EMERGENCY LIGHTING

GENERAL CATALOGUE

inim ELECTRONICS

Inim emergency lighting systems take over automatically when the protected area experiences power outage caused by unexpected incidents, fires, natural disasters or network overloads.
High-brightness, long-life emergency lamps effectively signal and illuminate routes to emergency exits thus allowing the orderly evacuation of the building.
Seamless integrated operation with Inim fire protection systems offers extra security during all situations of danger.

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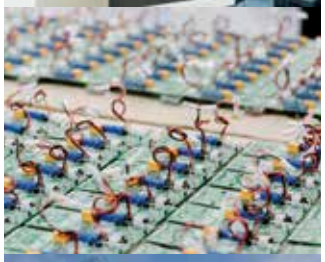


Made in Inim. Made in Italy.

The energy of an Italian company in continuous evolution.
The innovation of intrusion, fire and home automation systems made in Italy and appreciated throughout the world. The quality of fully certified products, easy to install and even easier to use. The security that should surrounds us.

HARPER

Years of passion and expertise of INIM's R&D professionals have brought about Harper. The line of LED emergency and signalling luminaires that provides a vast choice of power, autonomy, IP grade and much more. The use of energy-saving LED technology with exclusive patented optics guarantees high flux (up to 400 lm) and eliminates the risk of glare. The Harper line includes signalling luminaires with plexiglass diffusers that come in various sizes and with different visibility distance: 30m (Harper 330) and 20m (Harper 320). All Harper line models are specifically optimized for fast trouble-free installation. The flexibility of these products permits wall, ceiling, flush and suspended mounting thanks to dedicated kits.

New high-performance lithium iron batteries ($LiFePO_4$) provide Harper emergency luminaires with optimum reliability even in high temperature environments. Longer lasting and more compact, secure and eco-friendly than ordinary nickel cadmium or metal hydride batteries. All models provide a test button which also functions as a brightness dimmer for maintained emergency luminaires.
The leading-edge Harper emergency luminaires are available in four versions: standard version; self-test version, which detects faults automatically; BUS interface version, which is supervised by the control-panel; central-battery version, for a centralized power-supply system.

Compatibility

All products in the Harper range with BUS operating capabilities can also be installed in addressable fire-detection systems: a feature currently offered exclusively by INIM.
This feature allows the use of a single control panel and a single BUS for both systems and allows the creation of such systems in less time and at a reduced cost. The 2 apparatuses (emergency luminaires, fire detection) can interact to increase their potential and functionality.

Tecnhology

The light source of the HARPER emergency luminaires series is an optimal blend of new generation long-life LEDs rated to over 50 thousand hours, high light output, low energy consumption and, thanks to an exclusive patented optical lighting design, highly effective glare-free technology that complies with all regulations regarding photobiological safety. The durability and performance of Harper emergency luminaires is further enhanced by new $LiFePO_4$ long-life batteries which are smaller and more environment-friendly than standard nickel-cadmium or nickel-metal hydride batteries.

Our selection

The Harper series offers a vast selection of LED lights for all emergency lighting needs. The various levels of autonomy, different protection grades which satisfy the requirements of all environments and accessory-device flexibility determine suitability for all applications. Two operating modes are available: Maintained The luminaire remains On continuously both when the mains power supply is present and when it is not. This is normally required for evacuation routes. Non Maintained The luminaire switches On only when there is a power cut on the mains power line.

Versions

Standard Self-powered devices, complete with battery. Require connection to the 230Vac mains network only. Self-Test The emergency lighting devices are equipped with a microprocessor which manages the device (On/Off), its functions and its battery life. The device performs a FUNCTIONALITY TEST which runs every 14 days and a battery AUTONOMY TEST which runs every 28 days. In this way the installer can carry out regular maintenance in a precise and almost effortless way due to the fact that the lamp itself signals any faults that may be present.
Bus-Supervised The devices are equipped with an interface which is electrically isolated from the rest of the electronic circuitry, this permits communication via BUS and therefore can be continuously monitored by a control panel. In all cases communication failure with the control panel (e.g. BUS Disconnected), the devices continue to function in a completely autonomous way and perform both the functionality and autonomy tests using the same procedure and times as the Self-Test.
Central-Battery The devices are not equipped with batteries but have a circuit with an electronic driver for the activation of the LEDs. They can be powered by a voltage between 160 and 260Vac and can be used as ordinary luminaires or be connected to a centralized supply system.

Test button

Many HARPER devices are equipped with a button which provides the installer with numerous functions. By simply by pressing the button you can, at any moment, verify the device functionality or by pressing and holding the button for 5 seconds you can perform the autonomy test. In Maintained devices, pressing the button for 2 seconds will allow you to dim the Maintained flux, from maximum brightness to minimum 10% intensity.
This latter function is particularly useful for devices installed in public places such as cinemas and theatres: under normal circumstances these will provide enough light to indicate evacuation routes without disturbing the show. In the event of an emergency, these luminaires will provide the maximum light level.

Inhibit and rest mode

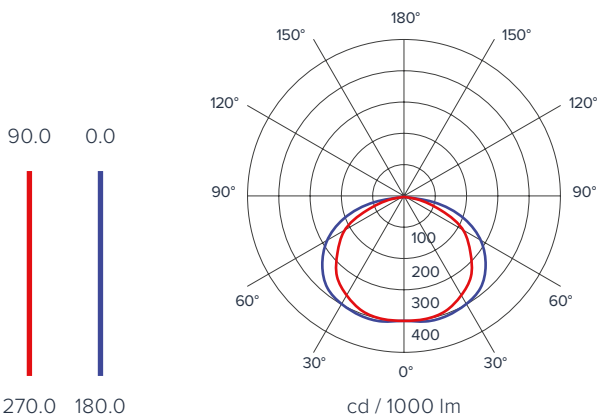
The inhibit function, realized by means of a switch connected to the luminaire terminals, I and C, can be used to inhibit the emergency lighting system. However, this simple cost-efficient solution has a drawback: in the event of fault along the inhibit line, or if the switch is mistakingly left in the “OFF” position, the system will be permanently inhibited and consequently the light will be unable to switch on. As a countermeasure to these drawbacks the respective standards require a “Rest mode” which can be achieved by connecting an INICOM (centralized control device) to terminals R and C. The INICOM manages the Inhibit option on the luminaires and resets them in the event of blackout. This device allows you to carry out the functionality and autonomy test on the emergency system.

DIVA

LED emergency lamp.

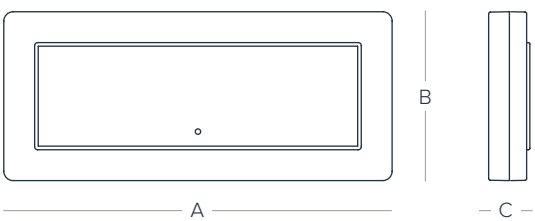
LED emergency lamp with compact minimalist design.

Photometric diagram



Dimensions

A = mm 230
B = mm 100
C = mm 22,5



Description	
Product range	DIVA
Product type	Emergency lamp
Versions	Standard, Self-Test, Bus-supervised, Central-Battery
Type	Maintained, Non-Maintained
Technical specifications	
Installation	Wall, ceiling
Power supply	220/230Vac, 50-60Hz
Battery	$LiFePO_4$ 3,2V
Insulation class	II
Colour	RAL9003 white
Light source	LED
Colour temperature	6000K
Screen	Ultrasound-welded Polycarbonate
Additional Info	Dedicated terminal for inhibition function
	Dedicated terminal for the rest mode
IP grade	IP42, IP65 (*)
IK grade	IK07
Operating temperature	From 0° to 40°C
Compliant to standards	EN 55015, EN 60598-1, EN 60598-2-22, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-7, EN 61547, EN 62471
Dimensions (W X H X D)	230X100X22,5 mm
Guarantee	5 years
Packaging	25 pieces

(*) The IP65 grade is obtained with an accessories kit.

Available versions	Order codes	Power [2]	Duration	Battery $LiFePO_4$ 3,2V [Ah]	Maintained Non-Maintained	MED FLUX [lm] N/M	MED. FLUX [lm] M	IP Grade	Recharge	INICOM Compatibility
standard	DVSE081542	8W	1,5h	0,6	N/M	140	-	IP42	12h	-
	DVSE080342	8W	3h	1,5	N/M	140	-	IP42	12h	-
	DVSE110242	11W	2h	1,5	N/M	180	-	IP42	12h	-
	DVSE181542	18W	1,5h	1,5	N/M	320	-	IP42	12h	-
	DVSA080342	8W	3h	1,5	M - N/M	140	140	IP42	6h	✓
	DVSA110242	11W	2h	1,5	M - N/M	180	180	IP42	6h	✓
	DVSA110342	11W	3h	2 x 1,5	M - N/M	180	180	IP42	12h	✓
	DVSA181542	18W	1,5h	1,5	M - N/M	320	180	IP42	6h	✓
	DVSA180342	18W	3h	2 x 1,5	M - N/M	320	180	IP42	12h	✓
	DVSA241542	24W	1,5h	2 x 1,5	M - N/M	400	220	IP42	12h	✓
self-test	DVAA080342	8W	3h	1,5	M - N/M	140	140	IP42	6h	✓
	DVAA110242	11W	2h	1,5	M - N/M	180	180	IP42	6h	✓
	DVAA110342	11W	3h	2 x 1,5	M - N/M	180	180	IP42	12h	✓
	DVAA180142	18W	1h	1,5	M - N/M	320	180	IP42	6h	✓
	DVAA180242	18W	2h	2 x 1,5	M - N/M	320	180	IP42	12h	✓
	DVAA241542	24W	1,5h	2 x 1,5	M - N/M	400	220	IP42	12h	✓
bus-supervised	DVBA080342	8W	3h	1,5	M - N/M	140	140	IP42	6h	-
	DVBA110242	11W	2h	1,5	M - N/M	180	180	IP42	6h	-
	DVBA110342	11W	3h	2 x 1,5	M - N/M	180	180	IP42	12h	-
	DVBA180142	18W	1h	1,5	M - N/M	320	180	IP42	6h	-
	DVBA180242	18W	2h	2 x 1,5	M - N/M	320	180	IP42	12h	-
	DVBA241542	24W	1,5h	2 x 1,5	M - N/M	400	220	IP42	12h	-
central-battery	DVLA080042	8W	-	-	-	-	140	IP42	-	-
	DVLA110042	11W	-	-	-	-	180	IP42	-	-
	DVLA180042	18W	-	-	-	-	320	IP42	-	-
	DVLA240042	24W	-	-	-	-	400	IP42	-	-

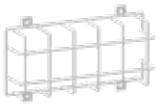
[2] Indicative power for the comparison with fluorescent tube devices.

Accessories

OHDVIP65
IP65 Kit

OHDVPTK
Pictograms kit for DIVA

OHX00GRT
Metal protective grating for complete protection of the luminaire body



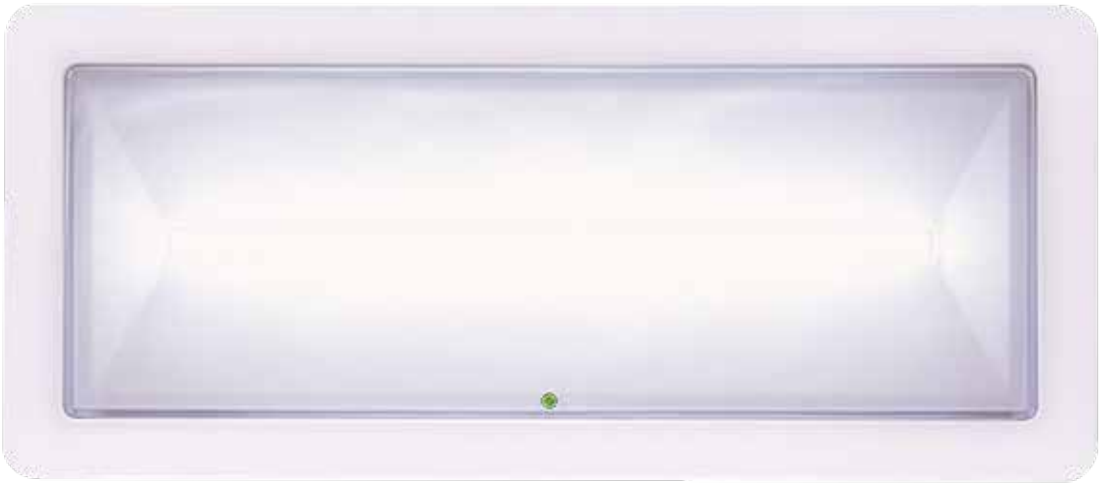
INICOM
Remote control for management of rest mode

OHX00BR45
Bracket for installation with a 45° inclination

OHBBK
Kit for fixing to an electrified bar

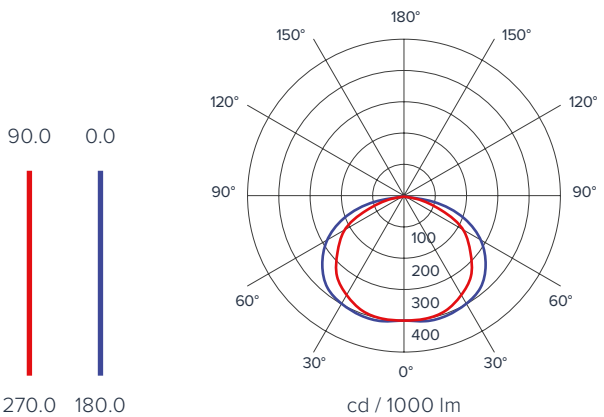
DEXIA

High-flux LED Emergency Lamp.



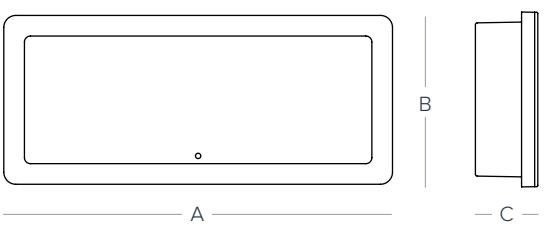
High-flux LED Emergency Lamp especially designed for industrial environments, department stores and parking facilities.

Photometric diagram



Dimensions

A = mm 322
B = mm 140
C = mm 50



LIGHTING

Description	
Product range	DEXIA
Product type	Emergency lamp
Versions	Standard, Self-Test, Bus-supervised, Central-Battery
Type	Maintained , Non-Maintained
Technical specifications	
Installation	Wall, ceiling, flush mounting/false ceiling
Power supply	220/230Vac, 50-60Hz
Battery	$LiFePO_4$ 3,2V
Insulation class	II
Colour	White
Light source	LED
Colour temperature	6000K
Screen	Ultrasound-welded Polycarbonate
Additional Info	Dedicated terminal for the inhibition function
	Dedicated terminal for rest mode
IP grade	IP42, IP65 (*)
IK grade	IK07
Operating temperature	From 0°C to 40°C
Compliant to standards	EN 55015, EN 60598-1, EN 60598-2-22, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-7, EN 61547, EN 62471
Dimensions (W X H X D)	322X140X50 mm
Guarantee	5 years
Packaging	8 pieces

(*) The IP65 grade is obtained with an accessories kit.

Available versions	Order codes	Power (2)	Duration	Battery $LiFePO_4$ 3,2V [Ah]	Maintained Non-Maintained	MED. FLUX [lm] N/M	MED. FLUX [lm] M	IP Grade	Recharge	INICOM Compatibility
standard	DXSA360142	36W	1h-1,5h-2h-3h	2 x 3,3	M - N/M	1300-1000-840-640	1000	IP42	12h	✓
	DXSA240142	24W	1h-1,5h-2h-3h	3,3	M - N/M	700-550-450-350	550	IP42	12h	✓
self-test	DXAA360142	36W	1h-1,5h-2h-3h	2 x 3,3	M - N/M	1300-1000-840-640	1000	IP42	12h	✓
	DXAA240142	24W	1h-1,5h-2h-3h	3,3	M - N/M	700-550-450-350	550	IP42	12h	✓
bus-supervised	DXBA360142	36W	1h-1,5h-2h-3h	2 x 3,3	M - N/M	1300-1000-840-640	1000	IP42	12h	-
	DXBA240142	24W	1h-1,5h-2h-3h	3,3	M - N/M	700-550-450-350	550	IP42	12h	-
central-battery	DXLA360042	36W	-	-	-	-	1300	IP42	-	-
	DXLA240042	24W	-	-	-	-	700	IP42	-	-

(2) Indicative power for the comparison with fluorescent tube devices.

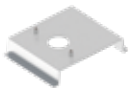
Accessories

OHDXIP65
IP65 Kit

OHDXPTK
Pictograms kit for DEXIA

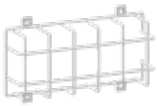
OH200BRI
Wall box for flush mounting

OHX00FCK
Plasterboard and
false ceiling fastening kit



OHX00BR45
Bracket for installation
with a 45° inclination

OHX00GRT
Metal protective grating for
complete protection of the
luminaire body



INICOM
Remote control for management
of rest mode

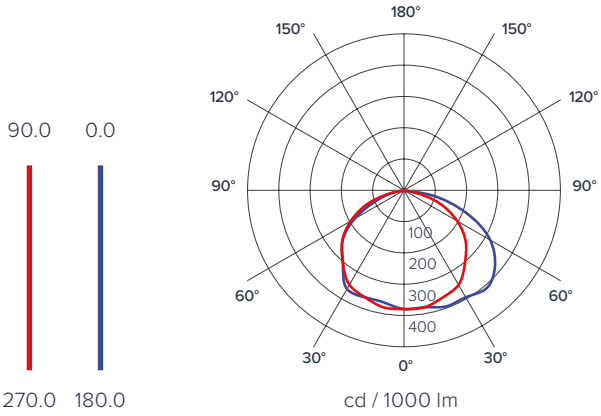
OHBBK
Kit for fixing to an electrified bar

HP100

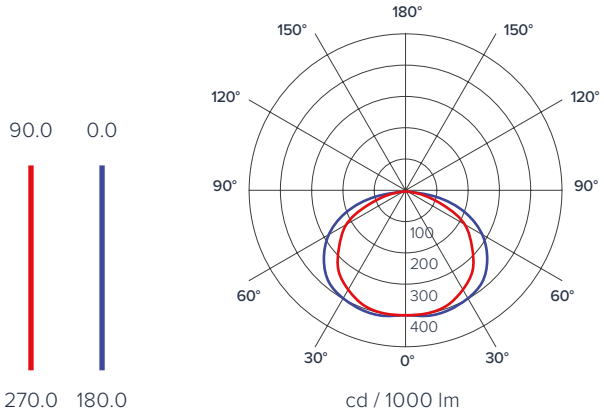
Emergency luminaires.

Neat, compact easy to install emergency luminaires. The use of new generation LED technology with exclusive patented optics guarantees high flux and reliability over time.

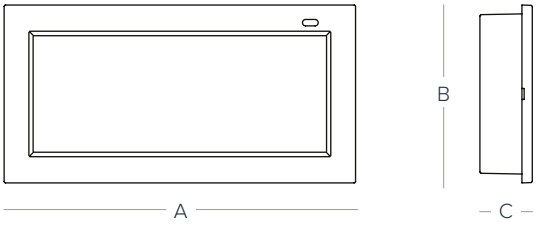
Photometric diagram
8W e 11W



Photometric diagram
18W e 24W



Dimensions



A = mm 255
B = mm 122
C = mm 38

Description	
Product range	HARPER 100
Product type	Emergency lamp
Versions	Standard, Self-Test, Bus-Supervised, Central-battery
Type	Maintained, Non-Maintained
Technical specifications	
Installation	Wall, ceiling, flush mounting/false ceiling
Power supply	220/230Vac, 50-60Hz
Battery	$LiFePO_4$ 3,2V
Insulation class	II
Colour	RAL9003 white
Light source	LED
Colour temperature	6000K
Additional info	Dedicated terminal for inhibition function
	Dedicated terminal for rest mode
	Test button
IP grade	IP40, IP65
IK grade	IK07
Operating temperature	From 0° to 50°C
Compliant to standards	EN 55015, EN 60598-1, EN 60598-2-22,, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-7, EN 61547, EN 62471
Dimensions (W X H X D)	255X122X38 mm
Guarantee	5 years
Packaging	14 pieces

Available versions	Order codes	Power [1] [2]	Duration	Battery $LiFePO_4$ 3,2V [Ah]	Maintained Non-Maintained	MED. FLUX [lm] N/M	MED. FLUX [lm] M	IP Grade	Recharge	INICOM Compatibility
standard	HP100SE080240	08W	2h	1,5	N/M	130	-	IP40	12h	-
	HP100SE180140	18W	1h	1,5	N/M	250	-	IP40	12h	-
	HP100SE080540	08W	5h	3,3	N/M	130	-	IP40	24h	-
	HP100SE180240	18W	2h	3,3	N/M	250	-	IP40	24h	-
	HP100SE080265	08W	2h	1,5	N/M	130	-	IP65	12h	-
	HP100SE180165	18W	1h	1,5	N/M	250	-	IP65	12h	-
	HP100SE080565	08W	5h	3,3	N/M	130	-	IP65	24h	-
	HP100SE180265	18W	2h	3,3	N/M	250	-	IP65	24h	-
self-test	HP100AE110140	11W-08W	1h-1,5h	1,5	N/M	130-95	-	IP40	6h	✓
	HP100AE240140	24W	1h	1,5	N/M	250	-	IP40	6h	✓
	HP100AE110340	11W-08W	3h-4h	3,3	N/M	130-95	-	IP40	12h	✓
	HP100AE240340	24W	3h	3,3	N/M	250	-	IP40	12h	✓
	HP100AA110140	11W-08W	1h-1,5h	1,5	M - N/M	130-95	60	IP40	6h	✓
	HP100AA240140	24W	1h	1,5	M - N/M	250	120	IP40	6h	✓
	HP100AA110340	11W-08W	3h-4h	3,3	M - N/M	130-95	60	IP40	12h	✓
	HP100AA240340	24W	3h	3,3	M - N/M	250	120	IP40	12h	✓
	HP100AE110165	11W-08W	1h-1,5h	1,5	N/M	130-95	-	IP65	6h	✓
	HP100AE240165	24W	1h	1,5	N/M	250	-	IP65	6h	✓
	HP100AE110365	11W-08W	3h-4h	3,3	N/M	130-95	-	IP65	12h	✓
	HP100AE240365	24W	3h	3,3	N/M	250	-	IP65	12h	✓
	HP100AA110165	11W-08W	1h-1,5h	1,5	M - N/M	130-95	60	IP65	6h	✓
	HP100AA240165	24W	1h	1,5	M - N/M	250	120	IP65	6h	✓
	HP100AA110365	11W-08W	3h-4h	3,3	M - N/M	130-95	60	IP65	12h	✓
	HP100AA240365	24W	3h	3,3	M - N/M	250	120	IP65	12h	✓
bus-supervised	HP100BE110140	11W-08W	1h-1,5h	1,5	N/M	130-95	-	IP40	6h	-
	HP100BE240140	24W	1h	1,5	N/M	250	-	IP40	6h	-
	HP100BE110340	11W-08W	3h-4h	3,3	N/M	130-95	-	IP40	12h	-
	HP100BE240340	24W	3h	3,3	N/M	250	-	IP40	12h	-
	HP100BA110140	11W-08W	1h-1,5h	1,5	M - N/M	130-95	60	IP40	6h	-
	HP100BA240140	24W	1h	1,5	M - N/M	250	120	IP40	6h	-
	HP100BA110340	11W-08W	3h-4h	3,3	M - N/M	130-95	60	IP40	12h	-
	HP100BA240340	24W	3h	3,3	M - N/M	250	120	IP40	12h	-
	HP100BE110165	11W-08W	1h-1,5h	1,5	N/M	130-95	-	IP65	6h	-
	HP100BE240165	24W	1h	1,5	N/M	250	-	IP65	6h	-
	HP100BE110365	11W-08W	3h-4h	3,3	N/M	130-95	-	IP65	12h	-
	HP100BE240365	24W	3h	3,3	N/M	250	-	IP65	12h	-
	HP100BA110165	11W-08W	1h-1,5h	1,5	M - N/M	130-95	60	IP65	6h	-
	HP100BA240165	24W	1h	1,5	M - N/M	250	120	IP65	6h	-
	HP100BA110365	11W-08W	3h-4h	3,3	M - N/M	130-95	60	IP65	12h	-
	HP100BA240365	24W	3h	3,3	M - N/M	250	120	IP65	12h	-
central-battery	HP100LA110040	11W	-	-	-	-	130	IP40	-	-
	HP100LA240040	24W	-	-	-	-	250	IP40	-	-
	HP100LA110065	11W	-	-	-	-	130	IP65	-	-
	HP100LA240065	24W	-	-	-	-	250	IP65	-	-

(1) It is possible to choose between two power values (where indicated) during the installation phase.
(2) Indicative power for comparison with fluorescent tube devices.

Accessories

OH100BRI
Wall box for flush mounting

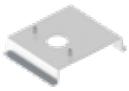
OH100PTDW
Pictogram for HP100
indicating down

OH100PTRG
Pictogram for HP100
indicating right

OH100PTLF
Pictogram for HP100
indicating left

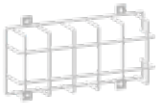
OHBBK
Kit for fixing to an electrified bar

OHX00FCK
Plasterboard and false
ceiling fastening kit



OHX00BR45
Bracket for installation
with a 45° inclination

OHX00GRT
Metal protective grating for complete
protection of the luminaire body



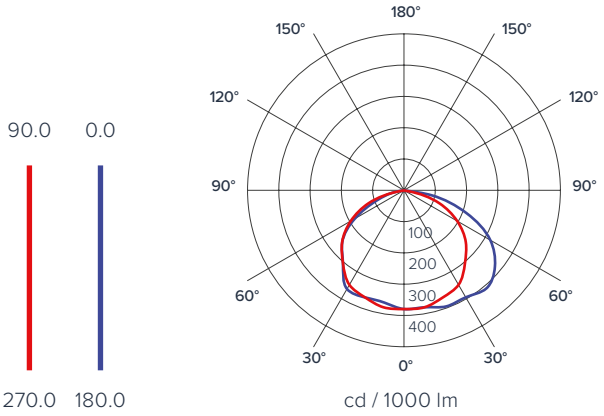
INICOM
Controller for the remote
management of rest mode

HP200

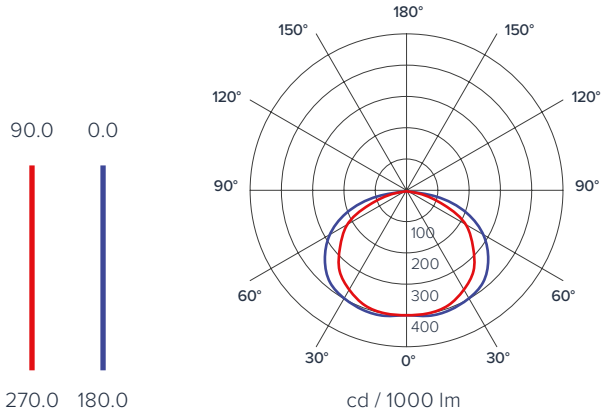
Emergency luminaires.

Neat, compact easy to install emergency luminaires. The use of new generation LED technology with exclusive patented optics guarantees high flux and reliability over time.

Photometric diagram
11W e 18W

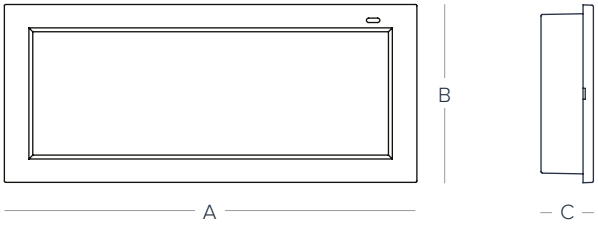


Photometric diagram
24W e 36W



Dimensions

A = mm 319
B = mm 137
C = mm 38



Description	
Product range	HARPER 200
Product type	Emergency lamp
Versions	Standard, Self-Test, Bus-Supervised, Central-battery
Type	Maintained, Non-Maintained
Technical specifications	
Installation	Wall, ceiling, flush mounting/false ceiling
Power supply	220/230Vac, 50-60Hz
Battery	$LiFePO_4$ 3,2V
Insulation class	II
Colour	RAL9003 white
Light source	LED
Colour temperature	6000K
Additional info	Dedicated terminal for inhibition function
	Dedicated terminal for rest mode
	Test button
IP grade	IP40, IP65
IK grade	IK07
Operating temperature	From 0° to 50°C
Compliant to standards	EN 55015, EN 60598-1, EN 60598-2-22, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-7, EN 61547, EN 62471
Dimensions (W X H X D)	319X137X38 mm
Guarantee	5 years
Packaging	10 pieces

Available versions	Order codes	Power [1] [2]	Duration	Battery $LiFePO_4$ 3,2V [Ah]	Maintained Non-Maintained	MED. FLUX [lm] N/M	MED. FLUX [lm] M	IP Grade	Recharge	INICOM compatibility
standard	HP200SE111542	11W	1,5h	1,5	N/M	180	-	IP42	12h	-
	HP200SE240142	24W	1h	1,5	N/M	360	-	IP42	12h	-
	HP200SE110442	11W	4h	3,3	N/M	180	-	IP42	24h	-
	HP200SE240242	24W	2h	3,3	N/M	360	-	IP42	24h	-
	HP200SE111565	11W	1,5h	1,5	N/M	180	-	IP65	12h	-
	HP200SE240165	24W	1h	1,5	N/M	360	-	IP65	12h	-
	HP200SE110465	11W	4h	3,3	N/M	180	-	IP65	24h	-
	HP200SE240265	24W	2h	3,3	N/M	360	-	IP65	24h	-
self-test	HP200AE180142	18W-11W	1h-1,5h	1,5	N/M	180-135	-	IP42	6h	✓
	HP200AE360142	36W-24W	1h-1,5h	3,3	N/M	360-270	-	IP42	12h	✓
	HP200AE180342	18W-11W	3h-4h	3,3	N/M	180-135	-	IP42	12h	✓
	HP200AE360342	36W-24W	3h-4h	2x3,3	N/M	360-270	-	IP42	24h	✓
	HP200AA180142	18W-11W	1h-1,5h	1,5	M - N/M	180-135	80	IP42	6h	✓
	HP200AA360142	36W-24W	1h-1,5h	3,3	M - N/M	360-270	170	IP42	12h	✓
	HP200AA180342	18W-11W	3h-4h	3,3	M - N/M	180-135	80	IP42	12h	✓
	HP200AA360342	36W-24W	3h-4h	2x3,3	M - N/M	360-270	170	IP42	24h	✓
	HP200AE180165	18W-11W	1h-1,5h	1,5	N/M	180-135	-	IP65	6h	✓
	HP200AE360165	36W-24W	1h-1,5h	3,3	N/M	360-270	-	IP65	12h	✓
	HP200AE180365	18W-11W	3h-4h	3,3	N/M	180-135	-	IP65	12h	✓
	HP200AE360365	36W-24W	3h-4h	2x3,3	N/M	360-270	-	IP65	24h	✓
	HP200AA180165	18W-11W	1h-1,5h	1,5	M - N/M	180-135	80	IP65	6h	✓
	HP200AA360165	36W-24W	1h-1,5h	3,3	M - N/M	360-270	170	IP65	12h	✓
	HP200AA180365	18W-11W	3h-4h	3,3	M - N/M	180-135	80	IP65	12h	✓
	HP200AA360365	36W-24W	3h-4h	2x3,3	M - N/M	360-270	170	IP65	24h	✓
bus-supervised	HP200BE180142	18W-11W	1h-1,5h	1,5	N/M	180-135	-	IP42	6h	-
	HP200BE360142	36W-24W	1h-1,5h	3,3	N/M	360-270	-	IP42	12h	-
	HP200BE180342	18W-11W	3h-4h	3,3	N/M	180-135	-	IP42	12h	-
	HP200BE360342	36W-24W	3h-4h	2 x 3,3	N/M	360-270	-	IP42	24h	-
	HP200BA180142	18W-11W	1h-1,5h	1,5	M - N/M	180-135	80	IP42	6h	-
	HP200BA360142	36W-24W	1h-1,5h	3,3	M - N/M	360-270	170	IP42	12h	-
	HP200BA180342	18W-11W	3h-4h	3,3	M - N/M	180-135	80	IP42	12h	-
	HP200BA360342	36W-24W	3h-4h	2x3,3	M - N/M	360-270	170	IP42	24h	-
	HP200BE180165	18W-11W	1h-1,5h	1,5	N/M	180-135	-	IP65	6h	-
	HP200BE360165	36W-24W	1h-1,5h	3,3	N/M	360-270	-	IP65	12h	-
	HP200BE180365	18W-11W	3h-4h	3,3	N/M	180-135	-	IP65	12h	-
	HP200BE360365	36W-24W	3h-4h	2x3,3	N/M	360-270	-	IP65	24h	-
	HP200BA180165	18W-11W	1h-1,5h	1,5	M - N/M	180-135	80	IP65	6h	-
	HP200BA360165	36W-24W	1h-1,5h	3,3	M - N/M	360-270	170	IP65	12h	-
	HP200BA180365	18W-11W	3h-4h	3,3	M - N/M	180-135	80	IP65	12h	-
	HP200BA360365	36W-24W	3h-4h	2x3,3	M - N/M	360-270	170	IP65	24h	-
central-battery	HP200LA180042	18W	-	-	-	-	180	IP42	-	-
	HP200LA360042	36W	-	-	-	-	360	IP42	-	-
	HP200LA180065	18W	-	-	-	-	180	IP65	-	-
	HP200LA360065	36W	-	-	-	-	360	IP65	-	-

(1) It is possible to choose between two power values (where indicated) during the installation phase.
(2) Indicative power for comparison with fluorescent tube devices.

Accessories

OH200BRI
Wall box for flush mounting

OH200PTDW
Pictogram for HP200
indicating down

OH200PTRG
Pictogram for HP200
indicating right

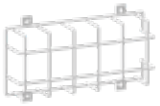
OH200PTLF
Pictogram for HP200
indicating left

OHBBK
Kit for fixing to an electrified bar

OHX00FCK
Plasterboard and false
ceiling fastening kit

OHX00BR45
Bracket for installation
with a 45° inclination

OHX00GRT
Metal protective grating for complete
protection of the luminaire body

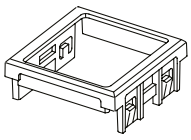


INICOM
Controller for the remote
management of rest mode

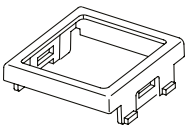
HP50

Mini emergency lamp with portable torch.

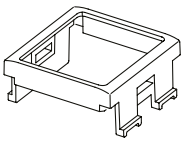
Flush mounting mini emergency lamp with portable torch. Available in 2-module version compatible with the most widely used wall plates in civil-building, compliant with CEI64-8 standards for residential installations. It has a stylish flush-mount profile and can be detached and reattached in a click.



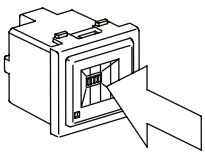
BTicino axolute, axolute air

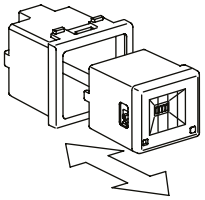


BTicino magic, matix

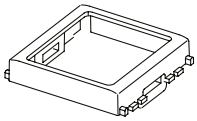


BTicino living light, living light air, living international, light

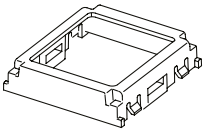




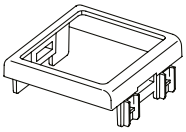
detached and reattached in a click



Vimar plana, eikon, eikon evo, arke'



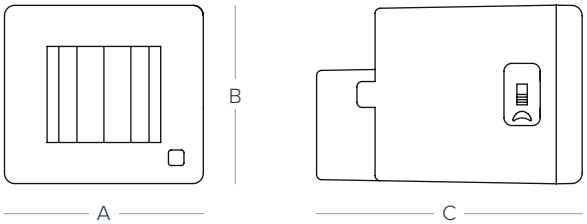
Vimar idea



Gewiss chorus lux, chorus one

Dimensions

A = mm 38,5
B = mm 34,5
C = mm 51,5



Description	
Product range	HARPER 50
Product type	Emergency lamp/Portable torch
Versions	Standard
Type	Maintained, Non-Maintained
Technical specifications	
Installation	Any standard flush mounting box like 503, 506, etc
Power supply	220/230Vac, 50-60Hz
Battery	Li-Ion 3,7 V
Insulation class	II
Colour	RAL9003 white
Light source	LED
Colour temperature	6000K
Additional info	Twilight sensor for courtesy light function
	On/off switch for portable torch
	On/off switch for twilight sensor
	Included frames for wall plates compatibility
	Anti-detachment screw
IP grade	IP40
IK grade	IK07
Operating temperature	From 0° to 50°C
Compliant to standards	EN 60598-1, EN 60598-2-22
Dimensions (W X H X D)	38,5X134,5X51,1 mm
Packaging	10 pieces

Available versions	Order codes	N°Led	Duration	Battery Li-Ion 3,7V [Ah]	Maintained Non-Maintained	MED. FLUX [lm] N/M	MED. FLUX [lm] M	IP Grade	Recharge	Frame Colour
standard	HP50SA000340	4	3-6h	0,65	N/M - M	42	5	IP40	12-24h	White
	HP50SA000340-N	4	3-6h	0,65	N/M - M	42	5	IP40	12-24h	Black

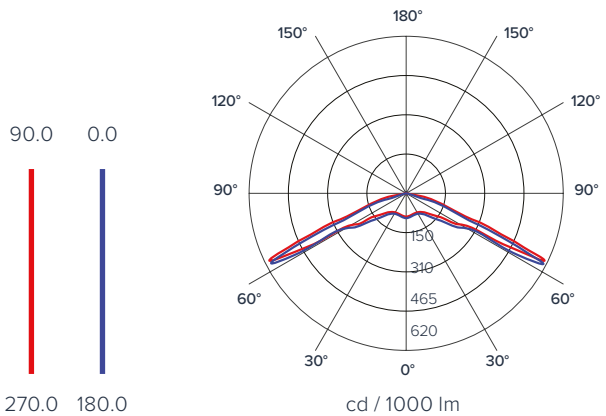
SPOTLED

Emergency spotlight.

Recess mounting emergency spotlight with ultra-slimline design and high performance illumination.
Equipped as standard with a symmetrical and asymmetrical lens.

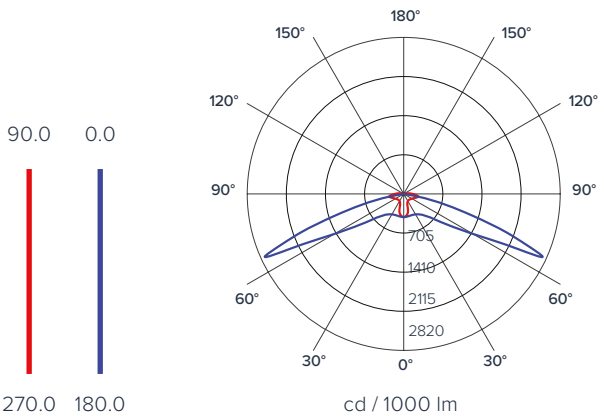
SPOTLED
Symmetrical Lens

Photometric diagram
Symmetrical Lens



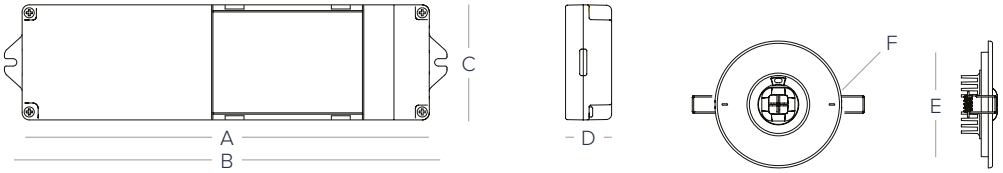
SPOTLED
Asymmetrical lens

Photometric diagram
Asymmetrical lens



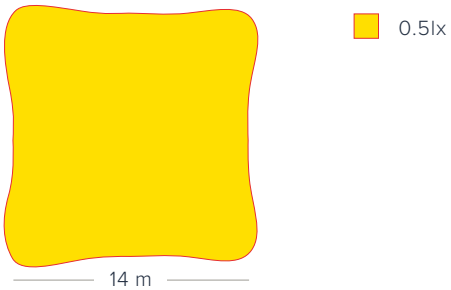
Dimensions

A = mm 230
B = mm 240,2
C = mm 65
D = mm 26
F = mm ø 90
E = mm ø 74

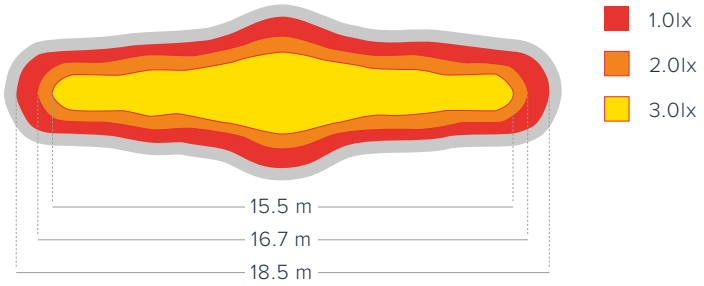


Illumination performance with 3m installation height

Symmetrical Lens



Asymmetrical lens



Descripition	
Product range	SPOTLED
Product type	Emergency lamp
Versions	Standard, Self-Test, Bus-Supervised, Central-battery
Type	Maintained, Non-Maintained
Technical specifications	
Installation	False ceiling
Power supply	220/230Vac, 50/60 Hz
Battery	$LiFePO_4$ 3,2V
Insulation class	II
Colour	RAL9003 White
Light source	LED
Colour temperature	5700K
Additional info	Dedicated terminal for inhibition function
	Dedicated terminal for rest mode
IP grade	IP40
IK grade	IK07
Operating temperature	from0° to 40°C
Compliant to standards	EN 55015, EN 60598-1, EN 60598-2-2, EN 60598-2-22, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-7, EN 61547, EN 62471
Diameter	90 mm
Guarantee	5 years

Available versions	Order codes	Duration	Battery $LiFePO_4$ 3,2V [Ah]	Maintained Non-Maintained	MED. FLUX [lm] N/M	MED. FLUX [lm] M	Recharge	INICOM Compatibility
standard	SPSA240140	1h	1,5	N/M	300	220	6h	√
	SPSA240340	3h	2 x 1,5	N/M	300	220	12h	√
self-test	SPAA240140	1h	1,5	N/M	300	220	6h	√
	SPAA240340	3h	2 x 1,5	N/M	300	220	12h	√
bus-supervised	SPBA240140	1h	1,5	N/M	300	220	6h	-
	SPBA240340	3h	2 x 1,5	N/M	300	220	12h	-
central-battery	SPLA240040	-	-	-	-	300	-	-

Accessories

INICOM
Controller for the remote management of rest mode

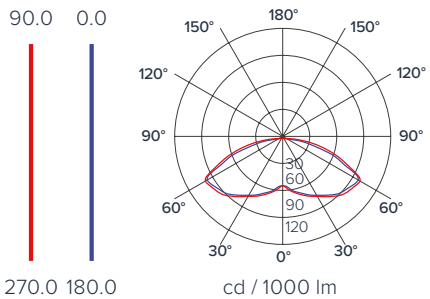
GEMMA

Ultra thin mini flush-mount emergency spotlight

Ultra thin mini flush-mount emergency spotlight, ideal for residential installations. It is available with three different optics designed for the illumination of antipanic areas, escape routes and wall installation.

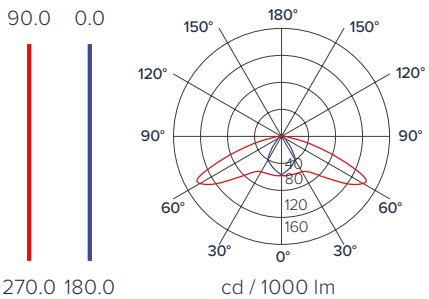
GEMMA-A
Antipanic area lens

Photometric diagram
GEMMA-A



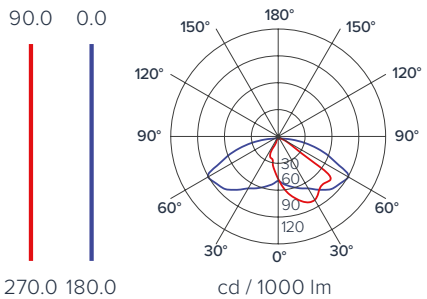
GEMMA-C
Escape route lens

Photometric diagram
GEMMA-C



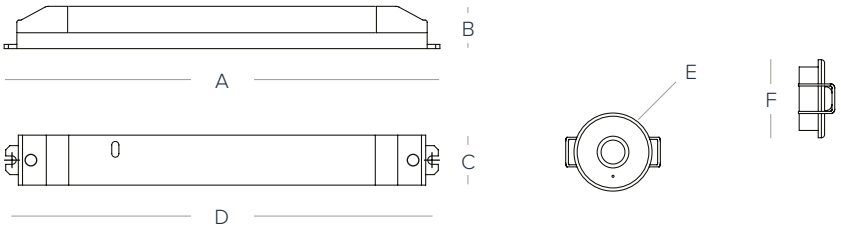
GEMMA-M
Wall installation lens

Photometric diagram
GEMMA-M



Dimensions

A = mm 205
B = mm 20
C = mm 24
D = mm 200
E = ø mm 37
F = mm 30



Description	
Product range	GEMMA
Product type	Emergency lamp
Versions	Standard
Type	Non-Maintained (SE)
Technical specifications	
Installation	False ceiling
Power supply	220/230Vac, 50-60Hz
Battery	$LiFePO_4$ 3,2V
Insulation class	II
Colour	White
Light source	LED
Colour temperature	4000K
IP grade	IP20
IK grade	IK07
Operating temperature	from 0° to 50°C
Compliant to standards	EN 60598-1, EN 60598-2-2, EN 60598-2-22, EN 55015, EN 61547
Diameter	37 mm
Packaging	20 pieces

Available versions	Order codes	Product name	Lens type	Max consumption [W]	Durata	Battery $LiFePO_4$ 3,2V [Ah]	Maintained Non-Maintained	MED. FLUX [lm] N/M	IP Grade	Recharge
standard	GMSE0A0320-B	GEMMA - A	Antipanic area	1,5	3h	1,5	N/M	150	IP20	12h
	GMSE0C0320-B	GEMMA - C	Escape route	1,5	3h	1,5	N/M	150	IP20	12h
	GMSE0M0320-B	GEMMA - M	Wall installation	1,5	3h	1,5	N/M	150	IP20	12h

HP320

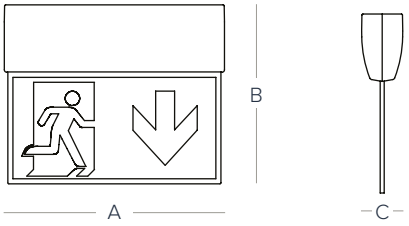
Signalling luminaires for escape routes.

Signalling luminaires for escape routes, compact and flexible, single bracket suits all mounting applications. Visibility distance 20 meters with international standard compliant safety signs (ISO7010).

Description	
Product range	HARPER 320
Product type	Signalling luminaires
Versions	Self-Test, Bus-Supervised, Central-Battery
Type	Maintained
Tecnhical specificatoins	
Installation	Surface, flag, ceiling, false ceiling, suspended mounting
Power supply	220/230Vac, 50-60Hz
Battery	$LiFePO_4$ 3,2V
Visibility distance	20 m
Insulation class	II
Color	RAL9003 White
Light source	LED
Color temperature	6000K
Additional info	Dedicated terminal for inhibition function
	Dedicated terminal for rest mode
	Test button and brightness dimmer
IP Grade	IP40
IK Grade	IK07
Operating temperature	from 0° to 50°C
Compliance with	EN 60598-1, EN 60598-2-22, EN 62471, EN 1838, ISO 3864-4, ISO 7010
Dimensions (W x H x D)	217x176,5x41 mm
Guarantee	5 years
Packaging	5 pieces

Dimensions

A = mm 217
B = mm 176,5
C = mm 41



Available versions		Order codes	Duration	Battery LiFePO$_4$ 3,2V [Ah]	Maintained Non-Maintained	IP Grade	Recharge	INICOM Compatibility
self-test		HP320AA000340	3h	1,5	M	IP40	6h	✓
bus-supervised		HP320BA000340	3h	1,5	M	IP40	6h	-
central-battery		HP320LA000040	-	-	-	IP40	-	-

Accessories

OH320FCK
Kit for recessed installation on a false ceiling leaving only the signalling panel visible

OH3X0SPK
Kit for suspension installation

OH3X0GRT
Metal protective grating for complete protection of the luminaire body

OH320PNDW
Pmma panel with pictograms indicating down

OH320PNRL
Pmma panel with pictograms indicating right/left

INICOM
Controller for the remote management of rest mode

HP330

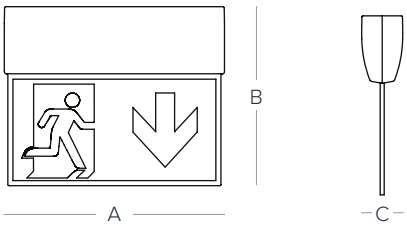
Signalling luminaires for escape routes.

Signalling luminaires for escape routes, compact and flexible, single bracket suits all mounting applications. Visibility distance 30 meters with international standard compliant safety signs (ISO7010).

Description	
Product range	HARPER 330
Product type	Signalling luminaires
Versions	Self-Test, Bus-Supervised, Central-Battery
Type	Maintained
Technical specifications	
Installation	Surface, flag, ceiling, false ceiling, suspended mounting
Power supply	220/230Vac, 50-60Hz
Battery	$LiFePO_4$ 3,2V
Visibility distance	30 m
Insulation class	II
Colore	Bianco RAL9003
Sorgente luminosa	LED
Temperatura colore	6000K
Addiitonal info	Dedicated terminal for inhibition function
	Dedicated terminal for rest mode
	Test button and brightness dimmer
IP Grade	IP40
IK Grade	IK07
Operating temperature	from 0° to 50°C
Compliance with	EN 60598-1, EN 60598-2-22, EN 62471, EN 1838, ISO 3864-4, ISO 7010
Dimensions (W x H x D)	322x231,5x41 mm
Guarantee	5 years
Packaging	5 pieces

Dimensions

A = mm 322
B = mm 231,5
C = mm 41



Available versions	Order codes	Duration	Battery $LiFePO_4$ 3,2V [Ah]	Maintained Non-Maintained	IP Grade	Recharge	INICOM Compatibility
self-test	HP330AA000140	1h	1,5	M	IP40	6h	✓
	HP330AA000340	3h	3,3	M	IP40	12h	✓
bus-supervised	HP330BA000140	1h	1,5	M	IP40	6h	-
	HP330BA000340	3h	3,3	M	IP40	12h	-
central-battery	HP330LA000040	-	-	-	IP40	-	-

Accessories

OH330FCK
Kit for recessed installation on a false ceiling leaving only the signalling panel visible

OH3X0SPK
Kit for suspension installation

OH3X0GRT
Metal protective grating for complete protection of the luminaire body

OH330PNDW
Pmma panel with pictograms indicating down

OH330PNRL
Pmma panel with pictograms indicating right/left

INICOM
Controller for the remote management of rest mode

The Harper Manager control panel

The centralized supervision of the emergency lighting system is a system of diagnostics and control managed by a computerized control panel which collects and stores all the data coming from the lamps. The HARPER MANAGER and HARPER MANAGER XL control panels allow you to carry out the following functions:
• test the functionality of devices;
• test and measure the battery life of devices;
• enable and disable the emergency function;
• switch On and Off the devices in Maintained mode;
• maintained brightness adjustment.

Only authorized persons can access the control panel functions by means of digital password entry or insertion of a valid key. The large 7” display touchscreen and intuitive graphic interface allow fast and easy programming of all the variables and advanced management of all data.

Utility

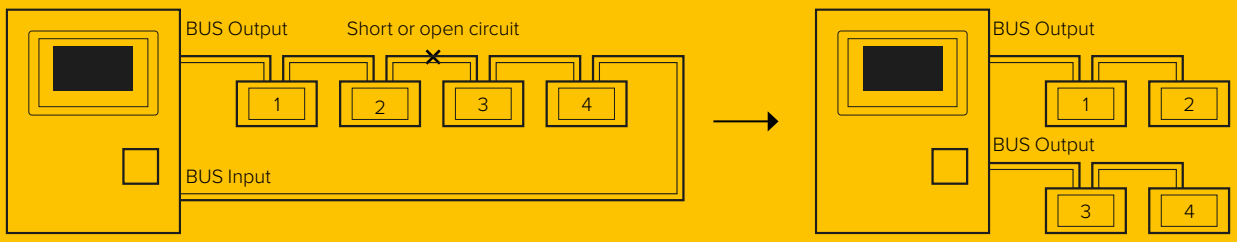
Emergency systems must always be kept in perfect working order as prescribed by the regulations on the safety of buildings. Regular maintenance of the emergency system is essential to ensure its correct functioning, however, this becomes complex and difficult when a large number of lamps are present. In such cases the centralized supervision system provides perfect and punctual maintenance of the installation.

Enrolling

The INIM luminaires, predisposed for BUS communication, have an exclusive serial number which makes their identification by the control panel fast and trouble-free. Additionally, a layout of the system will be created automatically, this layout will allow instant recognition of any devices in fault status.

A fault-proof system

The BUS that starts from the control panel can close on itself to create a LOOP, in this way a fault on the data transmission line which interrupts the LOOP will be resolved thanks to the following automatic interventions: The devices on either side of the fault open their electronic switches in order to isolate the fault and create two separate lines (the example shows devices 2 and 3).
The same devices communicate their intervention as soon as it is completed.
The control panel then converts the return point of the LOOP into an output and starts communications on two distinct lines.
The control panel signals and stores the line fault specifying the exact break point thanks to the installation layout. While having a form of centralized control, the installed devices remain autonomous, and any cable or control panel faults do not affect automatic functioning in emergencies.



Control panel modularity - flexibility and system expandability

The HARPER MANAGER and HARPER MANAGER XL control panels can already manage two LOOPS separately, each supporting a maximum of 240 devices each LOOP. Additionally, both accept expansions which can gradually increase the number of LOOPS to a maximum of 8 LOOPS on the HARPER MANAGER (1920 devices) and 14 LOOPS on HARPER MANAGER XL (3360 devices). Even the Web Server can act as an expansion on the control panel. This modularity allows you to configure a control panel in accordance with the installation and user needs, thus streamlining costs whilst leaving the possibility for any future expansion.

System test

In compliance with CEI EN 50172 and UNI 11222, HARPER MANAGER and HARPER MANAGER XL utilize user-customizable calendars to carry out the following two tests:
Functionality Test: this test checks the proper operating capacity of the emergency luminaires and consequently the activation of the light source. A negative result to this test indicates the device is not working. The identification of an emergency luminaire with a fault condition is facilitated by the switching on of a red LED located on the device. **Autonomy Test:** for this test it is necessary to simulate a mains blackout, the emergency luminaire will switch On, powered through the batteries, and remain On until the battery power runs out. At the end of the test you will obtain the real measure of autonomy which can be compared to the nominal autonomy. A negative result indicates that the battery must be replaced. The identification of an emergency light with a battery fault condition is facilitated by the switching on of a red LED located on the device.

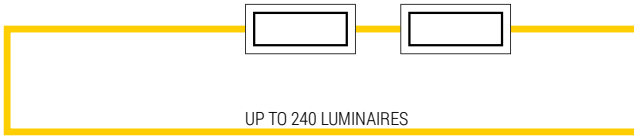
Events register

The control panel has a non-volatile memory which stores the chronology of all events. The register stores data regarding test results, emergency intervention, inhibition actions, programming events, BUS line faults (LOOP) and control panel faults. The events register can be viewed on the display and printed out on a optional built-in printer. You can access the events register and copy the contents to a PC for successive processing by simply connecting through a local or remote PC via the intranet/internet network.

Connections

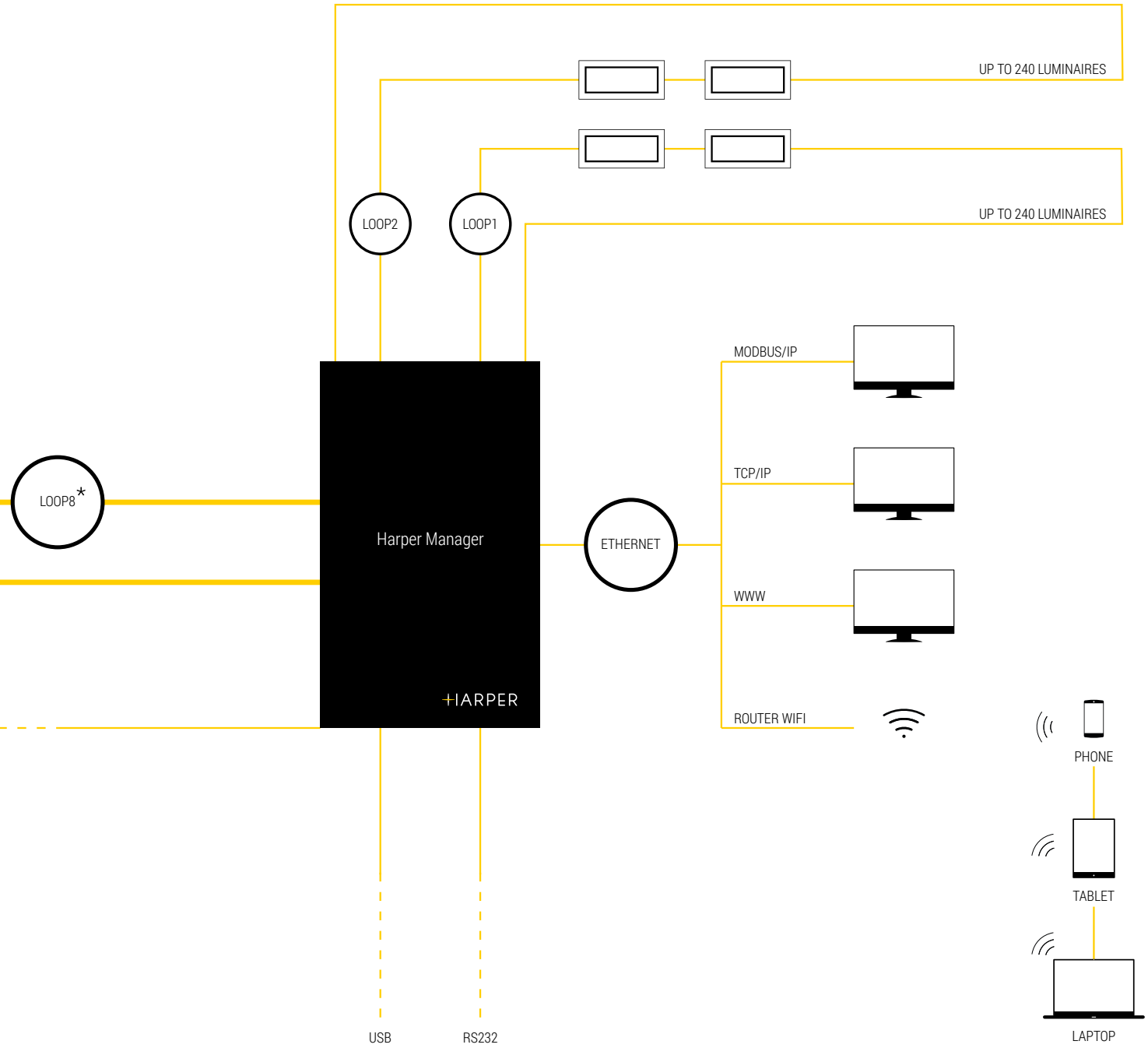
HARPER MANAGER and HARPER MANAGER XL control panels are capable of supporting an on-board Web Server. This will allow connection to a control panel via PC, Tablet or Smartphone via either a local network or the Internet without any need of specific software. The Web Server allows access to all the functions via any ordinary Internet browser. It is also possible to connect to the control panel directly by USB or the RS232 serial line located on the back of the display.

Harper Manager. System diagram.



MODBUS/RTU

* Harper Manager XL can manage up to loop 14.


UP TO 240 LUMINAIRES
UP TO 240 LUMINAIRES
LOOP2
LOOP1
LOOP8*
Harper Manager
+HARPER
ETHERNET
MODBUS/IP
TCP/IP
WWW
ROUTER WIFI
PHONE
TABLET
LAPTOP
USB
RS232

HARPER MANAGER

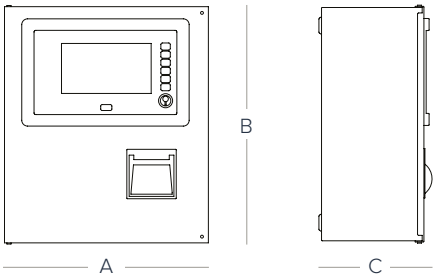
System supervisory control panel.

System supervisory control panel.
System with innovative functions for supervision and periodic maintenance, capable of managing emergency and signalling luminaires.

Description	
Product range	HARPER Manager
Product type	Supervisory control panel
Technical specifications	
Installation	Mounts to wall and 19” rack enclosures
Power supply	220/230Vac, 50-60Hz
Power consumption	20 VA
Battery	2 x Pb 12V 7Ah
Insulation class	I
Additional info	Manages up to 8 loops and up 240 devices each loop
	Manages up to 80 logical groups
	7” touchscreen display with intuitive graphic interface
	Topological view of system
	Ethernet protocol TCP/IP with web server
	IP and RTU (485) Modbus
	Brightness adjustment of devices
	On and Off control of maintained emergency luminaires
	Complete time scheduling programmability for tests
	Non-volatile memory for registered events and performed tests
Max loop length	2000 m (with two-core twisted and shielded cable)
IP grade	IP30
Complies with	UNI 11222, EN 50172
Dimensions (W x H x D)	351x406x181 mm

Dimensions

A = mm 351
B = mm 406
C = mm 181



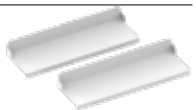
ORDER CODES HPMNG

DESCRIPTION Harper Manager with 2-LOOP module included
PRINTER Not included
DURATION IN EMERGENCY 3h
BATTERY 2 x Pb 12V 7Ah not included
MAXIMUM LAMP CAPACITY 1920
IP GRADE IP30

Accessories

OHMPRN
Printer module

OHMCABRK
Brackets for 19” rack fastening



OHMCABSP
Spacer brackets for cables
on wall fastening

OHMCM2L
2-LOOP module

OHMCMLAN
Web Server module

HARPER MANAGER XL

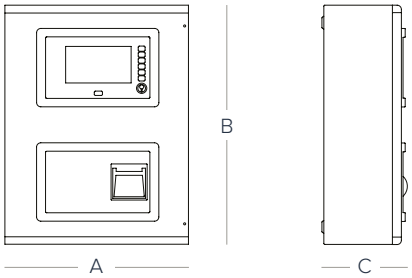
System supervisory control panel.

System supervisory control panel. System with innovative functions for supervision and periodic maintenance, capable of managing emergency and signalling luminaires.

Description	
Product range	HARPER Manager
Product type	Supervisory control panel
Technical specifications	
Installation	Mounts to wall and 19" rack enclosures
Power supply	220/230Vac, 50-60Hz
Power consumption	20 VA
Battery	2 x Pb 12V 17Ah
Insulation class	I
Additional info	Manages up to 14 loop and up 240 devices each loop
	Manages up to 80 logical groups
	7" touchscreen display with intuitive graphic interface
	Topological view of system
	Ethernet protocol TCP/IP with web server
	IP and RTU (485) Modbus
	Brightness adjustment of devices
	On and Off control of maintained emergency luminaires
	Complete time scheduling programmability for tests
	Non-volatile memory for registered events and performed tests
Max loop length	2000 m (with two-core twisted and shielded cable)
IP grade	IP30
Complies with	UNI 11222, EN 50172
Dimensions (W x H x D)	432x563x187 mm

Dimensions

A = mm 432
B = mm 563
C = mm 187



ORDER CODES HPMNGXL

DESCRIPTION Harper Manager XL with 2-LOOP module included
PRINTER Not included
DURATION IN EMERGENCY 3h
BATTERY 2 x Pb 12V 7Ah not included
MAXIMUM LAMP CAPACITY3360
IP GRADE IP30

Accessories

OHMXLPRN
Printer module

OHMXLCABRK
Brackets for 19” rack fastening

OHMXLCABSP
Spacer brackets for cables on wall fastening

OHMCM2L
2-LOOP module

OHMCMLAN
Web Server module

Accessories and spare parts

Remote controller INICOM

In emergency lighting systems with autonomous lighting devices, the inhibitory circuit is the ancillary circuit that performs the controlled shut off of lighting devices during emergency functioning.
In large, complex systems inhibition of emergency lighting devices is a particularly difficult problem to solve in accordance with regulations.
In fact, when considering devices in which shut off occurs when lines open or close, a solution is possible only when in the vicinity of the lighting device itself. This is to prevent accidental causes (e.g. drilling, masonry work, etc.) or disastrous events (e.g. earthquakes, fire, etc.) from interrupting or short-circuiting the inhibitory wiring and provoking absence of intervention during an emergency. Use of a remote control device is a solution to the problem in that:

1- it launches a pulse that is stored in the device, after which the line no longer has any influence over shut off/inhibition;

2- when the lighting network restores, the “ready for emergency” status will reset automatically in the device and the shut off/inhibition command will be forgotten, thus avoiding the risk of forgetfulness on behalf of the operator, which is quite possible when a manual switch is used for shut off/inhibition operations.

Description	
Product type	Controller for the remote management of rest mode
Technical specifications	
Installation	DIN rail (4 modules)
Power supply	220/230Vac, 50-60Hz
Battery	$LiFePO_4$ 3,2V
Outputs	2
Total number of controlled luminaires	150
Insulation class	II
IP Grade	IP30
Operating temperature	from 0° to 50°C
Complies with	EN 60598-2-22

Battery BTLF032601W175400

Lithium battery
$LiFePO_4$ 3,2V 0,6AH SIZE 14500.

Battery BTLF032152W186500

Lithium battery
$LiFePO_4$ 3,2V 1,5AH SIZE 18650.

Battery BTLF032332W266500

Lithium battery
$LiFePO_4$ 3,2V 3,3AH SIZE 26650.

Accessories for Diva

OHDVIP65
IP65 Kit

OHDVPTK
Pictograms kit for DIVA

OHX00GRT
Metal protective grating for complete protection of the luminaire body

INICOM
Controller for the remote management of rest mode

OHX00BR45
Bracket for installation with a 45° inclination

OHBBK
Kit for fixing to an electrified bar

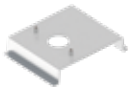
Accessories for Dexia

OHDXIP65
Kit per IP65

OHDXPTK
Pictograms kit for DEXIA

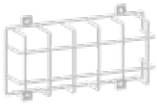
OH200BRI
Wall box for flush mounting

OHX00FCK
Plasterboard and false ceiling fastening kit



OHX00BR45
Bracket for installation with a 45° inclination

OHX00GRT
Metal protective grating for complete protection of the luminaire body



INICOM
Controller for the remote management of rest mode

OHBBK
Kit for fixing to an electrified bar

ACCESSORIES

HP100 and HP200 accessories

OH100BRI (for HP100)
OH200BRI (for HP200
Wall box for flush mounting

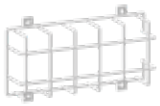
OH100PTDW (for HP100)
OH200PTDW (for HP200)
Pictogram indicating down

OH100PTRG (for HP100)
OH200PTRG (for HP200)
Pictogram indicating right

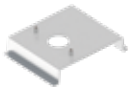
OH100PTLF (for HP100)
OH200PTLF (for HP200)
Pictogram indicating left

OHBBK
Kit for fixing to an electrified bar

OHX00GRT
Metal protective grating for complete protection of the luminaire body



OHX00FCK
Plasterboard and false ceiling fastening kit



OHX00BR45
Bracket for installation with a 45° inclination

INICOM
Controller for the remote management of rest mode

HP320 and HP330 accessories

OH320FCK (for HP320)
OH330FCK (for HP330)
Kit for recessed installation on a false ceiling leaving only the signalling panel visible

OH320PNRL (for HP320)
OH330PNRL (for HP330)
Pmma panel with pictograms indicating right/left

OH320PNDW (for HP320)
OH330PNDW (for HP330)
Pmma panel with pictograms indicating down

OH3X0SPK
Kit for suspension installation

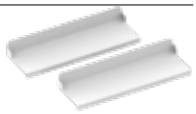
OH3X0GRT
Metal protective grating for complete protection of the luminaire body

INICOM
Controller for the remote management of rest mode

Harper Manager accessories

OHMPRN
Printer module

OHMCABRK
Brackets for 19” rack fastening



OHMCABSP
Spacer brackets for cables
on wall fastening

OHMCM2L
2-LOOP module

OHMCMLAN
Modulo Web Server

Accessories for Harper Manager XL

OHMXLPRN
Printer module

OHMXLCABRK
Brackets for 19” rack fastening

OHMXLCABSP
Spacer brackets for cables
on wall fastening

OHMCM2L
2-LOOP module

OHMCMLAN
Modulo Web Server

Via dei Lavoratori 10, Loc. Centobuchi
63076 Monteprandone (AP) ITALY
Tel. +39 0735 705007 _ Fax +39 0735 704912

info@inim.biz _ **www.inim.biz**

ISO 9001:2015 Registered Company

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