



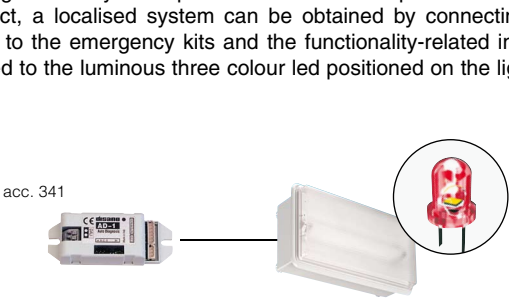
PEACE OF MIND!!

- EMergency Fixtures
- Auto Self Test
- Main Control System

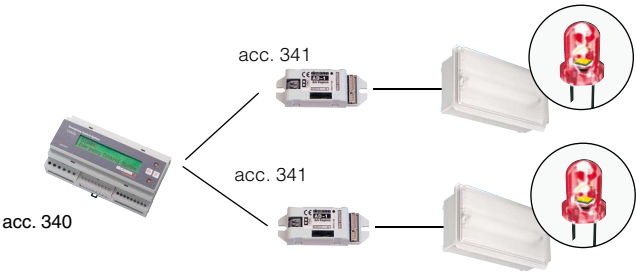


Auto Self Test

One aspect established by the Decrees refers to regular system maintenance. The self-diagnosis systems, which enable periodic function and battery charge tests to be performed, comply fully and efficiently with these needs. The majority of the Emergency ceiling fittings can be equipped with a localised self-diagnosis system by combining the normal code reference with the suffix - 0066 when ordering. The self-diagnosis system is an intelligent, modular and expandable system. A localised or centralised system can be obtained thanks to the high versatility of the product which can be expanded using other kits. 1) in fact, a localised system can be obtained by connecting the AD-1 module to the emergency kits and the functionality-related information is assigned to the luminous three colour led positioned on the lighting fitting.



2) the complete supervision of the entire system created is achieved by simply connecting all the AD-1 modules using a two-wire “DALI BUS” to a “Control unit”. The reports on the operating status can be accessed thanks to a display on the “Control unit”. The system can be interfaced with a printer to print out the functionality reports, or interfaced with a PC to manage the system from a normal workstation.



Local AD-1 Auto Self Test module (acc. 341)



This Auto Self Test module is equipped with a sophisticated microprocessor device which enables it to automatically and independently make periodic diversified checks. The AD-1 module makes two types of check at diversified periodic intervals:

- 1) functionality test: a brief test is carried out automatically every 7 days to check the functionality of the fluorescent tube.
- 2) run time test: every 12 weeks it automatically checks the battery runtime

All signals are shown by a single three-colour G-Y-R LED indicating the various operating statuses of the kit. The table below shows the various kinds of signal/behaviour of the LED.

COLOUR	LED	OPERATING STATUS
yellow	flashing	Tests disabled, due to battery recharge *after initial installation (for 24h) *after a power failure lasting more than (+ 24h)
green	flashing	Test in course * single flash: light ignition test * double flash: battery run times test
green	steady light	Fixture operating normally
red	steady light	Battery run time test failed
red	flashing	Switch-on lamp test failed
G-Y-R	flashing in sequence	Battery not connected
-----	off	No power

British Standard (BS5266 Pt. 1 1999)

The Disano Auto Self Test module aids on site compliance with the regular testing requirements of BS5266 Pt. 1 1999.

Daily:	Luminaires; visually check that all maintained lamps are operating correctly. This could be done with local training and inspection, so that in each area people are instructed to check their local maintained luminaires and to report any defect for attention. Central power supplies; check that indicators are healthy.	Visual test. No request to the AD-1 Auto Self Test module.
Monthly:	Luminaires; check all luminaires are clean, in good condition and the fluorescent lamps are bright (not blackened or flickering). Simulate a mains failure for a time sufficient only to verify emergency operation; A) for self-contained luminaires with hold-off devices, use the local test facility. B) for central power supplies use the control switch to test the emergency lighting system, ensuring it is safe and convenient to do so. Note: for safety reasons the simulated mains failure should not discharge the battery by more than 1/4 of its capacity.	Local AD-1: every seven days the Auto Self Test module follows a functionality test, a feeding network interruption and a consequent lamp ignition through the battery that lasts 15 seconds. Because of this reason, the monthly request is done four times. AD 1 + acc.340 Centralised Main: In this kind of configuration it's possible to set up the hour and the day of the beginning of the test directly from the main control unit. The ignition time (15 seconds) remains unvaried. The monthly request is satisfied in relation to the inserted data of the Main Control System.
Six monthly:	Testing as monthly but for 1/3 of the rated duration, when it is convenient and safe to do.	Local AD-1: every 12 weeks the Auto Self Test module follows an autonomy test for all the battery capacity. The half -yearly request is satisfied two times. AD-1 + Centralised Main acc.340: in this kind of configuration it's possible to set up the hour and the day of the beginning of the autonomy test. The monthly request is satisfied in relation to the inserted data of the Main Control System.
Annually:	Testing as monthly but for the full duration, when it is convenient and safe to do so. Batteries will take up to 24h to re-charge so the test should take place when the building is not occupied.	Local AD-1: every 12 weeks the Auto Self Test module follows an autonomy test for all the battery capacity. The yearly request is satisfied four times. AD-1 + acc.340 Centralised Main: in this kind of configuration it's possible to set up the hour and the day of the beginning of the autonomy test. The monthly request is satisfied in relation to the inserted data of the Main Control System.
All tests:	Record the test date and results in the emergency lighting log book. Any faults should be repaired and the date of completion recorded.	Local AD-1: the signal of the fault can be recognized through the LED combination of colours located on the device AD-1 + acc.340 Centralised Main: the signal of the fault can be recognized through the LED combination of colours on the device and the result of the tests can be printed and kept as record.

Main Control System

Use of the centralised control module complies with the need to control the lighting in emergency conditions in environments which are extensive and complex from a structural point of view.

The system comprises a main control unit to manage the “emergency lighting” system. The unit has been designed to supply power and manage up to a maximum of 200 units. On-line tests can be performed, as well as tests which can be programmed by the user:

- 1) testing the correct operation of each single lighting fitting for a few minutes (for example: once a week at 12.30);
- 2) full battery charge test with the complete discharge cycle to test the charge conditions of the batteries (for example: at 23.30 once a month).

The status reports can be accessed thanks to a liquid crystal display. The system can be interfaced with a printer to print out the functionality reports, or interfaced with a PC to manage the system from a normal workstation. The facilitated access system enables the operating data and any malfunctions of the lighting fittings to be displayed.



Main Control



340 main (Control Unit)
white 986550
Control unit for the "emergency lighting" system. Designed to control up to 200 fixtures divided into 4 groups. Fitted with Leds and relays to signal faulty operation. Suitable for mounting in modules directly into the DIN track 230-240Vac 50-60Hz 20W. Available in four languages: ITALIAN, ENGLISH, FRENCH, SPANISH.

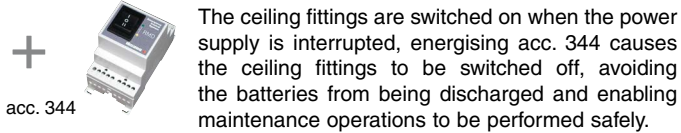
Option with printed results



Option with display on PC (+ printing results)



Option with RMD



Accessories

(AD-1) Auto Self Test:
Control unit to perform local tests. By connecting various AD-1 modules (max 200) to the control unit you can create a centralised system. Max. distance from the control unit: 300 m.



341 Auto Self Test
white 986551
Device to be installed on each light source during manufacture.
NOTE: use suffix -0066 to order fixtures complete with Auto Self Test devices.

Printer module:
Through a simple connection to the main, printing for control the operation of the system predisposed with door can be connected parallel.



342 printer unit
white 986552
Device to be installed locally to print reports on the status of the network.

Computer unit:
By using a simple duplex cable at any convenient point in the network, you can connect a PC to monitor system operation and if necessary supervise it in parallel to the “Control unit”.



343 computer unit
white 986553
Device to be installed locally to control and monitor the system. It communicates via a serial port. Software not included.

Rest-mode (RMD):
Permits you to control disablement in fixtures where this is possible and disable the emergency circuit for example during maintenance to the system.



344 RMD
white 986554
Device to be used on one or more fixtures fitted with the EM disablement system.
NOTE: when ordering fixtures specify whether they should be fitted with RMD (use suffix -0070).

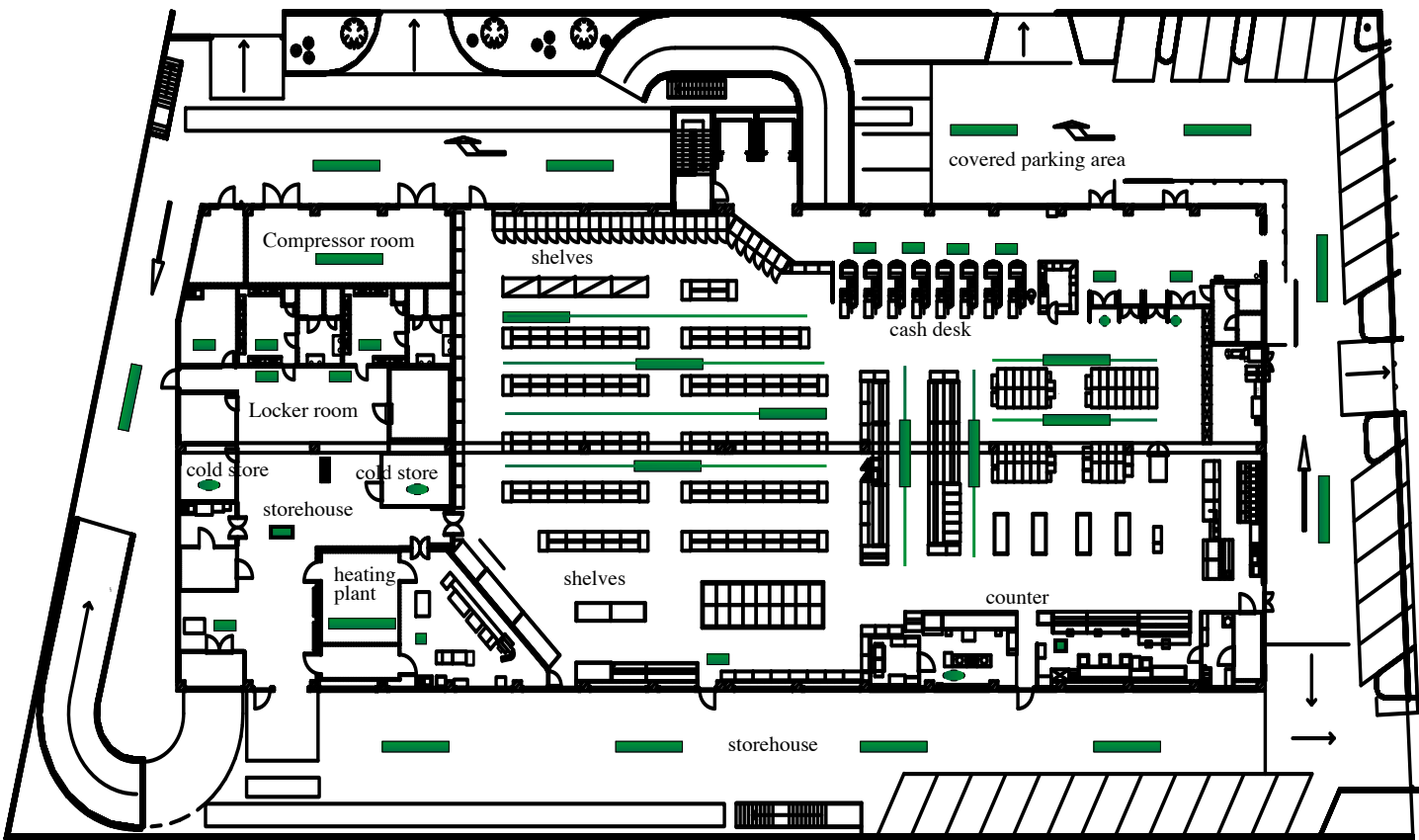
Printer module
Printing thermal from panel, ultracompact, width paper 58mm, with simple loading system.



356 printer from panel
black 986555
Complete with frame. Printer report : disano's logo, date of report, hour of report, number of installed fixtures, total number of fixtures of system, state of fixtures out of order.

Installation examples with Main Control System

Example No. 1: supermarket



Legend:

- = art. 617
- = art. 618
- = art. 626
- = art. 827
- = art. 932
- = art. 951
- = art. 6311

Equipment division:

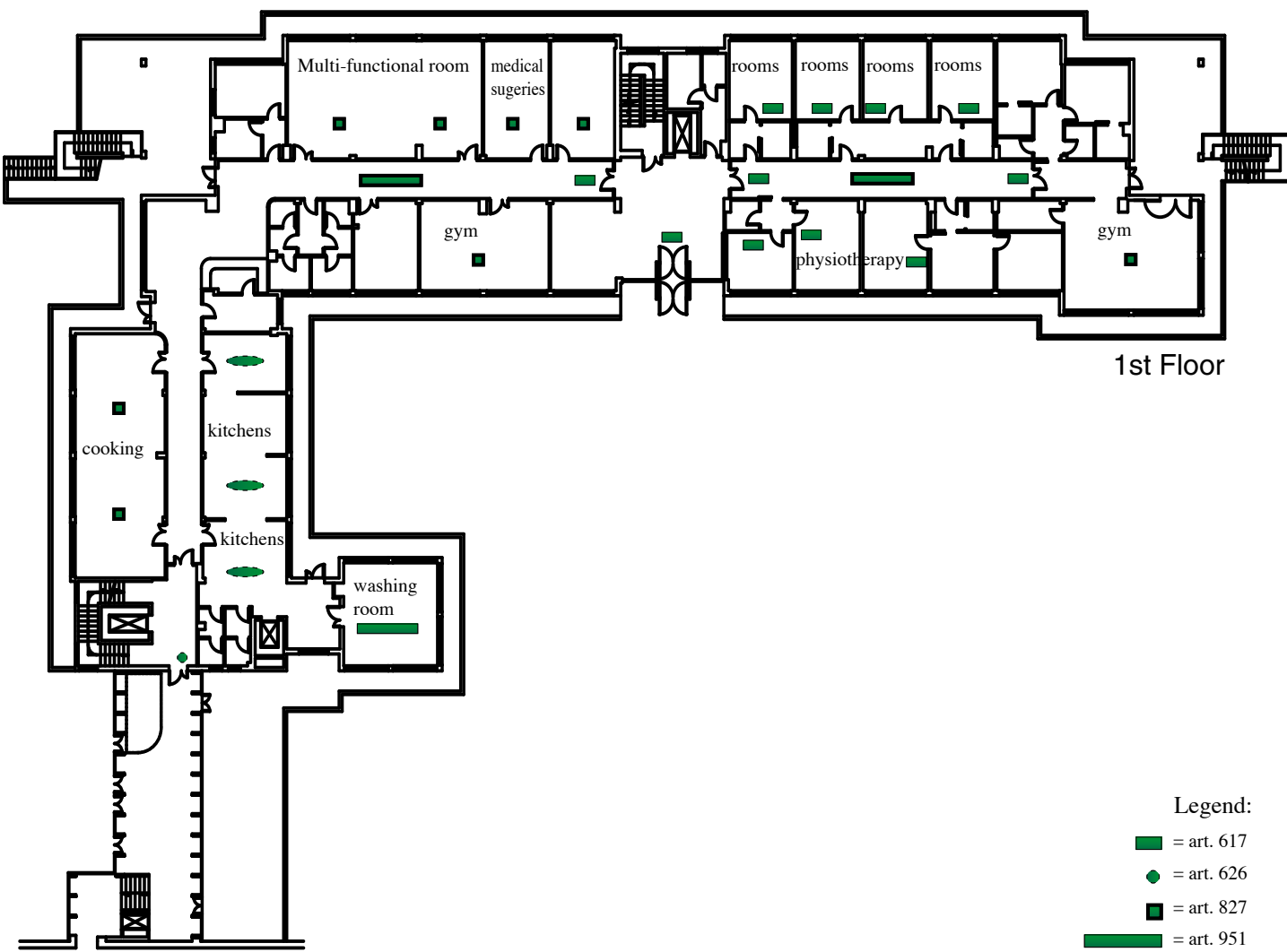
- 1st group: located in the exit routes between the cash desks and the security exits.
- 2nd group: located in the corridors.
- 3rd group: positioned in the sales display counters, in areas such as the Enel electric power supply cabin, cold storage rooms, bathrooms and rooms in general.
- 4th group: located in the warehouses and in the car parking areas.

Type and number of lighting fittings:

- 1st group: 7-off art. 617 FLC11 + AD1, 2-off art. 626 FLC1x18 + AD1 + RMD
- 2nd group: 8-off art. 6311 FL2x58W + EM + AD1
- 3rd group: 1-off art. 932 FL2x58 + EM + AD1, 1-off art. 827 FL2x36, 2-off art. 932 FL2x58, 6-off art. 617 FL8W 1h + AD1, 1-off art. 827 FL2x36, 3-off art. 932 FL2x58
- 4th group: 12-off art. 951 FL 2x58
- Distribution board complete with control unit: Control unit + printer unit + small industrial printer + 1-off RMD to inhibit the security exits + 1-off RMD providing the inhibition function inside the technical electric power distribution rooms
- 1-off PC in the central cash register area for remote monitoring + PC module + Software

Installation examples with Main Control System

Example No. 2: Convalescent home



Legend:

- = art. 617
- = art. 626
- = art. 827
- = art. 951
- = art. 989
- = art. 2084

Equipment division:

- 1st group: located in the rooms, physiotherapy rooms, corridors and corresponding to the exits
- 2nd group: located in the medical surgeries, gymnasium, canteen and multi-functional hall
- 3rd group: located in the kitchen, cooking and washing areas

Type and number of lighting fittings:

- 1st group: 10-off art. 617 FLC11 + AD1, 2-off art. 2084 FL2x18, 1-off art. 626 FLC 1x18
- 2nd group: 8-off art. 827 FL 4x18 + AD1
- 3rd group: 3-off art. 989 FL 2x36 + AD1, 1-off art. 951 FL 2x58
- Distribution board complete with control unit: Control unit + printer unit + small industrial printer + 1-off RMD to inhibit the safety exits, the surgeries and in the technical rooms.

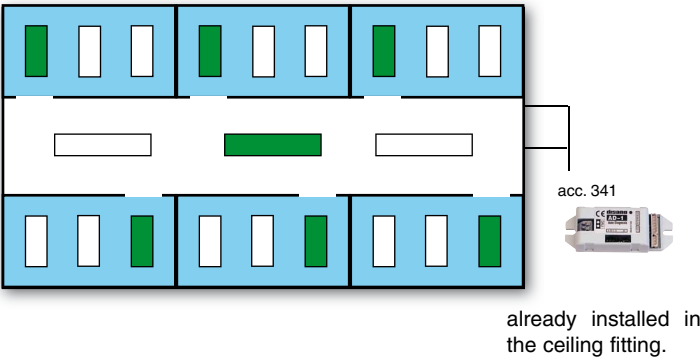
Auto Self Test + Main Control System

Emergency technical information

Localised Auto Self Test

The localised self-diagnosis test is performed using accessory 341. Testing the operating status of the emergency lighting function on each single ceiling fitting. Use in simple layout and small size environments is recommended.

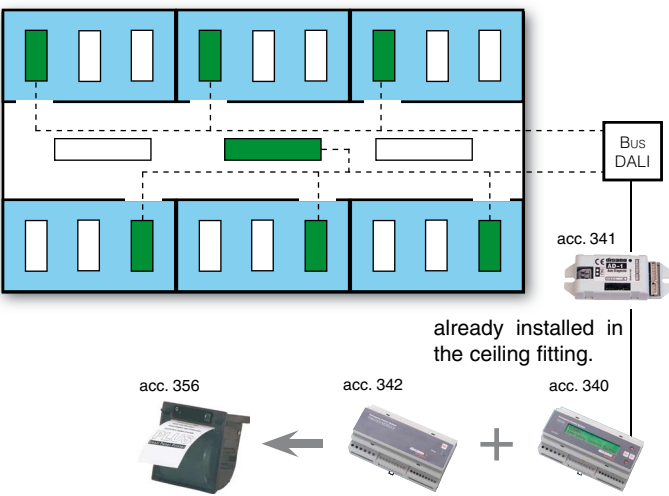
One accessory for each lighting fitting is used for this type of installation. **WARNING:** use suffix 0066 to order lighting fittings complete with the self-diagnosis function.



Centralised Auto Self Test with printer

Centralised monitoring of the emergency lighting operation via a printed report (acc 356). Use in extensive or structurally complex environments is recommended.

One accessory for each lighting fitting is used for this type of installation. **WARNING:** use suffix 0066 to order lighting fittings complete with the self-diagnosis function.

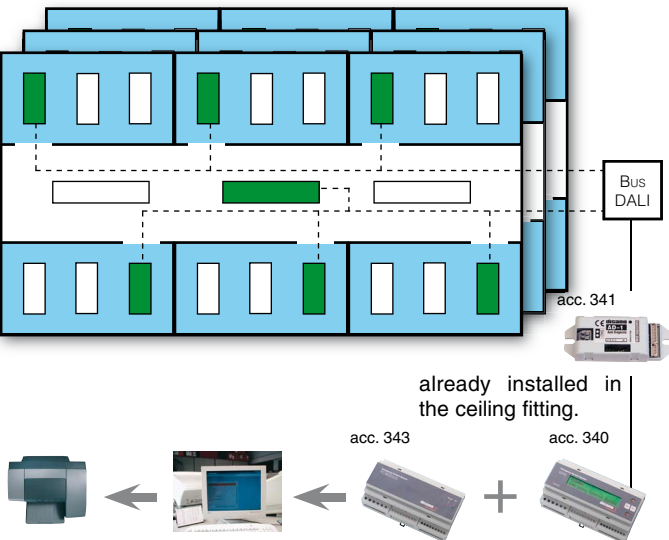


340 main (Control unit)	
white	986550
342 printer unit	
white	986552
356 printer from panel	
black	986555

Centralised Auto Self Test with PC

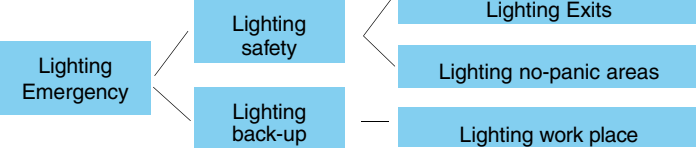
Centralised monitoring of the emergency lighting operation via PC connected with a printer. Use in extensive or structurally complex environments is recommended.

One accessory for each lighting fitting is used for this type of installation. **WARNING:** use suffix 0066 to order lighting fittings complete with the self-diagnosis function.



340 main (Control unit)	
white	986550
343 computer unit	
white	986552
356 printer from panel	
black	986555

The particular aspect of LEGISLATIVE DECREE No. 626/94 is represented by the fact it is no longer considered sufficient to ensure protection against any type of damage but a careful assessment of the risks of the working activity is also added to this. The importance of the LEGISLATIVE DECREE is represented by having introduced the concept of prevention. In essence, safety means the absence of risk for human beings and for the environment. Significant space has been dedicated to lighting among the numerous topics discussed. This can be divided into safety lighting and standby lighting.



Safety lighting: all available lighting fittings can be used with safety-related self-adhesive information instructions to indicate exits and escape routes; furthermore, they serve to indicate the correct direction to take to exit the premises and help to leave the places in which hazard situations occur. The warning sign must be clearly visible.

Illumination of exit routes: The horizontal lighting provided at ground level along the centre line of the route must not be less than 1 lx in the case of exit routes with a width of up to 2 m, and the central band, with a width equal to at least one half of the exit route, must have a lighting level of not less than 50% of the previous value. The maximum and minimum lighting level ratio on the centre line of the escape route must be greater than 40:1.

Anti-panic lighting: The horizontal lighting provided at ground level must not be less than 0.5 lx over the entire uncovered area, excluding a 0.5 m wide strip along the perimeter of the area in question. The relation between the maximum and minimum anti-panic lighting level must not be greater than 40:1. The minimum battery charge time required for exit purposes is 1 hr.

Lighting high risk areas: The lighting level maintained at the reference surface in the case of high risk areas, must not be less than 10% of the lighting level foreseen for the working activities; however, this lighting level must not be less than 15 lx. The lighting level of areas with high-risk activities must be of the permanent type or achieved within 0.5 sec, in relation to the applications.

Emergency/standby lighting: All the lighting fittings designed to ensure a sufficient lighting level for particularly hazardous environments. These fittings must enable the necessary activities to be completed without any problems and to allow the workplace to be exited safely. An average emergency lighting level of approximately 15 lux is recommended.

AREA ILLUMINANCE	REGULATIONS (some reference)	CHARGE/ RECHARGE TIME	AVERAGE ILLUM. lux (recommended)
HOTELS	DM 09/04/94 CEI 64-8 D.Lgs. 626/94	Charge: 1 h Recharge time: 12 h	5
ARCHIVES	CEI 64-8 DPR 20/05/92 n. 569 DPR 30/06/95 n. 418 D.Lgs. 626/94	Charge: 1 h Recharge time: not decl.	5
GARAGES	DM 01/02/86 CEI 64-8 D.L. 493 14/08/96 D.Lgs. 626/94	Charge: 1 h Recharge time: not decl.	5
LIBRARIES	DPR 418 30/06/95 CEI 64-8 D.L. 493 14/08/96 D.Lgs. 626/94	Charge: 1 h Recharge time: not decl.	5
SHOPPING CENTRES	CMI 75 - 03/07/67 CEI 64-50 DM 08/03/95 D.L. 493 14/08/96 D.Lgs. 626/94	Charge: 1 h Recharge time: not decl.	5
BUILDINGS (civil, buildings, restaurants, banks, offices)	DM 16/05/87 n. 246 CEI 64-50 D.Lgs 626/94	Charge: 1 h Recharge time: not decl.	5
INDOOR SPORTS	CMI 16 - 15/02/51 DMI 08/03/85 CEI 64-8 DM 18/3/86 DMI 19/08/96 UNI 9316 - 04/89 D.L. 493 14/08/96 D.Lgs. 626/94	Charge: 1 h Recharge time: 12 h	10% of sports area
RELIGIOUS BUILDING	no reference	Charge: 1 h	5

BATTERIES:
The Ni-Cd batteries utilised by Disano are produced using the most up-to-date environment friendly technologies. The components used to manufacture the batteries are non-toxic thereby minimising the environmental impact. This type of battery is ideal for use in the lighting sector. In fact, the Ni-Cd batteries comply with the EN 60598-2-22 standards which establish a specific working life at a high temperature (EN61951), after 12 months operation, the batteries are still operational and can be charged.

Technical information:

- The batteries should be replaced every four years or after 500 discharge/charge cycles to ensure the system's performance.
- Batteries of the same type, nominal voltage and capacity must be used, if the batteries need to be changed
- Disposal:
the Ni-Cd batteries used contain the following heavy metals:
- Ni = 19.5%
- Cd = 18.5%

These materials are subject to separate collection and recycling based on the regulations existing in the various countries.



AREA ILLUMINANCE	REGULATIONS (some reference)	CHARGE/ RECHARGE TIME	AVERAGE ILLUM. lux (recommended)
WORK PLACES	DPR n. 547 - 27/4/55 DPR n. 320 - 20/03/56 CEI 64-8 D.L. 493 14/08/96 D.Lgs. 626/94	Charge: 1 h Recharge time: not decl.	5
PLACES OF PUBLIC ENTERTAINMENT (cinemas, theatres)	DMI 19/08/96 CEI 64-8 CEI 64/50 DMI 08/03/85 D.L. 493 14/08/96 D.Lgs. 626/94	Charge: 1 h Recharge time: 12 h	5
SHOPS	DMI 08/03/85 CMI 75 - 03/07/67 CEI 64-8 D.L. 493 14/08/96 D.Lgs. 626/94	Charge: 1 h Recharge time: not decl.	5
HOSPITALS/ NURSING	DMI 08/03/85 DMS 05/08/77 CEI 64-8 CEI 64-4 D.L. 493 14/08/96 D.Lgs. 626/94	Charge: 1 / 3 h Recharge time: not decl.	5
STADIUMS	DMI 08/03/85 CMI 16 - 15/02/51 DMI 19/08/96 CEI 64-8 D.L. 493 14/08/96 D.Lgs. 626/94	Charge: 1 h Recharge time: not decl.	5
SCHOOLS	DMI 08/03/85 DMI 26/08/92 CEI 64-8 D.L. 493 14/08/96 D.Lgs. 626/94	Charge: 1 h Recharge time: 12 h	5
OFFICES	DMI 08/03/85 CEI 64-8 D.L. 493 14/08/96 D.Lgs. 626/94	Charge: 1 h Recharge time: not decl.	5

EMergency fixtures

S.A. Emergency (Maintained):
In the event of a black-out the one lamp connected to the back-up circuit stays on, thus avoiding the inconvenience caused by a sudden absence of all light.
Emergency run time: 60/180 minutes. When power is restored, the battery recharges automatically in 12 hours. (60 min. version)
On request: with Auto Self Test (suffix -0066).

S.E. Emergency (Only emergency):
In the event of a black-out the one lamp connected to the back-up circuit ignites, thus avoiding the inconvenience caused by a sudden absence of all light.
Emergency run time: 60/180 minutes. When power is restored, the battery recharges automatically in 12 hours.
On request: with on-off switch (suffix -0066).

Housing: Vandal-resistant, self-extinguishing, UV-stabilized, anti-yellowing grey polycarbonate.

Diffuser: Vandal resistant, V2 self-extinguishing, UV-stabilised clear polycarbonate, anti-glare frosted inside; smooth, dust-proof outside.

Reflector: Reflecting white polycarbonate.

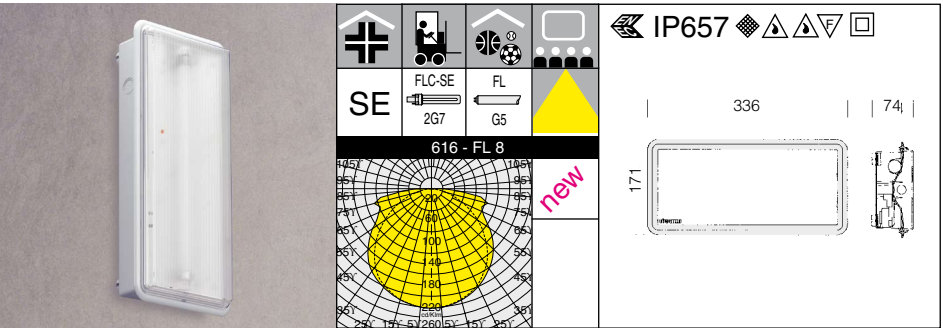
Lampholder: Polycarbonate and phosphorous bronze contacts..

Electric gear: 230V-240/60Hz power supply with electronic ballast. 4P terminal block for SE version and 6P terminal block for SA version (maximum allowed lead cross-section 2.5 sqmm).

Equipment: rubber cable gland; fixture presetted for REST MODE function. Standard inspection LED.

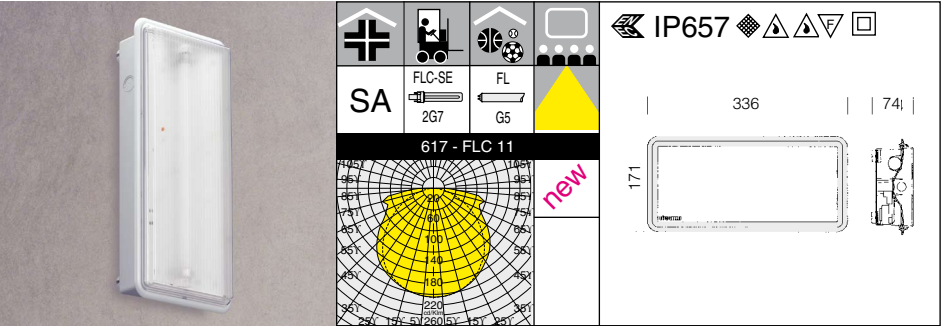
Regulations: Manufactured in compliance with EN60598 - CEI 34 -21 standards. The level of protection complies with the EN60529 standard.

Lamps: Supplied with 4000 K energy saving lamps.

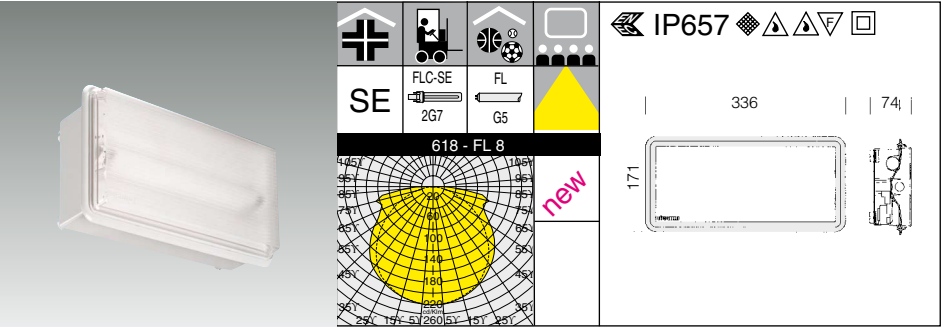


weight	wattage	colour	code
Kg	W		disano

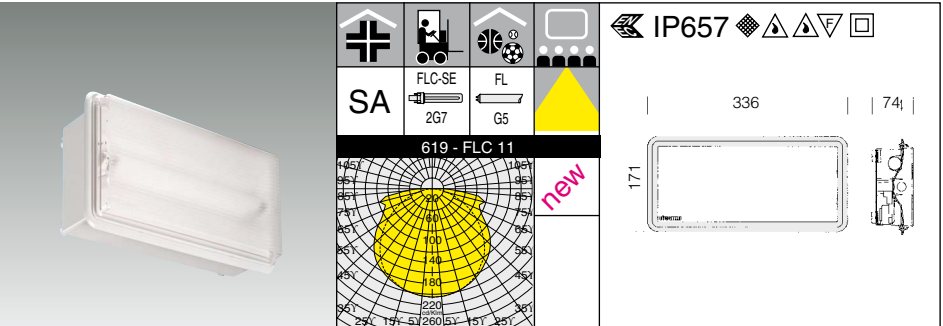
616 Safety - only emergency 1h S.E. CEM-L
1.00 FL 8 grey 112530-00
1.00 FLC 11S/E grey 112531-00
On request: with Auto self test (suffix 0066). Safety could be wired with high performance in emergency 11W lamp (60% regarding the 29/30% as stated in this laeflet).



617 Safety - emergency 1h S.A. CELL-E
1.00 FL 8 grey 112540-00
1.00 FLC 11S/E grey 112541-00
On request: with Auto self test (suffix 0066). Safety could be wired with high performance in emergency 11W lamp (60% regarding the 29/30% as stated in this laeflet).

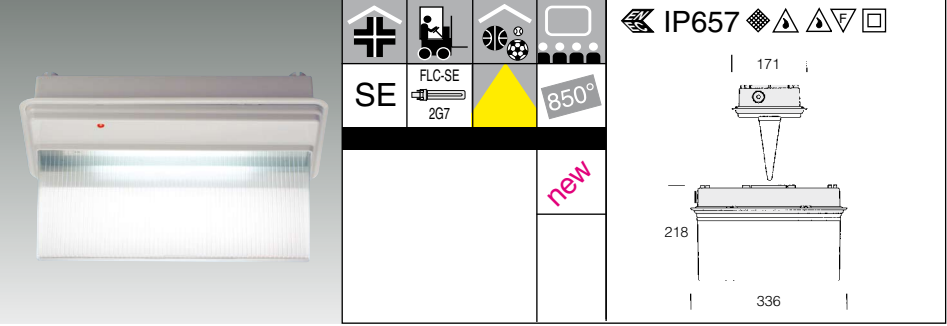


618 Safety - only emergency 3h S.E. CEM-L
1.00 FL 8 grey 112560-00
1.00 FLC 11S/E grey 112561-00
On request: with Auto self test (suffix 0066).



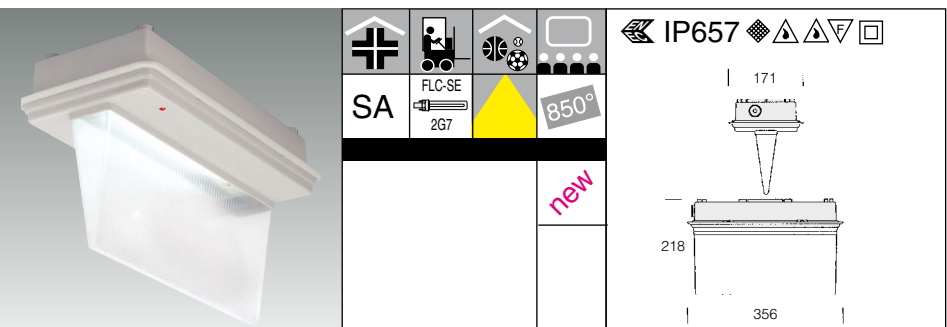
619 Safety - emergency 3h S.A. CELL-E
1.00 FL 8 grey 112570-00
1.00 FLC 11S/E grey 112571-00
On request: with Auto self test (suffix 0066).

EMergency fixtures

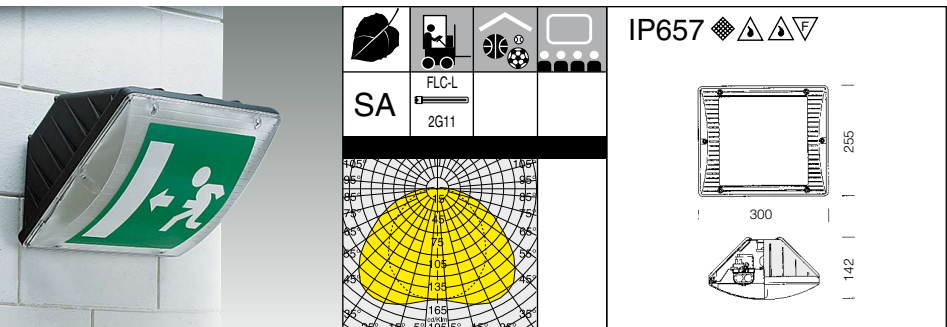


weight	wattage	colour	code
Kg	W		disano

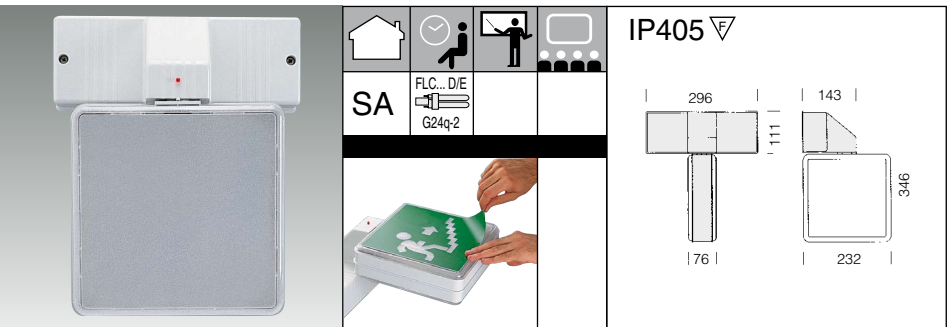
614 Safety - only emergency 1h S.E. CEM-L
1.00 FLC 11S/E grey 112510-00
On request: with Auto self test (suffix 0066).



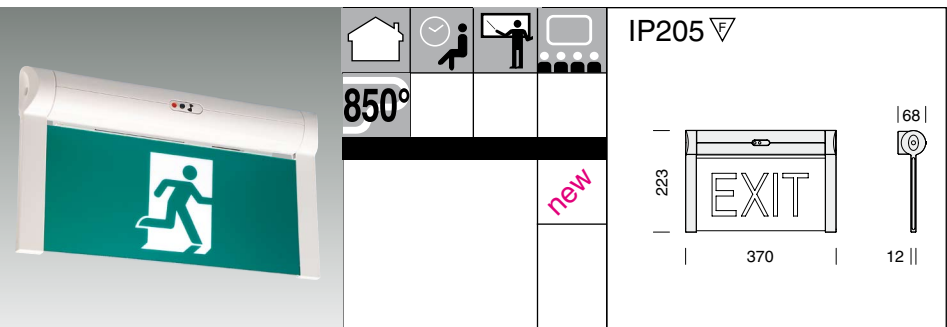
615 Safety - emergency 1h S.A. CELL-E
1.00 FLC 11S/E grey 112520-00
On request: with Auto self test (suffix 0066).



1260EM Vega CBRL-E
3.10 FLC 2x18L black 420667-07
Emergency wiring: in the event of a black-out the lamp connected to the emergency circuit will stay on. It has a 60-minute run time. When power is restored, the battery recharges automatically.
On request: with Auto self test (suffix 0066).
Housing: In nylon f.v. vandal resistant.
Pictograph stickers available:



626 Segno - with EM warning sign CNL-E
2.50 FLC 1x18D/E grey/neutro 112551-00
With emergency kit in SA "maintained version". Diffuser rotation: from 0° to 330°. Emergency gear: In the event of a black-out only one lamp connected to the emergency circuit will stay on, thus avoiding the inconvenience caused by a sudden absence of all light. It has a 60-minute emergency run time. When power is restored, the battery recharges automatically.
On request: with Auto self test (suffix 0066).
Pictograph stickers available:



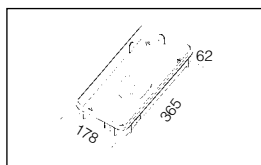
620 LedEm - with led
2.50 Led white white 112580-00
With emergency kit in SA "maintained version". In the event of a black-out only one lamp connected to the emergency circuit will stay on, thus avoiding the inconvenience caused by a sudden absence of all light. It has a 180-minute emergency run time. When power is restored, the battery recharges automatically in 24h.
Pictograph stickers available:



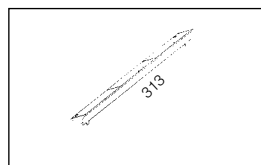
Safety accessories wall/banner

LedEm - always on

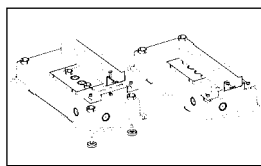
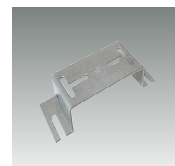
LONG LIFE VERSION



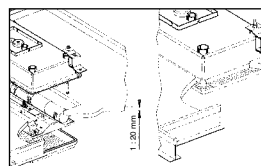
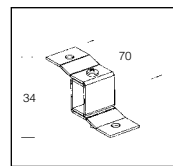
321 external box
black 995210
Made of polycarbonate. For recessed installation.



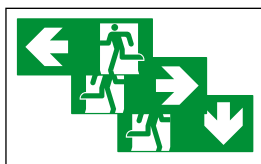
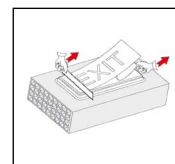
322 shutter
white 995211
Made of polycarbonate. To be used to make the light beam asymmetrical.



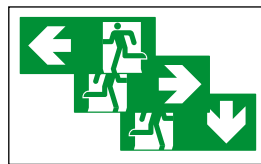
338 bracket for trunking
995226
Made of steel. To be used to attach art. 616/7/8/9 for trunking.



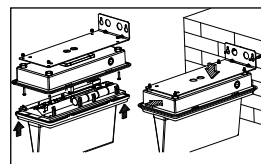
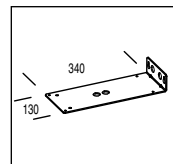
325 shock/ panel bracket
995225
To be used to attach art. 616/7/8/9 to panels or shocks.



323 label x 616/7/8/9
right out 995220
left out 995221
down out 995222
Exit 995224
Self-adhesive pictograms visible up to 27m. UNI EN1838.



355 label x 614/5
right out 995230
left out 995231
down out 995232
Exit 995233
Self-adhesive pictograms visible up to 26m. UNI EN1838.



324 wall bracket
995223
Made of steel. To be used to install art. 614/615 with a "banner effect on the wall".

S.A. Emergency (Maintained): The lamp connected to the emergency circuit remains switched on in the event of a black-out, avoiding inconvenience due to sudden darkness. The battery remains energised for 180 min. The battery recharges automatically in 24 hours when the power supply returns.

Housing: Shatter-proof and self-extinguishing polycarbonate, stabilised against UV rays, non-yellowing.

Diffusor: Transparent polycarbonate, internal, dazzle-proof satin finish, shatter-proof and self-extinguishing V2, stabilised against UV rays.

Wiring: 230V-240/50Hz power supply with electronic ballast and with a maximum 2.5 mm2 cross-section for the conductors.

Installation: wall and ceiling mounted with directional brackets. Equipment: complete with 'emergency exit' symbol and inspection led; with 16 white coloured leds.

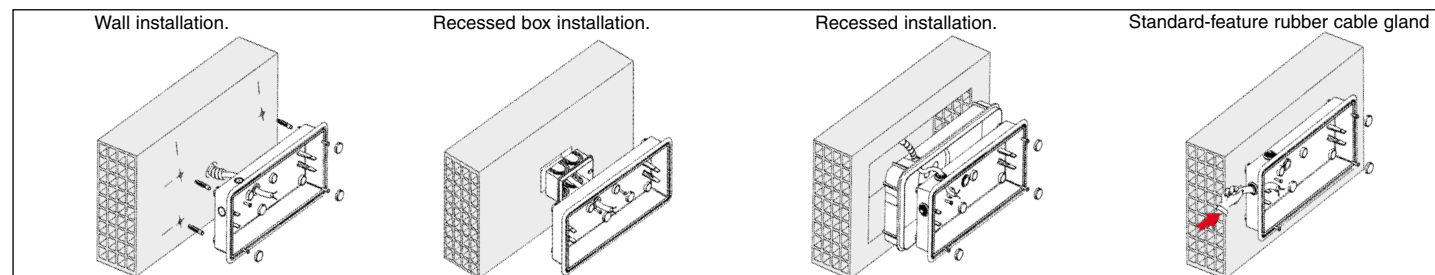
Regulations: Manufactured in compliance with the EN60598-1, EN60598-2-22 "Emergency equipment", UNI EN1838 "emergency lighting" standards. The level of protection complies with the EN60529 standards.



Ceiling mounting: fix the lighting fitting to a flat surface using suitable screws according to the installation positions indicated in the instructions.

Wall mounting: drill holes in the wall according to the installation positions as described in the instructions and remove the access cover to allow the wires to be passed through.

Safety installation examples



Certified illuminance table



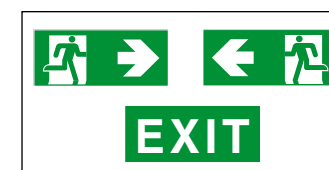
The data relative to the rated luminous flux emitted by the lighting fitting in emergency mode has been certified by the IMQ body. The luminous flux values for the various versions, shown in the table, were obtained at the end of the demanding test prescribed by paragraph 22.17 of the CEI EN 60598-2-22 standard; the rated luminous flux was recorded after the power supply to the lighting fitting was interrupted and applied 500 times, each cycle consisted of switching off for 2s and switching on for 2s.

Articles	W	SA	SE	h	Battery Ni-Cd
art. 614 11W SE	11W-850lm	---	---	1h	4.8V-1.5Ah
art. 615 11W SE	11W-850lm	---	---	1h	4.8V-1.5Ah

• = safety signal with colours complying with the ISO 3864 standard and with the luminance of the entire safety colour surface exceeding 2cd/sq.m. in all directions

Articles	W	SA	SE	h	Battery Ni-Cd
art. 616 8W SE	8W-450lm	----	107 (27%)	1h	3.6V-1.5Ah
art. 616 11W SE	11W-850lm	----	192 (29%)	1h	4.8V-1.5Ah
art. 617 8W SA	8W-450lm	394	107 (27%)	1h	3.6V-1.5Ah
art. 617 11W SA	11W-850lm	649	192 (29%)	1h	4.8V-1.5Ah
art. 618 8W SE	8W-450lm	----	115 (29%)	3h	3.6V-4Ah
art. 618 11W SE	11W-850lm	----	207 (32%)	3h	3.6V-4Ah
art. 619 8W SA	8W-450lm	400	115 (29%)	3h	3.6V-4Ah
art. 619 11W SA	11W-850lm	639	207 (32%)	3h	3.6V-4Ah
art. 616 8W SE + Acc. 322	8W-450lm	----	96 (27%)	1h	3.6V-1.5Ah
art. 616 11W SE + Acc. 322	11W-850lm	----	167 (30%)	1h	4.8V-1.5Ah
art. 617 8W SA + Acc. 322	8W-450lm	352	96 (27%)	1h	3.6V-1.5Ah
art. 617 11W SA + Acc. 322	11W-850lm	564	167 (30%)	1h	4.8V-1.5Ah
art. 618 8W SE + Acc. 322	8W-450lm	----	103 (29%)	3h	3.6V-4Ah
art. 618 11W SE + Acc. 322	11W-850lm	----	180 (32%)	3h	3.6V-4Ah
art. 619 8W SA + Acc. 322	8W-450lm	357	103 (29%)	3h	3.6V-4Ah
art. 619 11W SA + Acc. 322	11W-850lm	556	180 (32%)	3h	3.6V-4Ah
art. 616 11W SE High Flux	11W-850lm	----	389 (60%)	1h	3.6V-4Ah
art. 617 11W SA High Flux	11W-850lm	649	389 (60%)	1h	3.6V-4Ah

357 label for art. 620
right/left out 995227
Exit 995228
Self-adhesive pictograms visible up to 26m. UNI EN1838.



CHARGE : 3h
RECHARGE TIME : 24h
S.A. VERSION : ALWAYS ON
WHITE COLOUR 16 LED

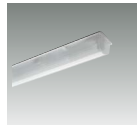


Emergency fixtures

Designed for the Self-diagnosis function which can be ordered using suffix 0066.
Fixtures with 3hrs battery can be ordered using suffix 31.



Article	Name	Wattage	Code
409EM	Wing	FL 1x36	214422-07
409EM	Wing	FL 1x58	214424-07
410EM	Rigo	FL 1x36	214544-07



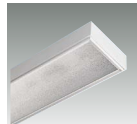
Article	Name	Wattage	Code
601EM	Disanlens	FL 2x36	115573-07
601EM	Disanlens	FL 2x58	115574-07
601EM	Disanlens	FL 2x36	116073-07
601EM	Disanlens	FL 2x58	116074-07



Article	Name	Wattage	Code
705EM	Airone	FLC 2x55L	143111-07
707EM	Wallwasher	FL 1x36	143119-07
707EM	Wallwasher	FL 1x58	143120-07
708EM	Gabbiano	FLC 2x55L	143021-07
708EM	Gabbiano	FL 2x54	143024-07
708EM	Gabbiano	FLC 2x36L	143020-07



Article	Name	Wattage	Code
715EM	Ibis - 2-lamp	FL 2x28	143230-07
715EM	Ibis - 2-lamp	FL 2x54	143231-07



Article	Name	Wattage	Code
727EM	Comfort	FL 2x18	142042-07
727EM	Comfort	FL 2x36	142043-07
727EM	Comfort	FL 2x58	142044-07
727EM	Comfort	FL 4x18	142048-07
727EM	Comfort	FL 4x36	142049-07



Article	Name	Wattage	Code
743EM	Pratica	FLC 2x18L	141810-07
744EM	Pratica	FLC 2x18L	141815-07
745EM	Pratica	FLC 2x18L	141820-07



Article	Name	Wattage	Code
747EM	Oblò	FC 32	112631-07
748EM	Oblò	FC 22+4	112641-07



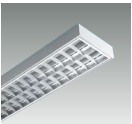
Article	Name	Wattage	Code
752EM	Supercomfort T5	FL 4x14	143522-07
752EM	Supercomfort T5	FL 2x28	143524-07
752EM	Supercomfort T5	FL 4x28	143525-07
752EM	Supercomfort T5	FL 2x35	143527-07



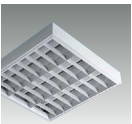
Article	Name	Wattage	Code
773EM	Comfort - high-gloss	FL 1x36	141382-00
773EM	Comfort - high-gloss	FL 1x58	141383-00
773EM	Comfort - high-gloss	FL 2x18	141344-07
773EM	Comfort - high-gloss	FL 2x36	141395-00
773EM	Comfort - high-gloss	FL 2x58	141396-00
773EM	Comfort - high-gloss	FL 3x36	141398-00
773EM	Comfort - high-gloss	FL 4x18	141390-00
773EM	Comfort - high-gloss	FL 4x36	141391-00



Article	Name	Wattage	Code
775EM	Comfort - matt	FL 1x36	141482-00
775EM	Comfort - matt	FL 1x58	141483-00
775EM	Comfort - matt	FL 2x18	141444-07
775EM	Comfort - matt	FL 2x36	141495-00
775EM	Comfort - matt	FL 2x58	141496-00
775EM	Comfort - matt	FL 3x36	141498-00
775EM	Comfort - matt	FL 4x18	141490-00
775EM	Comfort - matt	FL 4x36	141491-00



Article	Name	Wattage	Code
777EM	Comfort - matt scored	FL 1x36	141680-00
777EM	Comfort - matt scored	FL 1x58	141681-00
777EM	Comfort - matt scored	FL 2x18	141642-07
777EM	Comfort - matt scored	FL 2x36	141693-00
777EM	Comfort - matt scored	FL 2x58	141694-00
777EM	Comfort - matt scored	FL 3x36	141696-00
777EM	Comfort - matt scored	FL 4x18	141698-00
777EM	Comfort - matt scored	FL 4x36	141699-00



Article	Name	Wattage	Code
779EM	Comfort - painted scored	FL 1x36	141082-00
779EM	Comfort - painted scored	FL 1x58	141083-00
779EM	Comfort - painted scored	FL 2x18	141044-07
779EM	Comfort - painted scored	FL 2x36	141095-00
779EM	Comfort - painted scored	FL 2x58	141096-00
779EM	Comfort - painted scored	FL 3x36	141099-00
779EM	Comfort - painted scored	FL 4x18	141091-00
779EM	Comfort - painted scored	FL 4x36	141092-00



Article	Name	Wattage	Code
808EM	Gabbiano	FL 2x36	153020-07
808EM	Gabbiano	FLC 2x55	153021-07



Article	Name	Wattage	Code
811EM	Comfort	FL 4x18	152040-07
814EM	Comfort	FL 4x18	152043-07



Article	Name	Wattage	Code
817EM	Compact - waterproof	FLC1x26D/E	156338-07
822EM	Compact	FLC26D+26D/E	156497-07



Article	Name	Wattage	Code
825EM	Comfort - opal diffuser	FL 2x36	156556-00
825EM	Comfort - opal diffuser	FL 4x18	156558-00
825EM	Comfort - opal diffuser	FL 4x36	156559-00



Article	Name	Wattage	Code
826EM	Comfort - lenticular dif.	FL 2x36	156654-00
826EM	Comfort - lenticular dif.	FL 4x18	156658-00
826EM	Comfort - lenticular dif.	FL 4x36	156659-00



Article	Name	Wattage	Code
827EM	Comfort - opal	FL 2x36	156725-07
827EM	Comfort - opal	FL 4x18	156728-07
827EM	Comfort - opal	FL 4x36	156729-07



Article	Name	Wattage	Code
828EM	Comfort - prismatic dif.	FL 2x36	156825-07
828EM	Comfort - prismatic dif.	FL 4x18	156828-07
828EM	Comfort - prismatic dif.	FL 4x36	156829-07



Article	Name	Wattage	Code
831EM	Comfort - high-loss	FL 1x36	157562-00
831EM	Comfort - high-loss	FL 1x58	157553-00
831EM	Comfort - high-loss	FL 2x36	157555-00
831EM	Comfort - high-loss	FL 2x58	157556-00

Emergency fixtures

Designed for the Self-diagnosis function which can be ordered using suffix 0066.
Fixtures with 3hrs battery can be ordered using suffix 31.



Article	Name	Wattage	Code
843EM	Ermetica	FL 2x28	152070-07
843EM	Ermetica	FL 2x54	152071-07
843EM	Ermetica	FL 4x14	152072-07
843EM	Ermetica	FL 4x24	152073-07
829EM	Ermetica	FL 2x28	152180-07
829EM	Ermetica	FL 2x36	152181-07
829EM	Ermetica	FL 4x18	152182-07



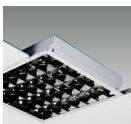
Article	Name	Wattage	Code
852EM	Supercomfort T5	FL 2x28	153524-07
852EM	Supercomfort T5	FL 4x28	153525-07
852EM	Supercomfort T5	FL 2x35	153527-07



Article	Name	Wattage	Code
861EM	Rendicomfort T8	FL 4x18	150226-07



Article	Name	Wattage	Code
862EM	Rendicomfort T5	FL 4x14	150320-07
862EM	Rendicomfort T8	FL 4x18	150326-07



Article	Name	Wattage	Code
863EM	Comfort T5	FL 4x14	150316-07
863EM	Comfort T8	FL 4x18	150312-07
863EM	Comfort T8	FL 4x18	150313-07



Article	Name	Wattage	Code
864EM	Comfortlight T5	FL 2x28	150415-07
864EM	Comfortlight T5	FL 4x14	150416-07
864EM	Comfortlight T5	FL 4x28	150417-07
864EM	Comfortlight T8	FL 2x36	150411-07
864EM	Comfortlight T8	FL 2x36	150419-07
864EM	Comfortlight T8	FL 4x18	150412-07
864EM	Comfortlight T8	FL 4x36	150413-07
864EM	Comfortlight T8	FL 4x18	150420-07
864EM	Comfortlight T8	FL 4x36	150421-07



Article	Name	Wattage	Code
865EM	Comfort T8	FL 4x18	150713-07



Article	Name	Wattage	Code
866EM	Rendicomfort T5	FL 4x14	150520-07
866EM	Rendicomfort T8	FL 4x18	150526-07
866EM	Rendicomfort T8	FL 4x18	150525-07
866EM	Rendicomfort T8	FL 4x18	150625-07



Article	Name	Wattage	Code
873EM	Comfort - high-loss	FL 1x36	151480-00
873EM	Comfort - high-loss	FL 1x58	151481-00
873EM	Comfort - high-loss	FL 2x18	151444-07
873EM	Comfort - high-loss	FL 2x36	151495-00
873EM	Comfort - high-loss	FL 2x58	151496-00
873EM	Comfort - high-loss	FL 3x18	151497-00
873EM	Comfort - high-loss	FL 3x36	151498-00
873EM	Comfort - high-loss	FL 4x18	151490-00
873EM	Comfort - high-loss	FL 4x36	151491-00
874EM	Comfort - high-loss	FL 1x36	151482-00
874EM	Comfort - high-loss	FL 1x58	151483-00
874EM	Comfort - high-loss	FL 2x18	151464-07
874EM	Comfort - high-loss	FL 2x36	158485-00
874EM	Comfort - high-loss	FL 2x58	158486-00
874EM	Comfort - high-loss	FL 3x18	158483-00
874EM	Comfort - high-loss	FL 4x18	158489-00



Article	Name	Wattage	Code
875EM	Comfort - matt	FL 1x36	151580-00
875EM	Comfort - matt	FL 1x58	151581-00
875EM	Comfort - matt	FL 2x18	151544-07
875EM	Comfort - matt	FL 2x36	151595-00
875EM	Comfort - matt	FL 2x58	151596-00
875EM	Comfort - matt	FL 3x18	151597-00
875EM	Comfort - matt	FL 3x36	151598-00
875EM	Comfort - matt	FL 4x18	151582-00
875EM	Comfort - matt	FL 4x36	151571-00



Article	Name	Wattage	Code
877EM	Comfort - matt scored	FL 1x36	151680-00
877EM	Comfort - matt scored	FL 1x58	151681-00
877EM	Comfort - matt scored	FL 2x18	151644-07
877EM	Comfort - matt scored	FL 2x36	151695-00
877EM	Comfort - matt scored	FL 2x58	151696-00
877EM	Comfort - matt scored	FL 4x18	151690-00
877EM	Comfort - matt scored	FL 4x36	151691-00



Article	Name	Wattage	Code
879EM	Comfort - painted scored	FL 1x36	157080-00
879EM	Comfort - painted scored	FL 1x58	157081-00
879EM	Comfort - painted scored	FL 2x18	157044-07
879EM	Comfort - painted scored	FL 2x36	157095-00
879EM	Comfort - painted scored	FL 2x58	157096-00
879EM	Comfort - painted scored	FL 4x18	157090-00
879EM	Comfort - painted scored	FL 4x36	157091-00



Article	Name	Wattage	Code
891EM	Attiva	FLC 3x55	151843-07
892EM	Attiva	FLC 3x55	151943-07



Article	Name	Wattage	Code
915EM	Ibis	FL 1x54	154021-07
915EM	Ibis	FL 2x24	154041-07
915EM	Ibis	FL 2x28	154042-07
915EM	Ibis	FL 2x54	154044-07
916EM	Ibis 2-lamp	FL 2x24	154050-07
916EM	Ibis 2-lamp	FL 2x28	154051-07
916EM	Ibis 2-lamp	FL 2x54	154052-07
918EM	Ibis 1-lamp	FLC 1x55L	154060-07



Article	Name	Wattage	Code
932EM	Echo	FL 1x18	164682-00
932EM	Echo	FL 1x36	164689-00
932EM	Echo	FL 1x58	164690-00
932EM	Echo	FL 2x18	164685-00
932EM	Echo	FL 2x36	164686-00
932EM	Echo	FL 2x58	164687-00



Article	Name	Wattage	Code
948EM	Hydro - FS	FL 2x35	164793-07
952EM	Hydro	FL 1x18	164483-00
952EM	Hydro	FL 1x36	164484-00
952EM	Hydro	FL 1x58	164485-00
952EM	Hydro	FL 2x18	164486-00
952EM	Hydro	FL 2x36	164487-00
952EM	Hydro	FL 2x58	164488-00



Article	Name	Wattage	Code
981EM	Lunar	FL 1x36	166442-07
981EM	Lunar	FL 1x58	166443-07
981EM	Lunar	FL 2x36	166445-07
981EM	Lunar	FL 2x58	166446-07



Article	Name	Wattage	Code
989EM	Eterna - inox+polycarb.	FL 2x36	162362-07
989EM	Eterna - inox+polycarb.	FL 2x58	162363-07
989EM	Eterna - inox+polycarb.	FL 3x36	162365-07
989EM	Eterna - inox+polycarb.	FL 3x58	162366-07

Emergency fixtures

Designed for the Self-diagnosis function which can be ordered using suffix 0066.
Fixtures with 3hrs battery can be ordered using suffix 31.



Article	Name	Wattage	Code
991EM	Steel - steel + polycarb.	FL 2x36	162252-07
991EM	Steel - steel + polycarb.	FL 2x58	162253-07
991EM	Steel - steel + polycarb.	FL 3x36	162255-07
991EM	Steel - steel + polycarb.	FL 3x58	162256-07

Article	Name	Wattage	Code
992EM	Eterna - inox + glass	FL 2x36	162382-00
992EM	Eterna - inox + glass	FL 2x58	162383-00
992EM	Eterna - inox + glass	FL 3x36	162385-00
992EM	Eterna - inox + glass	FL 3x58	162386-00

Article	Name	Wattage	Code
994EM	Forma - steel + glass	FL 1x36	162437-07
994EM	Forma - steel + glass	FL 1x58	162438-07
994EM	Forma + glass	FL 2x36	162439-07
994EM	Forma + glass	FL 2x58	162440-07

Article	Name	Wattage	Code
999EM	Forma - inox + glass	FL 1x36	162461-07
999EM	Forma - inox + glass	FL 1x58	162462-07
999EM	Forma - inox + glass	FL 2x36	162463-07
999EM	Forma - inox + glass	FL 2x58	162464-07

Article	Name	Wattage	Code
1165EM	Radon - asymmetric	FL 1x58	413083-00
1166EM	Radon - fluorescent	FL 2x58	413283-00
1166EM	Radon - fluorescent	FL 3x58	413286-00

Article	Name	Wattage	Code
1540EM	Cosmo	FLC 2x11S/E	427350-00
1541EM	Cubo	FLC 2x11S/E	427450-00
1542EM	Orma	FLC 1x11S/E	427550-00
1262EM	Rhea	FLC 2x18D	420763-00

Article	Name	Wattage	Code
2034EM	Top + EM warning sign	FLC1x18D/E	144427-00
2034EM	Top + EM warning sign	FLC1x18D/E	144425-00
2034EM	Top + EM warning sign	FLC1x18D/E	144429-00
2034EM	Top + EM warning sign	FLC1x18D/E	144430-00
2064EM	Top - EM mod.+ sign	FLC1x18D	144627-00
2064EM	Top - EM mod.+ sign	FLC1x18D	144625-00
2064EM	Top - EM mod.+ sign	FLC1x18D	144629-00
2064EM	Top - EM mod.+ sign	FLC1x18D	144630-00

Article	Name	Wattage	Code
2084EM	Top - 1-lamp	FL 1x18	144451-00
2084EM	Top - 1-lamp	FL 1x18	144410-07
2084EM	Top - 1-lamp	FL 1x18	144454-00
2084EM	Top - 1-lamp	FL 1x18	144551-00
2084EM	Top - 1-lamp	FL 1x36	144452-00
2084EM	Top - 1-lamp	FL 1x36	144411-07
2084EM	Top - 1-lamp	FL 1x36	144455-00
2084EM	Top - 1-lamp	FL 1x36	144552-00
2084EM	Top - 1-lamp	FL 1x58	144453-00
2084EM	Top - 1-lamp	FL 1x58	144412-07
2084EM	Top - 1-lamp	FL 1x58	144456-00
2084EM	Top - 1-lamp	FL 1x58	144553-00
2084EM	Top - 2-lamp	FL 2x18	144651-00
2084EM	Top - 2-lamp	FL 2x18	144610-07
2084EM	Top - 2-lamp	FL 2x18	144654-00
2084EM	Top - 2-lamp	FL 2x18	144554-00
2084EM	Top - 2-lamp	FL 2x36	144652-00
2084EM	Top - 2-lamp	FL 2x36	144611-07

Article	Name	Wattage	Code
2100EM	Kendo	FL 1x36	146355-00
2100EM	Kendo	FL 1x36	146356-00
2100EM	Kendo	FL 1x36	146357-00
2100EM	Kendo	FL 1x36	146245-07
2100EM	Kendo	FL 1x58	146451-00
2100EM	Kendo	FL 1x58	146454-00
2100EM	Kendo	FL 1x58	146455-00
2100EM	Kendo	FL 1x58	146456-00
2100EM	Kendo	FL 1x58	146457-00
2100EM	Kendo	FL 1x58	146246-07
2100EM	Kendo	FL 1x36	146351-00
2100EM	Kendo	FL 1x36	146354-00

Article	Name	Wattage	Code
2114EM	Kendo	FLC1x18D/E	146381-00
2114EM	Kendo	FLC1x18D/E	146385-00
2114EM	Kendo	FLC1x18D/E	146386-00
2114EM	Kendo	FLC1x18D/E	146387-00
2114EM	Kendo	FLC1x18D/E	146388-00

Article	Name	Wattage	Code
2283EM	Giano + module EM	FLC1x18D/E	143969-00
2283EM	Giano + module EM	FLC1x18D/E	143970-00

Article	Name	Wattage	Code
2610EM	Evoluzione - high-loss	FL 1x36	125511-07
2610EM	Evoluzione - high-loss	FL 1x58	125512-07
2610EM	Evoluzione - high-loss	FL 2x36	125521-07
2610EM	Evoluzione - high-loss	FL 2x58	125522-07
2610EM	Evoluzione - high-loss	FL 3x36	125531-07
2610EM	Evoluzione - high-loss	FL 4x36	125541-07

Article	Name	Wattage	Code
2620EM	Evoluzione - matt	FL 1x36	125611-07
2620EM	Evoluzione - matt	FL 1x58	125612-07
2620EM	Evoluzione - matt	FL 2x36	125621-07
2620EM	Evoluzione - matt	FL 2x58	125622-07
2620EM	Evoluzione - matt	FL 3x36	125631-07
2620EM	Evoluzione - matt	FL 4x36	125641-07

Article	Name	Wattage	Code
2270EM	Giano T5 - 1-lamp	FL 1x14	143910-07
2270EM	Giano T5 - 1-lamp	FL 1x14	143915-07
2270EM	Giano T5 - 1-lamp	FL 1x28	143911-07
2270EM	Giano T5 - 1-lamp	FL 1x28	143916-07
2270EM	Giano T5 - 1-lamp	FL 1x35	143912-07
2270EM	Giano T5 - 1-lamp	FL 1x35	143917-07
2270EM	Giano T5 - 1-lamp	FL 1x80	143913-07
2270EM	Giano T5 - 1-lamp	FL 1x80	143918-07
2271EM	Giano T8 - 1-lamp	FL 1x18	143920-07
2271EM	Giano T8 - 1-lamp	FL 1x18	143924-07
2271EM	Giano T8 - 1-lamp	FL 1x36	143921-07
2271EM	Giano T8 - 1-lamp	FL 1x36	143925-07
2271EM	Giano T8 - 1-lamp	FL 1x58	143922-07
2271EM	Giano T8 - 1-lamp	FL 1x58	143926-07
2272EM	Giano T5 - 2-lamp	FL 2x14	143930-07
2272EM	Giano T5 - 2-lamp	FL 2x14	143935-07
2272EM	Giano T5 - 2-lamp	FL 2x28	143931-07
2272EM	Giano T5 - 2-lamp	FL 2x28	143936-07
2272EM	Giano T5 - 2-lamp	FL 2x35	143932-07
2272EM	Giano T5 - 2-lamp	FL 2x35	143937-07
2272EM	Giano T5 - 2-lamp	FL 2x80	143933-07
2272EM	Giano T5 - 2-lamp	FL 2x80	143938-07
2273EM	Giano T8 - 2-lamp	FL 2x18	143940-07
2273EM	Giano T8 - 2-lamp	FL 2x18	143944-07
2273EM	Giano T8 - 2-lamp	FL 2x36	143941-07
2273EM	Giano T8 - 2-lamp	FL 2x36	143945-07
2273EM	Giano T8 - 2-lamp	FL 2x58	143942-07
2273EM	Giano T8 - 2-lamp	FL 2x58	143946-07

Article	Name	Wattage	Code
2660EM	Evoluzione - high-loss	FL 1x36	125811-07
2660EM	Evoluzione - high-loss	FL 1x58	125812-07
2660EM	Evoluzione - high-loss	FL 2x36	125821-07
2660EM	Evoluzione - high-loss	FL 2x58	125822-07

Article	Name	Wattage	Code
6301EM	Ele System T8-1-lamp	FL 1x36	237820-00
6301EM	Ele System T8-1-lamp	FL 1x58	237821-00
6311EM	Ele System T8 - 2-lamp	FL 2x36	237830-00
6311EM	Ele System T8 - 2-lamp	FL 2x58	237831-00

Article	Name	Wattage	Code
6401EM	Rapid System - knife switch	FL 1x36	237551-00
6401EM	Rapid System - knife switch	FL 1x58	237552-00
6501EM	Rapid System - knife switch	FL 2x58	237557-00
6501EM	Rapid System - knife switch	FL 2x36	238046-07

Emergency fixtures

Designed for the Self-diagnosis function which can be ordered using suffix 0066.
Fixtures with 3hrs battery can be ordered using suffix 31.

Code	Name/Wattage	Colour
69710-07	ARGOLUX FLC 2x18L	white
69820	ARGOLUX 2x26 FLC-D	white
89013-07	EURO 1 FLC 2x26D/E+26	white

Code	Name/Wattage	Colour
70611-07	ZSA-ZSA FLC 1x18T/E	grey
70711-07	JOSEPHINE FLC 1x18D/E	grey

Code	Name/Wattage	Colour
81210-07	MILANO FLC 1x26T/E	white
81272-07	MILANO FLC 1x26T/E	met. sil.

Code	Name/Wattage	Colour
152012-07	OFFICE 2 - 65° FLC-D-D/E 1x26	aluminium
152015-07	OFFICE 2 - 65° FLC-D-D/E 2x13	aluminium
152016-07	OFFICE 2 - 65° FLC-D-D/E 2x18	aluminium
152017-07	OFFICE 2 - 65° FLC-D-D/E 2x26	aluminium

Code	Name/Wattage	Colour
152110-07	SERVICE FLC-D 1x13	aluminium
152111-07	SERVICE FLC-D 1x18	aluminium
152112-07	SERVICE FLC-D 1x26	aluminium
152115-07	SERVICE FLC-D 2x13	aluminium
152116-07	SERVICE FLC-D 2x18	aluminium
152117-07	SERVICE FLC-D 2x26	aluminium

Code	Name/Wattage	Colour
153011-07	LEX FLCD-D/E 2x26	white
173071-07	LEX FLCD-D/E 2x26	met. sil.

Code	Name/Wattage	Colour
173175-07	ENERGY 2000 FLC 1x18 D+D/E	aluminium
172176-07	ENERGY 2000 FLC 2x26D/E	aluminium
173177-07	ENERGY 2000 FLC 1x26 D+D/E	aluminium
172178-07	ENERGY 2000 FLC 2x18D/E	aluminium
173176-07	ENERGY 2000 FLC 2x26D/E	aluminium
173178-07	ENERGY 2000 FLC 2x18D/E	aluminium

Code	Name/Wattage	Colour
175071-07	SHELL 1 with glass FLC 2x18D/E	white
175072-07	SHELL 1 with glass FLC 2x18D/E	chrome
175073-07	SHELL 1 with glass FLC 1x18D/E	white
175074-07	SHELL 1 with glass FLC 1x18D/E	chrome
175075-07	SHELL 1 with glass FLC 1x26D/E	white
175076-07	SHELL 1 with glass FLC 1x26D/E	chrome

Code	Name/Wattage	Colour
175091-07	SHELL 3 with glass FLC-D 2x13	white
175092-07	SHELL 3 with glass FLC-D 2x13	met. sil.
175093-07	SHELL 3 with glass FLC-D 2x18	white
175094-07	SHELL 3 with glass FLC-D 2x18	met. sil.
175095-07	SHELL 3 with glass FLC-D 2x26	white
175096-07	SHELL 3 with glass FLC-D 2x26	met. sil.
175173-07	SHELL 2 FLC 2x18D/E	aluminium
175174-07	SHELL 2 FLC 2x26D/E	aluminium

Code	Name/Wattage	Colour
183681-07	ALICIA FLC 1x26D/E	met. sil.
183470-07	CLARA FLC 1x26 D/E	met. sil.
183580-07	OLAJA FLC 1x26 D/E	met. sil.

Code	Name/Wattage	Colour
190813-07	ENERGY 9 + glass FLC 2x13D/E	allum.
190814-07	ENERGY 9 + glass SAB FLC2x13D/E	allum.
190915-07	ENERGY 10 + glass FLC2x26D/E	allum.
190916-07	ENERGY 10 + glass FLC 2x26D/E	allum.

Code	Name/Wattage	Colour
191013-07	ENERGY 1 FLC-D 2x13D/E	white
191017-07	ENERGY 1 FLC-D 1x13D/E	white
191018-07	ENERGY 1 FLC 1x18D/E	white

Code	Name/Wattage	Colour
191023-07	ENERGY 1 bis FLC 2x13D	matt
191024-07	ENERGY 1 bis FLC-D 1x13D/E	matt
191025-07	ENERGY 1 bis FLC-D 1x18D/E	matt
191026-07	ENERGY 1 bis FLC-D 1x13D	matt
191028-07	ENERGY 1 bis FLC 1x18D/E	matt

Code	Name/Wattage	Colour
191111-07	ENERGY 2 -FLC-D 1x18	white
191112-07	ENERGY 2 -FLC-D2x13W	white
191116-07	ENERGY 2 FLC-D 26+26D/E	white
191117-07	ENERGY 2 -FLC-D1x26W	white
191119-07	ENERGY 2 FLC 18+18D/E	white

Code	Name/Wattage	Colour
191126-07	ENERGY 2 bis FLC-D 1x26	matt
191127-07	ENERGY 2 bis FLC-D 2x26	matt
191129-07	ENERGY 2 bis FLC-D 2x18	matt

Code	Name/Wattage	Colour
191215-07	ENERGY 3 FLC 1x18D	white

Code	Name/Wattage	Colour
191416-07	ENERGY 8 FLC 26+26D/E	white
191417-07	ENERGY 8 -FLC-D 1x26W	white
191419-07	ENERGY 8 FLC 18+18D/E	white

Code	Name/Wattage	Colour
191613-07	ENERGY 6 FLC 2x13D/E	gold
191719-07	ENERGY 7 FLC-D+D/E 18+18	gold

Code	Name/Wattage	Colour
231312	OVALE - warning sign FLC-D/E 1x18	white
231372	OVALE - warning sign FLC-D/E 1x18	grey
231362	OVALE - warning sign FLC-D/E 1x18	met. sil.

Code	Name/Wattage	Colour
235012-07	OVALE - emergency FL 2x18	white
235014-07	OVALE - emergency FL 2x36	white
235016-07	OVALE - emergency FL 2x58	white
235062-07	OVALE - emergency FL 2x18	met. sil.
235064-07	OVALE - emergency FL 2x36	met. sil.
235066-07	OVALE - emergency FL 2x58	met. sil.
235072-07	OVALE - emergency FL 2x18	met. grey
235074-07	OVALE - emergency FL 2x36	met. grey
235076-07	OVALE - emergency FL 2x58	met. grey

Code	Name/Wattage	Colour
300111-07	SNODATO FL 1x18 L:1516 mm	white
300113-07	SNODATO FL 1x36 L:2116 mm	white
300115-07	SNODATO FL 1x58 L:2456 mm	white
300161-07	SNODATO FL 1x18 L:1516 mm	met. sil.
300163-07	SNODATO FL 1x36 L:2116 mm	met. sil.
300165-07	SNODATO FL 1x58 L:2456 mm	met. sil.
300171-07	SNODATO FL 1x18 L:1516 mm	met. grey
300173-07	SNODATO FL 1x36 L:2116 mm	met. grey
300175-07	SNODATO FL 1x58 L:2456 mm	met. grey

Code	Name/Wattage	Colour
312311-00	SNODATO+warning sign FLC 18D/E	white
312361-00	SNODATO+warning sign FLC 18D/E	met. sil.
312371-00	SNODATO+warning sign FLC 18D/E	met. grey

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