of the windows operating system and does not restrict the prime functions of the PC. A CIU interface unit is required for communication to the intelligent Comet luminaires and an additional interface unit is required per 1000 extra luminaires. Each interface unit must be connected to the computers I/O ports by an RS232 cable

Note: PC must be left running at all times



COMMUNICATION CABLES

The Comet system uses a very robust low baud communication protocol. There is no requirement for screened communication cables and any twisted pair, sized to minimise volt drop, will be acceptable. Whitecroft recommend 0.75mm² twisted pair (Belden 9407 or equivalent) for installations of up to 1000 luminaires (1000 metres of cable) and 2.5mm² twisted pair (Belden 9412 or equivalent) for larger installations involving long cable runs



It is also recommended that for large installations Comet ISO data isolators are introduced in the communication cabling to break the installation into zones. This simplifies commissioning and the future addition of further Comet luminaires

INTERFACE UNITS

Comet Interface Units (CIU) are required to allow a computer to communicate with up to 1000 Whitecroft intelligent emergency lighting luminaires

The CIU's are connected to the computer's I/O ports by RS232 cables and the communication path to the luminaires is made via simple twisted pair cables. Each luminaire has a unique address and the system 'polls' each address in turn. However, the twisted pair communication cables can be connected to luminaires in any order and using any parallel connection (multi spur, loop in/loop out, ring etc)



ORDER CODES

Comet System Components

Standard personal computer available through Whitecroft if required	COMET/PCP
COMET interface unit required with PC installations and supplied with Command software	COMET/CIU
COMET isolator for introduction into the communication wiring breaking the installation into 'zones'	COMET/ISO

Most Whitecroft Lighting luminaires can be supplied to be suitable for the use with COMET emergency test systems. Please confirm compatibility with the Whitecroft technical department before placing your order

Note: It is essential that the position and address of every COMET luminaire is recorded during installation. Whitecroft can then arrange a fast and effective commissioning of the system prior to hand over

INTELLIGENT LUMINAIRES

Whitecroft can offer most of their wide range of emergency lighting luminaires with Comet intelligent inverters

Each luminaire will be provided clearly marked with it's unique address number so that details of where it is positioned within a lighting scheme can be noted ready for commissioning



TO SPECIFY

Intelligent centralised automated emergency testing system using a simple twisted pair communication bus for conducting and recording fully diagnostic checks on up to 16,000 emergency luminaires. Control via central PC, individual or group testing, programmable to suit the usage and occupation of any type of building – as Whitecroft Lighting COMET

pathfinder

LED central battery central testing

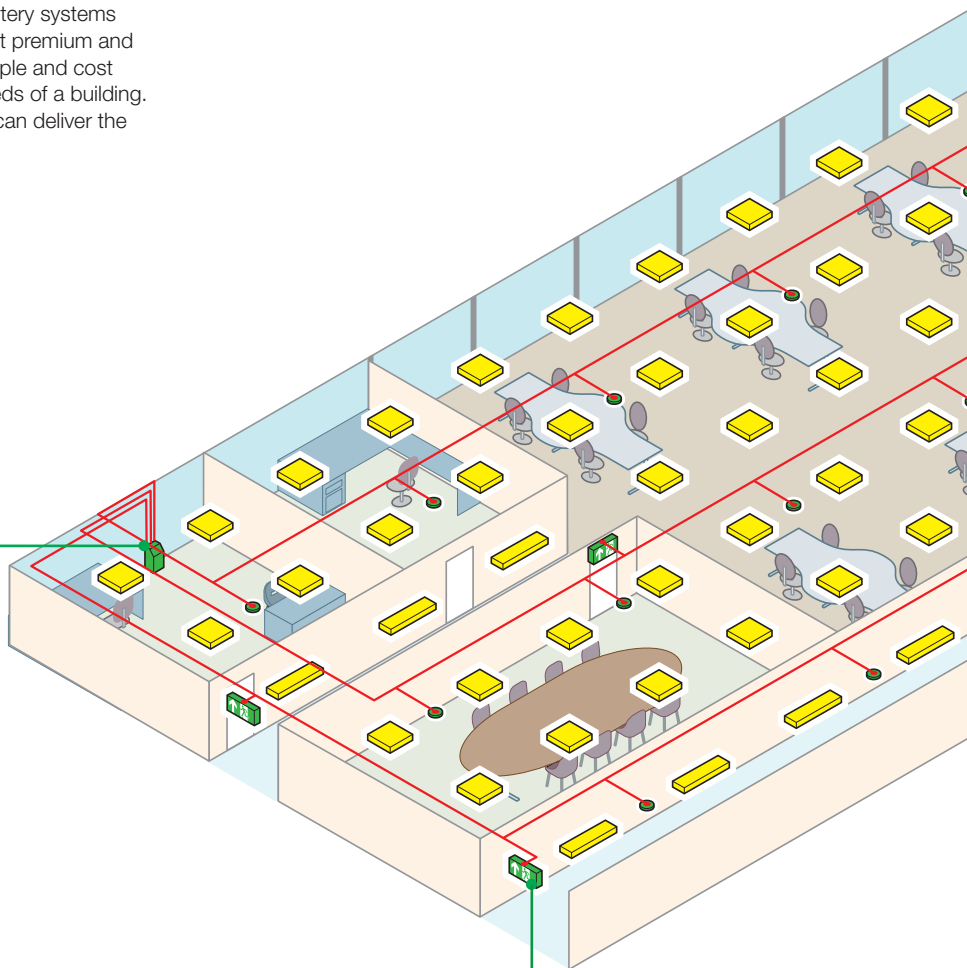
> weblink > **PATH**

Application

Pathfinder is a self contained central battery LED emergency lighting system. As Pathfinder is a dedicated emergency system it can be used to create an optimum emergency lighting scheme. Central battery systems that run luminaires via change-over relays, often have a cost premium and lead to overlit spaces with poor uniformity. Pathfinder is simple and cost effective to install, and is scalable to meet the changing needs of a building. This combined with its simple testing regime means that it can deliver the lowest cost of ownership of any emergency system.



Pathfinder central battery control unit



Why use LED's?

LED's have many advantages over traditional emergency lighting systems.

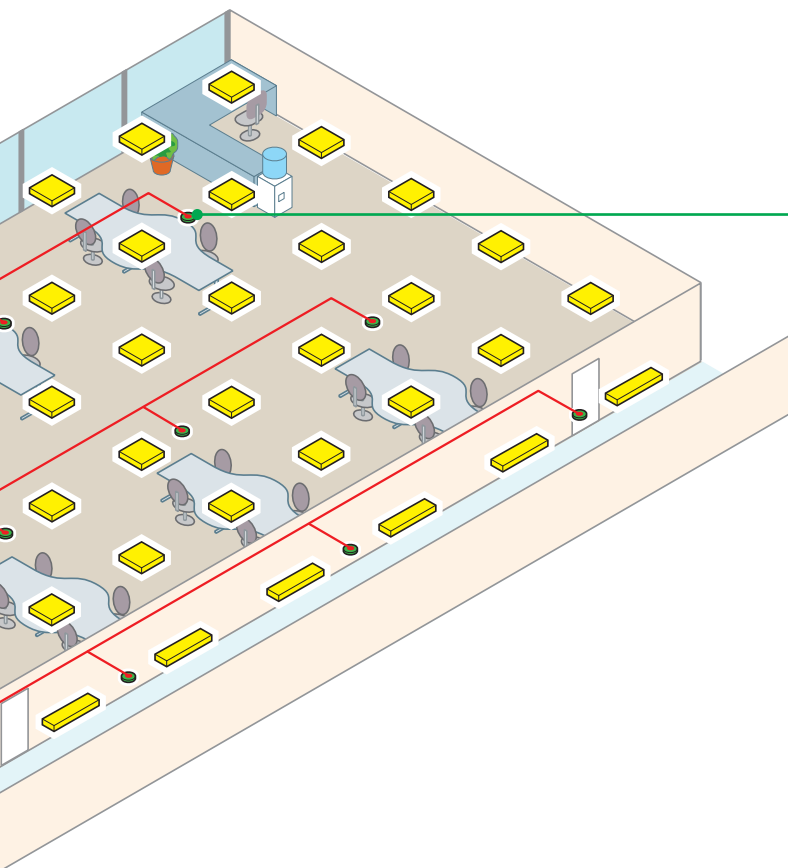
Their low energy consumption means that an entire system can be powered by a single cabinet of batteries, rather than the room required for fluorescent systems.

They are robust and have a much longer life than traditional lamps.

Because of their compact size, LED emergency luminaires are much less intrusive so can be used where architectural integration is key.

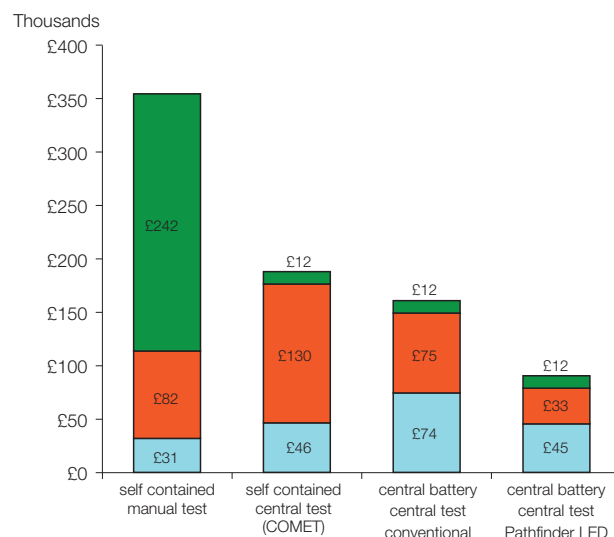


Pathfinder LED exit sign



Pathfinder emergency LED

Full life cycle costs based upon 300 lighting points over a 30 year cycle



- Initial installed cost – includes luminaires, FP200 cable where required, central system components, batteries and installation labour
- Through life planned maintenance costs including replacement of batteries and electronics at end of rated life
- Cost to administer emergency testing

Lowering the cost of ownership

- Self contained emergency lighting with an individual battery pack and inverter in each luminaire can offer the lowest installed cost for an emergency lighting scheme, however there are two issues which can make this solution very expensive when considering full life cycle cost of the building.
 - Manual testing via key switches is labour intensive and can be unreliable
 - A four year battery life requires frequent maintenance and replacement
- Central testing systems such as COMET can dramatically reduce the cost of emergency testing compared to manual testing, however maintenance and replacement of self contained batteries can still prove expensive.
- Central battery systems can significantly reduce the cost of battery maintenance and replacement due to ease of access.
- Pathfinder is a central battery and central testing system which offers solutions to these issues. Utilising low energy LEDs can offer the lowest installed cost and optimise full life cycle cost. The battery life capacity is only 5% of that required for a conventional central battery system.

TO SPECIFY

Central battery, central test LED emergency lighting system. Fully addressable LED emergency lighting points. Control unit with programmable interface – as Whitecroft Lighting PATHFINDER

Specification

The Pathfinder emergency lighting system is a class 1 protection supply device for operating and monitoring up to 80 emergency LED luminaires. The system uses addresses to allow identification and monitoring of individual luminaires.

The self contained unit incorporates all the control electronics and lead acid batteries for ease of installation. The front panel has indicators and LCD display for clear status of panel and LEDs. All control, administration, monitoring and testing can be performed through the front panel or remotely via a PC.

Control Panels



PFDPANEL12AH
PFDPANEL24AH



PFDPANEL48AH

Body

- IP20 power coated steel construction, wall mounted

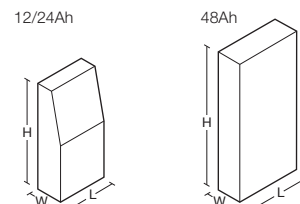
Electrical

- Input voltage 230V AC +/- 10%
- Ambient -5 to +30°C
- Final circuits x 4
- 3A max per final circuit
- Output voltage 24V DC

ORDER CODES

LED Control Panel	Maximum LED Luminaires	
Central Battery Control Panel 12Ah Capacity	20	PFDPANEL12AH
Central Battery Control Panel 24Ah Capacity	40	PFDPANEL24AH
Central Battery Control Panel 48Ah Capacity	80	PFDPANEL48AH

DIMENSIONS



Version	L	W	H	KG
PFDPANEL12Ah	235	117	466	15.0
PFDPANEL24Ah	235	117	630	25.7
PFDPANEL48Ah	400	170	800	56.5

LED Head



Body

- Cast aluminium body and integral heat sink
- Powder coat white or silver options
- Spring retaining clips for ceilings up to 16mm

Electrical

- Input voltage 24V DC
- Ambient -15 to +50°C
- 3W LED
- 100 lumens

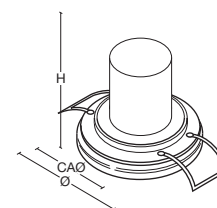
ORDER CODES

LED Head

Recessed Emergency LED Silver Body – 3W
Recessed Emergency LED White Body – 3W

PFDRELEDS
PFDRELEDW

DIMENSIONS



Ø	H	CAØ	KG
55	50	43	0.1

LED Exit Sign



Body

- Extruded aluminium body housing electronics and LEDs
- Back lit legend symbol, viewing distance 16m

Electrical

- Input voltage 24V DC
- Ambient -15 to +50°C
- 4 x 1W LED



Wall mount



Ceiling mount

ORDER CODES

LED Exit Sign

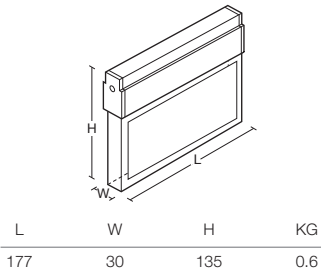
4 x 1W LED	Ceiling Mounted	PFDCEILING
4 x 1W LED	Wall Mounted	PFDWALL
4 x 1W LED	Suspended	PFDSUSPENDED

Options

DOWN LEGEND	SINGLE SIDED	PFDLPSSD
UP LEGEND	SINGLE SIDED	PFDLPSSU
LEFT LEGEND	SINGLE SIDED	PFDLPSSL
RIGHT LEGEND	SINGLE SIDED	PFDLPSSR
DOWN LEGEND	DOUBLE SIDED	PFDLPDSD
UP LEGEND	DOUBLE SIDED	PFDLPDSU
TO SIDE LEGEND	DOUBLE SIDED	PFDLPDST

Note: Legends to be ordered separately

DIMENSIONS



LED Exit Bulkhead



Body

- IP54 polycarbonate construction
- Cable entry top and rear
- Viewing distance 30m

Electrical

- Input voltage 24V DC
- Ambient -15 to +50°C
- 3 x 1W LED



Clear cover

ORDER CODES

LED Exit Bulkhead

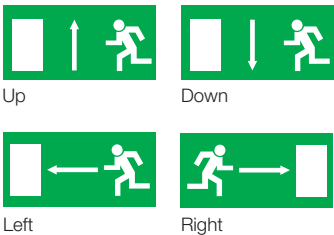
3 x 1W LED	Wall Mounted	PFDEXIT
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Options

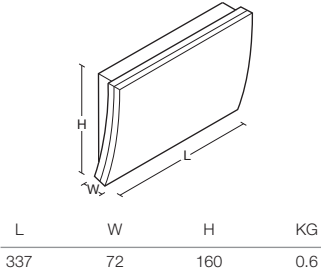
DOWN LEGEND	PFDICOVD
UP LEGEND	PFDICOVU
LEFT LEGEND	PFDICOVL
RIGHT LEGEND	PFDICOVR
CLEAR COVER	PFDICOVC

Note: Legends to be ordered separately

LEGENDS

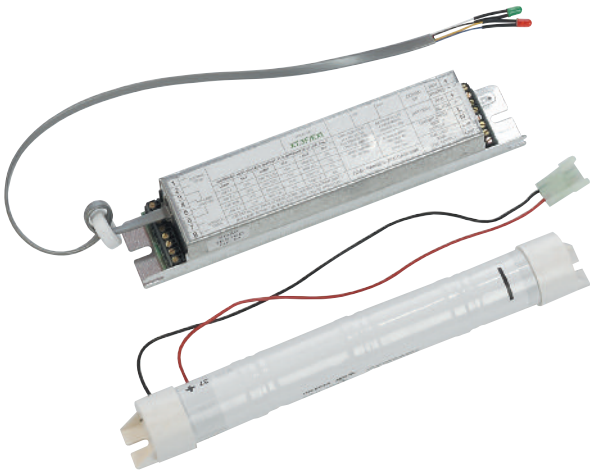


DIMENSIONS





- Designed to operate in conjunction with a wide range of Whitecroft emergency luminaires. Look for the  symbol on the product pages
- Intelligent testing module for self-contained emergency lighting luminaires
- Emergency luminaire to comply to International Standards EN55015; EN61000; EN50082-2
- Capable of testing automatically to IEC62034
- Fault diagnostics indicating lamp, battery, and charger/inverter module status via supplied LED indicators
- 3 hour emergency durations as standard
- The default system tests luminaires weekly and annually in line with current legislation
- Low cost option to facilitate self test upgrade of luminaire at initial installation stage



TESTING PROCEDURE

The following testing procedure meets the recommendations of the latest European Standards including IEC62034

Weekly Test

- The mains supply is interrupted at the charger/inverter unit
- The lamp is checked for minimum light levels after 30 seconds

Annual Duration Test

- The mains supply is interrupted at the charger/inverter unit
- The lamp is checked for full rated battery duration

EMERGENCY LUMINAIRE STATUS

The luminaire status is indicated as follows:

Status	LED
System okay	Green
Test underway	Flashing Green
Lamp fault	Red
Battery or charger fault	Flashing Red

concert EX1S

surface or suspended LED exit luminaire

> weblink > **EX1S**

Optics

- 28m viewing distance
- 15 long life white LEDs
- Complete with acrylic legend panel with double sided DOWN arrow screen print as standard
- LEFT, RIGHT and UP directions available to be ordered separately:
 - Simply open the panel blade and insert replacement legend print

Body

- Wall, flag, ceiling or suspended mounting
- Mounting accessories required for installation to be ordered separately
- Extruded aluminium housing with brushed finish
- Smaller than conventional recessed exit signs making installation look more attractive
- Integral maintained 3 hour emergency lighting control gear
- Complete with Ni-Cd cells



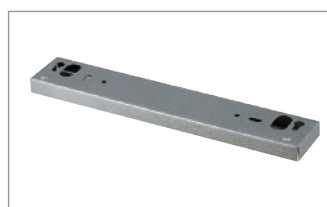
ORDER CODES

Concert EX1S		3 hr Emergency
Surface/suspended LED Exit Sign	3 hour maintained	EX1SM

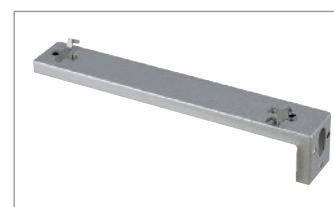
Options

CEILING MOUNTING BRACKET		EX1SCBRK
WALL MOUNTING BRACKET		EX1SWBRK
END FIXING (FLAG) MOUNTING BRACKET		EX1SEBRK
WIRE SUSPENSION KIT	Adjustable to 1 metre maximum	EX1SWIRE
LEFT/RIGHT LEGEND	(Double sided set)	EX1LR
UP LEGEND	(Double sided set)	EX1U
EASYTEST	Add suffix /ET to order code	i.e. EX1SM/ET

Note: Mounting brackets and legends to be ordered separately



Ceiling bracket



End fixing bracket

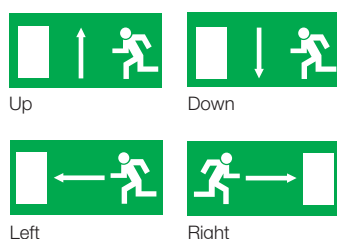


Wall bracket



Wire suspension kit

LEGENDS



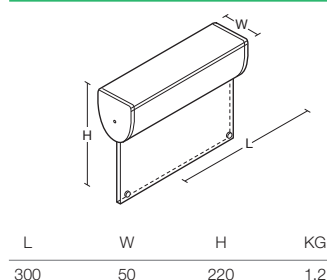
Up

Down

Left

Right

DIMENSIONS



TO SPECIFY

Surface or suspended LED exit luminaire with 15 long life LEDs – as Whitecroft Lighting CONCERT EX1S

concert EX1R

recessed LED exit luminaire

> weblink > **EX1R**

Optics

- 28m viewing distance
- 15 long life white LEDs
- Complete with acrylic legend panel with double sided DOWN arrow screen print as standard
- LEFT, RIGHT and UP directions available to be ordered separately:
 - Simply open the panel blade and insert replacement legend print

Body

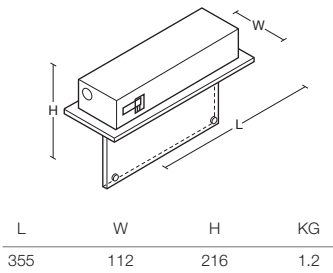
- Steel body, finished white
- Smaller than conventional recessed exit signs making installation look more attractive
- Housing has adjustable arms to simplify installation
- Integral maintained 3 hour emergency lighting control gear
- Complete with Ni-Cd cells



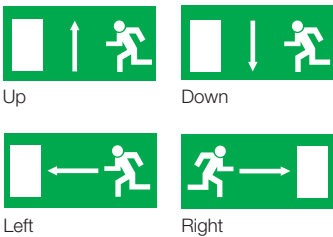
ORDER CODES

Concert EX1R		3 hr Emergency
Recessed LED Exit Sign	3 hour maintained	EX1RM
Options		
LEFT/RIGHT LEGEND	(Double sided set)	EX1LR
UP LEGEND	(Double sided set)	EX1U
EASYTEST	Add suffix /ET to order code	i.e. EX1RM/ ET
Note: Legends to be ordered separately		

DIMENSIONS



LEGENDS



TO SPECIFY

Recessed LED exit luminaire with 15 long life LEDs – as Whitecroft Lighting CONCERT EX1R

slice

ultra low profile indoor emergency bulkhead

> weblink > **CUT**

Optics

- If used with legend, Max 22m viewing distance
- Lamp options:
 - 1 x 8W T5
- Clear polycarbonate TP(a) snap fix clear diffuser
- Low tack self adhesive legend to be ordered separately
- Normal lamp output 400 lumens
- Emergency lamp output 100 lumens

Body

- White polycarbonate body
- Suitable for ceiling or wall mounting
- 3 hour maintained or non-maintained versions
- High temperature Ni-Cd battery with constant current charger and LED charge indicator
- BESA rear cable entry
- Ambient 0 – 25°C
- Input voltage 230/240V – 50Hz
- Circuit Watts 8W (20W maintained version)



ORDER CODES

Slice		3 hr Emergency
T5 1 x 8W	3 hour non-maintained	CUTNMF8W
T5 1 x 8W	3 hour maintained	CUTMF8W

Options

EASYTEST	Add suffix /ET to order code	i.e. CUTNMF8W/ ET
LEFT LEGEND		CUTL
RIGHT LEGEND		CUTR
DOWN LEGEND		CUTD
UP LEGEND		CUTU

Note: Legends to be ordered separately

Available with COMET. Please refer to our sales office for details

LEGENDS



Up



Down

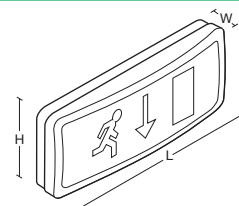


Left



Right

DIMENSIONS



L	W	H	KG
364	52	180	1.3

TO SPECIFY

All polycarbonate ultra slim IP20 8W T5 indoor emergency bulkhead. Snap fix diffuser. White back body to facilitate first fix installation and wiring with clip in gear and lamp module. 3 hour self contained maintained or non-maintained versions. High temperature Ni – Cd battery with constant current charger and LED charge indicator – as Whitecroft Lighting SLICE

exit

indoor exit sign

> weblink > **EXIT**

Optics

- Max 30m viewing distance
- Lamp options:
 - 1 x 8W T5
- Screen printed legend panel retained by screw fixed front frame to be ordered separately

Body

- Rigid white powder coated steel housing and gear and lamp tray. Substantial downlight panels in body designed to give illumination at floor level
- 3 hour maintained or non-maintained versions
- High temperature Ni-Cd battery with constant current charger and LED charge indicator
- Cable entry via knockouts in sides and rear
- Ambient 0° – 25°C
- Input voltage 230/240V – 50Hz
- Circuit Watts 8W (20W maintained version)



ORDER CODES

Exit		3 hr Emergency
T5 1 x 8W	3 hour non-maintained	SENEXNMF8
T5 1 x 8W	3 hour maintained	SENEXMF8

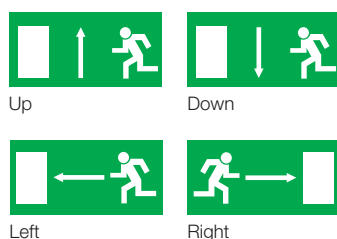
Options

EASYTEST	Add suffix /ET to order code	i.e. SENEXNMF8/ ET
LEFT LEGEND		SENLPL
RIGHT LEGEND		SENLPR
DOWN LEGEND		SENLPD
UP LEGEND		SENLPU

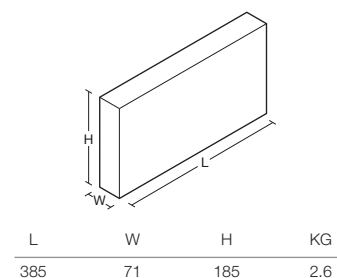
Note: Legends to be ordered separately

Available with COMET. Please refer to our sales office for details

LEGENDS



DIMENSIONS



TO SPECIFY

8W T5 IP20, 3 hour self contained maintained or non-maintained emergency exit sign with rigid white powder coated steel body and gear and lamp tray. Screen printed legend panels retained by screw fixed front frame. High temperature Ni-Cd battery with constant current charger and LED charge indicator – as Whitecroft Lighting EXIT

Optics

- If used with legend max 18m viewing distance
- Lamp options:
 - 1 x 8W T5
- Polycarbonate TP(a) snap fix diffuser optic is designed to deliver a directional light distribution
- Low tack self adhesive legend kit can be ordered separately
- Normal lamp output 400 lumens
- Emergency lamp output 100 lumens

Body

- High impact polycarbonate TP(a) body finished white. Surface and semi-recessed (with white semi-recessing bezel) option
- Wall or ceiling mounting (recessed option)
- IP65
- 3 hour maintained, non-maintained or mains versions
- High temperature Ni-Cd battery with constant current charger and LED charge indicator
- Cable entry options on the side and back of body
- Ambient 0 – 25°C
- Input voltage 230/240V – 50Hz
- Circuit Watts 8W (20W maintained version)



ORDER CODES

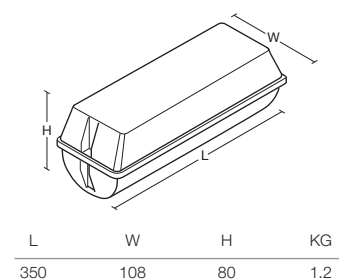
Sentry		3 hr Emergency
T5 1 x 8W	3 hour non-maintained	SENBHNMf8
T5 1 x 8W	3 hour maintained	SENBHMF8
T5 1 x 8W	mains voltage	SENBHMAINSF8

Options

EASYTEST	Add suffix /ET to order code	i.e. SENBHNMF8/ET
SELF ADHESIVE LEGEND KIT		SENLK
RECESSING BEZEL KIT WHITE		SENrk



DIMENSIONS



TO SPECIFY

Surface/semi recessed IP65 8W T5, 3 hour self contained maintained/non-maintained indoor emergency bulkhead with snap fix diffuser optic delivering a directional light distribution. High impact polycarbonate body finished white. High temperature Ni-Cd battery with constant current charger and LED charge indicator – as Whitecroft Lighting SENTRY

weatherproof

IP65 outdoor emergency bulkhead

> weblink > **WBU**

Optics

- If used with legend max 23m viewing distance
- Lamp options:
 - 1 x 8W T5
- Polycarbonate TP(a) screw fixed opal or clear prismatic diffuser with gasket to body
- Low tack self adhesive legend kit
- Normal lamp output 400 lumens
- Emergency lamp output 100 lumens

Body

- White ABS body. Surface and semi-recessed (with light grey semi – recessing bezel) option
- IP65
- 3 hour maintained or non-maintained versions
- High temperature Ni-Cd battery with constant current charger and LED charge indicator
- Cable entries on the side and back of the body
- Ambient 0 – 25°C
- Input voltage 230/240V – 50Hz
- Circuit Watts 8W (20W maintained version)
- Recharge time 24 hours



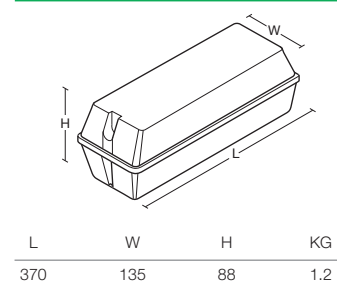
ORDER CODES

Opal Diffuser		3 hr Emergency
T5 1 x 8W	3 hour non-maintained	WBUNM3F8
T5 1 x 8W	3 hour maintained	WBUMA3F8
Clear Prismatic Diffuser		3 hr Emergency
T5 1 x 8W	3 hour non-maintained	WBCNM3F8
T5 1 x 8W	3 hour maintained	WBCMA3F8

Options

EASYTEST	Add suffix /ET to order code	i.e. WBUNM3F8/ ET
SELF ADHESIVE LEGENDS KIT		WBULK
SEMI RECESSING BEZEL KIT LIGHT GREY		WBUSRK

DIMENSIONS



TO SPECIFY

Surface/semi recessed IP65 8W T5, 3 hour self-contained maintained/non-maintained outdoor emergency bulkhead with screw retained opal/clear prismatic diffuser. High grade polymer body finished white. High temperature Ni-Cd battery with constant current charger and LED charge indicator – as Whitecroft Lighting WEATHERPROOF



Automatic
fire door
keep clear

Automatic
fire door
keep clear

slot

recessed blade exit sign

> weblink > **SLOT**

Optics

- Max 27m viewing distance
- Lamp options:
 - 1 x 8W T5
- 8mm thick Perspex legend panels, double sided, to be ordered separately
- Maximum projection below the ceiling 175mm

Body

- Fully recessed white high grade polycarbonate recessed body mounted in ceiling tile with winged fixings adjustable from below with white lip trim, recess depth 83mm. Light dispersal cover with slot for legend panel
- 3 hour maintained or non-maintained versions
- High temperature Ni - Cd battery with constant current charger and LED charge indicator
- Ambient 0 – 25°C
- Input voltage 230/240V – 50Hz
- Circuit Watts 8W (20W maintained version)

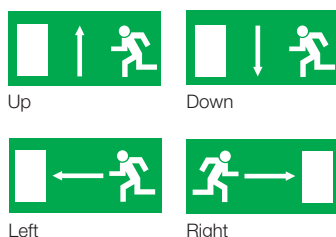


ORDER CODES

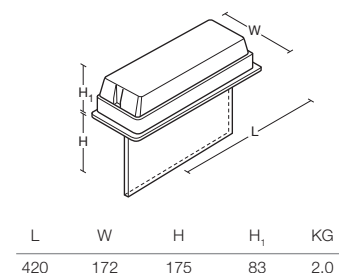
Slot		3 hr Emergency
T5 1 x 8W	3 hour non-maintained	SLOTNMF8
T5 1 x 8W	3 hour maintained	SLOTMF8
Options		
EASYTEST	Add suffix /ET to order code	i.e. SLOTNMF8/ET
LEFT/RIGHT LEGEND	(Double sided)	SLOTLP/RL
DOWN LEGEND	(Double sided)	SLOTLPDD
UP LEGEND	(Double sided)	SLOTLPUD

Note: Available with COMET. Please refer to our sales office for details

LEGENDS



DIMENSIONS



TO SPECIFY

Recessed 8W T5 IP20 blade exit sign in 3 hour self contained maintained or non-maintained versions. Light dispersal cover with slot for 8mm thick Perspex legend panels, projection below the ceiling <176mm, polycarbonate body recess <83mm mounted in ceiling tile with winged fixings. High temperature Ni-Cd battery with constant current charger and LED charge indicator – as Whitecroft Lighting SLOT

florin 2

recessed LED

> weblink > **FLN2**

- A stand alone white high performance LED emergency luminaire mounted in an aluminium housing complete with charge indicator, driver, charger and battery
- Operated in non-maintained mode
- Open area and escape distribution patterns available. Escape route distribution is especially effective in corridor applications
- Plug and socket feature supplied for easy through wiring
- Insulation Class 2
- Minimum life 50,000 hours
- Ambient temperature range
-15°C to +50°C
- Battery – Nickel Metal Hydride (NiMH)



Florin control module

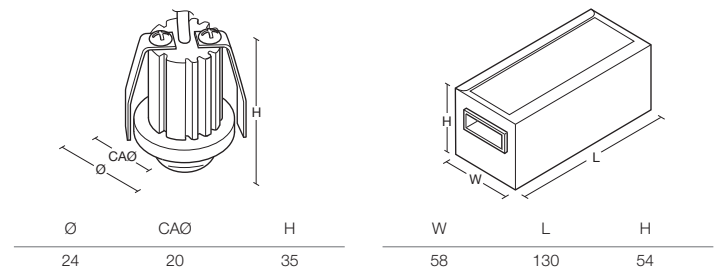
ORDER CODES

Florin 2

Open area distribution
Escape route distribution

FLN21
FLN22

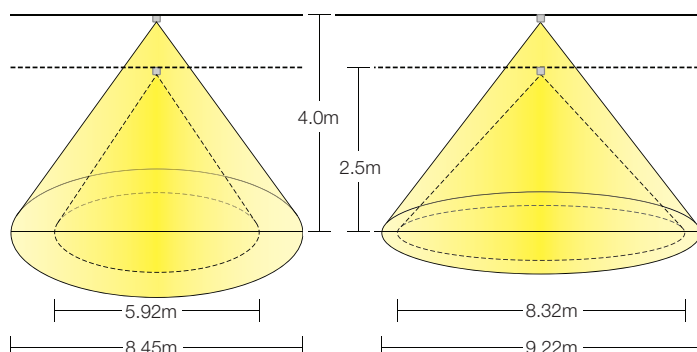
DIMENSIONS



LIGHTING DISTRIBUTION

open area distribution 0.5 lux min

escape route distribution 1.0 lux min



TO SPECIFY

Stand alone white high performance LED emergency luminaire complete with charge indicator, driver, charger and battery capable of operation in non maintained mode. Driver to ensure constant light output independent of battery voltage for 3 hours from mains failure – as Whitecroft Lighting FLORIN 2 LED

twin spot

twin beam emergency indoor lighting for high ceilings

> weblink > **SEN**

Optics

- Supplied with twin 20W low voltage halogen spots sealed in white plastic housings with clear polycarbonate lenses

Body

- Lamp projector assembly allows head adjustment in the horizontal and vertical planes. Projector location on the enclosure allows head alignment to meet the anti-glare requirement provided it is mounted at least 30° above the line of sight
- White powder coated steel body with removable front panel for access
- 2 x 12v 7Ah sealed lead acid battery, 3-5 year design life
- Single LED for battery charge monitor and dual lamp filament monitor
- Cable entry via 20mm knock outs
- Ambient 0 – 25°C
- Input voltage 230/240V – 50Hz
- Can be mounted vertically or sideways (not upside down)

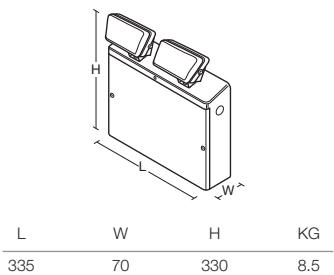


ORDER CODES

Twin Spot

TH 2 x 20W	3 hour non-maintained	SENCT20NM
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DIMENSIONS



TO SPECIFY

Twin 20W TH emergency unit, steel housing and fully adjustable twin spot heads, removable front panel for access. 2 x 12v 7Ahr sealed lead acid battery with access panel – as Whitecroft Lighting TWIN SPOT

egress maxi

decorative low profile emergency bulkhead

> weblink > EMAN

Optics

- Max 40m viewing distance
- Lamp options:
 - 1 x 8W T5
- Screen printed legend panel to be ordered separately
- Opal downlight panel illuminates escape route and door threshold

Body

- Wall mounted
- Curved folded steel body, finished white
- Circuit Watts 8W (non-maintained), 20W (maintained)



ORDER CODES

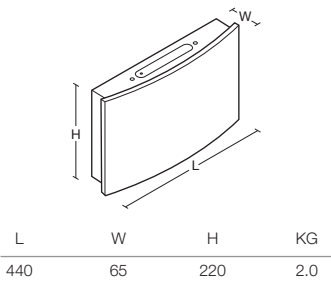
Egress Maxi		3 hr Emergency
T5 1 x 8W	3 hour non-maintained	EMANMF8
T5 1 x 8W	3 hour maintained	EMAMF8

Options

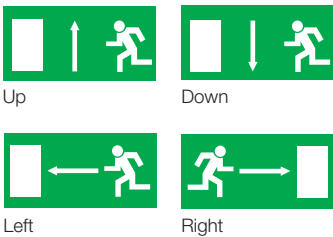
EASYTEST	Add suffix /ET to order code	i.e. EMANMF8/ET
LEFT LEGEND		EMALL
RIGHT LEGEND		EMALR
DOWN LEGEND		EMALD
UP LEGEND		EMALU

Note: Available with COMET. Please refer to our sales office for details

DIMENSIONS



LEGENDS



TO SPECIFY

Decorative low profile wall mounted emergency bulkhead with curved folded steel body, finished white – as Whitecroft Lighting EGRESS MAXI

egress recessed

recessed emergency luminaire

> weblink > **EGRN**

Optics

- Lamp options:
 - 1 x 8W T5
- Normal lamp output 400 lumens
- Emergency lamp output 100 lumens

Body

- Fully recessed high grade polycarbonate body mounted in ceiling tile with winged fixings adjustable from below with white lip trim, recess depth 70mm
- 3 hour maintained, non-maintained or mains voltage versions
- High temperature Ni-Cd battery with constant current charger and LED charge indicator
- Cable entry locations at rear
- Ambient 0 – 25°C
- Input voltage 230/240V – 50Hz
- Circuit Watts 8W (non-maintained), 20W (maintained) and 12W (mains)



ORDER CODES

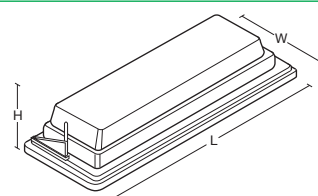
Egress Recessed		3 hr Emergency
T5 1 x 8W	3 hour non-maintained	EGRXNMF8
T5 1 x 8W	3 hour maintained	EGRXMF8
T5 1 x 8W	mains voltage	EGRXF8

Options

EASYTEST Add suffix **/ET** to order code i.e. EGRXNMF8**/ET**

Note: Available with COMET. Please refer to our sales office for details

DIMENSIONS



L	W	H	KG
420	172	83	1.5

TO SPECIFY

Fully recessed 8W T5 IP20 emergency luminaire in 3 hour self contained maintained, non-maintained or mains voltage versions. Polycarbonate body recess <70mm mounted in ceiling tile with winged fixings. High temperature Ni-Cd battery with constant current charger and LED charge indicator – as Whitecroft Lighting EGRESS RECESSED