Active8

Self Test &
Auto Test Systems

REGISTERED FIRM
BM TRADA
CERTIFICATION
ISO 9001:2000
UKAS
QUALITY
MANAGEMENT
012

CE

Dextra

Active8

Dextra emergency luminaires are available in many versions; Mains Standard, Standard Emergency, Self Test and Auto Test using an optional front end PC.

As to self-diagnosis there are self-test luminaires allowing local diagnosis, DARDO auto test luminaires with centralised diagnosis

Product description & definitions

Maintained mode: A luminaire containing one or more lamps, all of which operate from the normal supply or from the emergency supply at all material times.

Non-maintained mode: A luminaire containing one or more lamps,which operate from the emergency supply only upon failure of the normal mains supply.

Self contained (single point) luminaires: A luminaire or sign providing maintained or non-maintained emergency lighting in which all the elements such as the battery, the lamp and the control unit are contained within the housing or within one metre of the housing.

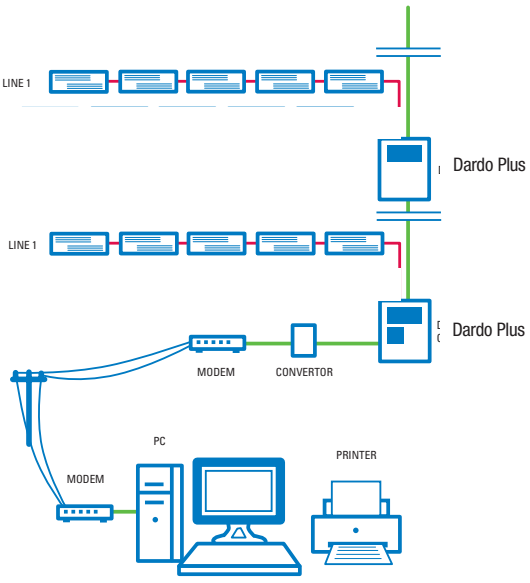
Central battery system: A system in which the batteries for a number of luminaires are housed in one location, usually for all emergency luminaires in one lighting sub circuit, sometimes for all emergency luminaires in a complete building.

Battery capacity: The discharge capacity of a battery, being a product of average current and time, expressed as ampere hours over a stated duration. Note that a shorter total discharge period gives rise to a smaller available capacity.

'F' mark: Shows the luminaire can be mounted on combustible surfaces. It does not show that the luminaire is fire retardant.

Re-charge period: The time necessary for the batteries to regain sufficient capacity to achieve their rated duration.

Fire retardant housing 850° test: All emergency luminaire housings on escape routes must pass the 850° glow wire test as specified in EN60 598-2-22.



Application technology

Emergency escape lighting: That part of emergency lighting provided to enable safe exit in the event of failure of the normal supply.

Emergency exit: A way out which is intended to be used any time that the premises are occupied.

Escape route lighting: That part of emergency lighting provided to enable safe exit for building occupants by providing appropriate visual conditions and direction finding on escape routes and in special areas/locations, and to ensure that fire fighting and safety equipment can be readily located and used.

Final exit: The terminal point of an escape route, beyond which persons are no longer in danger from fire or any other hazard requiring evacuation of the building.

High risk task area lighting: That part of emergency lighting provided to ensure the safety of people involved in a potentially dangerous process or situation, and to enable proper shut down procedures to be carried out for the safety of other occupants on the premises.

Open area (or anti-panic area) lighting: That part of emergency escape lighting provided to reduce the likelihood of panic and to enable safe movement of occupants towards escape routes by providing appropriate visual conditions and direction finding.

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Active8 Intelligent Luminaires

This is a range of “intelligent” emergency luminaires equipped with a self-diagnosis device. Thanks to their advanced technology, Active luminaires periodically perform automatic tests that guarantee the reliability and safety of each installation.

The Autocheck function routinely performs the functional test upon first installation and whenever batteries are replaced.

Self-Diagnosis

FUNCTIONAL TEST: this test automatically checks fluorescent tube operation every 7 days. It can also be carried out immediately by manual command (Teleur remote control).

AUTONOMY TEST this is an automatic battery test performed every 12 weeks.

GREEN
the luminaire is working

FLASHING RED
lumlnalre failure

STEADY RED
battery failure

FLASHING GREEN
test in progress

FLASHING YELLOW
test inhibited

ORANGE
open switch

NEW

Emergency Auto Test

Modular linked system.

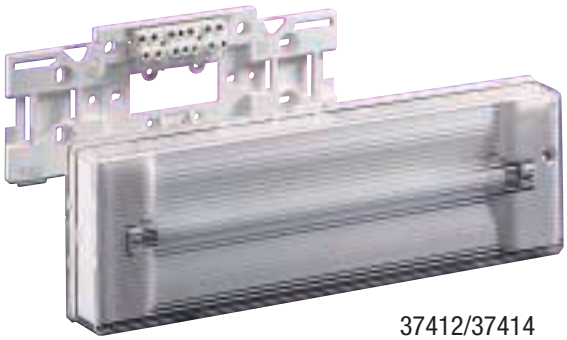
- Exact the same feature of “Self Test Luminaire” but can test automatically according to the owner or occupier needs.
- All luminaires are tested automatically from one dedicated location, removing the need for maintenance personnel to ‘visually check’ each individual luminaire.
- Not only reduces the maintenance costs, but also ensures that an accurate log is kept for possible future inspection by local fire or building control officers.
- Can be used in conjunction with marshalling box type systems.

Self Test and Auto Test is available for a number of Dextra luminaires, please ask for details.
Commissioning is required for all auto test products.

Active8

Active fast fix

- IP 40 protection rating
- Double insulated
- Installation even on flammable surfaces
- Case of self-extinguishing polycarbonate 94V-2 (UL 94)
- Incandescent wire 650°C (IEC-695-2-1/CEI 50-11)
- Working temperature 0 - 40°C



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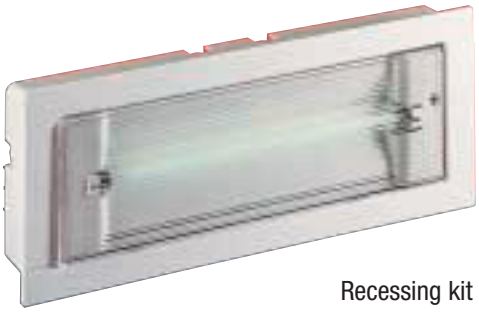
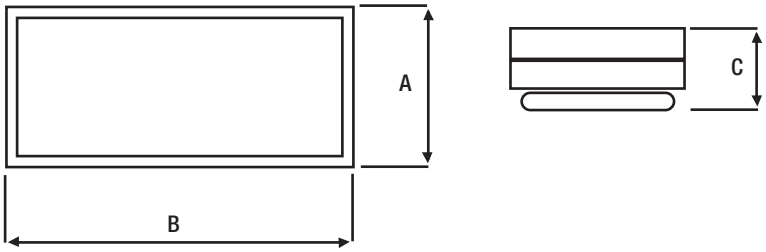


Recessing kit 50453

50483



Order Details

Order Code	Body Type	Lamp	Weight (kg)	Dimensions (mm)		
				A	B	C
37412	Non maintained emergency	1x8w T5	1.20	115	360	52
37414	Maintained emergency	1x8w T5	1.25	115	360	52
34006	Non maintained auto test	1x8w T5	1.25	115	360	52
34008	Maintained auto test	1x8w T5	1.30	115	360	52

Accessories

50453	Recessing kit	50483	Signal kit
50476	Double sided arrow left/right	50477	Double sided arrow down

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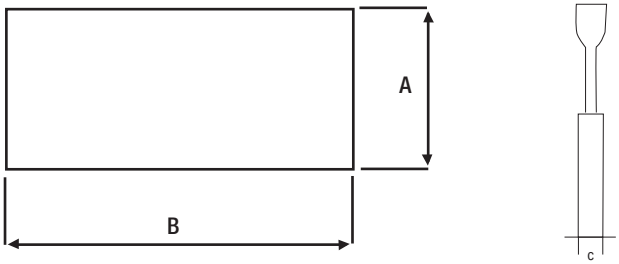
Active slim

- Unique cold Cathode Technology - min 40,000 hrs life.
- Aesthetically pleasing.
- Maintained/Non-Maintained.
- Self-Test and Auto-Test versions available.
- IP42.
- Various mounting options, ceiling/wall/cantilever/suspended.
- Single or double sided legend options.
- 32m viewing distance.
- Double insulated.

slim

Maxi



Active maxi slim

- Choice of 60m or 80m viewing distance!

Order Details

Order Code	Body Type	Weight	Dimensions (mm)		
			A	B	C
38042	Active slim arrow right single sided	1.60	251	337	35
38044	Active slim arrow left single sided	1.60	251	337	35
38046	Active slim arrow down single sided	1.60	251	337	35
38230	Active slim arrow down double sided	1.64	251	337	35
38228	Active slim arrow right/left double sided	1.64	251	337	35
38043	Active slim arrow right single sided self test	1.60	251	337	35
38045	Active slim arrow left single sided self test	1.60	251	337	35
38047	Active slim arrow down single sided self test	1.60	251	337	35
38231	Active slim arrow down double sided self test	1.64	251	337	35
38229	Active slim arrow right/left double sided self test	1.64	251	337	35
34821	Active slim arrow right single sided auto test	1.63	251	337	35
34822	Active slim arrow left single sided auto test	1.63	251	337	35
34823	Active slim arrow down single sided auto test	1.63	251	337	35
34865	Active slim arrow down double sided auto test	1.63	251	337	35
34864	Active slim arrow right/left double sided auto test	1.63	251	337	35

Accessories

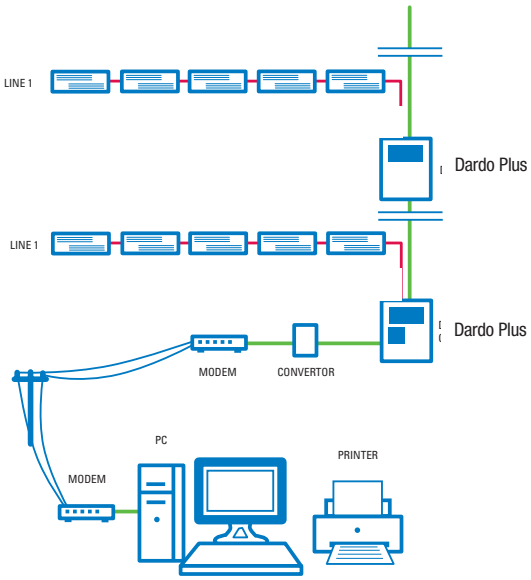
50636	Ceiling bracket	50637	Flag bracket

Active8

34109

THE DARDO PLUS. This new compact modular system, is ideal for the constant monitoring of both large and small installations. Offering immediate displays for fault descriptions, individual lamp status and diagnostic reports. The luminaires connected to the DARDO PLUS, communicate with the control unit through an interface unit. Up to 100 individual luminaires can be numbered at random using two decimal switches mounted on the circuit board enabling maintenance personnel to configure their own preferences.

The unique modular design of the Dardo plus allows up to a maximum of 32 units to be connected together.



DARDO PLUS control units, even installed at some distance, can be monitored via modem from a central PC.

DARDO PC LITE Software, ensuring accurate logs are kept for possible inspection by local Fire or Building Control Officers. Any faulty luminaires detected are individually type identified and the nature of the fault reported.

Useful in particularly complex systems covering extensive areas. Dardo PC Map identifies faulty luminaires and displays their location on the graphical or schematic maps entered by the user.

Dardo PC Map is a purpose designed program to control and monitor Dardo Plus control units. It is used for automatic systems diagnosis enabling maintenance to be planned and optimised.

Order Details

34109	Dardo Plus control unit
52000	PC - light software
52400	PC map
52204	Dardo Plus printer module
52202	RS 232/485 converter
52201	Modem

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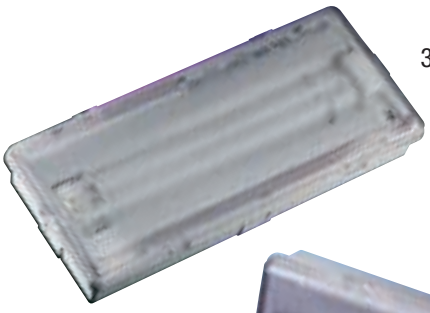
Active standard

- IP 65 protection rating
- Double insulated
- Installation even on flammable surfaces
- Case of self-extinguishing polycarbonate 94V-2 (UL 94)
- Incandescent wire 650°C (IEC-695-2-1/CEI 50-11)
- Working temperature 0 - 40°C



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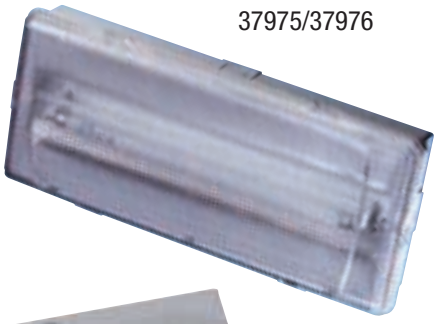

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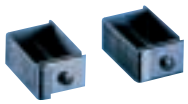
Active plus

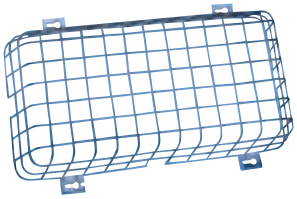
- High efficiency fresnel lense

50680

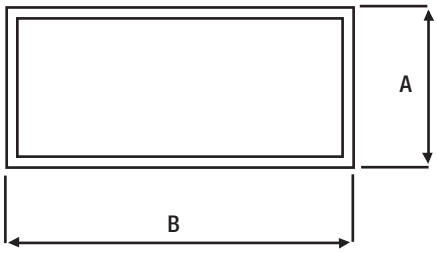
flush mounting box 50656



false-ceiling kit 50663



protective grill 50688



Order Details

Order Code	Body Type	Lamp	Weights (kg)	Dimensions (mm)		
				A	B	C
37924	Non maintained emergency	1x8w T5	1.20	170	382	66
37926	Maintained emergency	1x8w T5	1.25	170	382	66
37964	Non maintained self test	1x8w T5	1.20	170	382	66
37966	Maintained self test	1x8w T5	1.25	170	382	66
37975	Non maintained high output self test	1x8w T5	1.30	169	382	82
37976	Maintained high output self test	1x8w T5	1.35	169	382	82
34086	Non maintained high output auto test	1x8w T5	1.30	169	382	82
34088	Maintained high output auto test	1x8w T5	1.35	169	382	82

N.B. 18w versions available on request

Accessories

50663	False ceiling kit	50656	Flush mounting box
50688	Protective grill	50145	Legend kit (pack of 3)
50680	Double sided exit sign	50161	Legend Kit (for high output luminaires)