

LED EMERGENCY DRIVER PRODUCT SERIES DATASHEET



LED Emergency Driver



88Light LED emergency drivers are very light and handy, light weight and easy installation.
88Light LED emergency drivers are ideal for Home Lighting, Commercial Lighting and Public Lighting.
Independent external driver for easily service.

Applications:



Hotel



Hospital



Shopping mall



Exhibition hall



Office



Restaurant



Living room



Dinning room

PRODUCT FEATURES

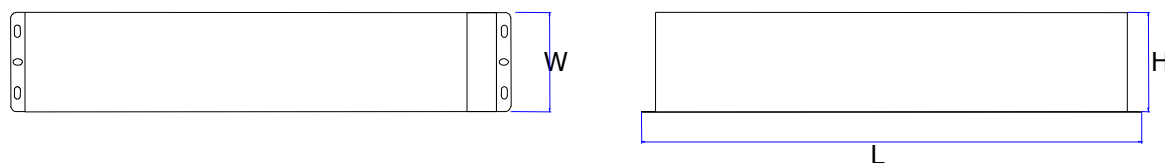
- Internal/External Li-battery and driver manage control chip.
- Metal housing for excellent heat dissipation.
- Light weight.
- High Voltage/ Low voltage output options suit for LED Panel/ Tube / High Bay / Floodlight and so on.
- High power factor: Isolated driver reaches power factors $PF \geq 90\%$, and $>80\%$ driver efficiency.
- Full power/ half power emergency mode options.
- Independent external driver and the driver can be maintained easily without replacing the entire product.
- Long Service Life.



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PRODUCT DIAGRAM



Product Name	L(mm)	W(mm)	H(mm)
88L-BP-2HR-12W-FH	240	38	48
88L-BP-2HR-22W-FH	240	38	48
88L-BP-2HR-42W-FH	240	76	48

Note 1: the dimension of the product is only for reference, for different power and last time, the battery size will be different.

TECHNICAL DATA

Electrical characteristics ^{2, 3}:

Product Name	Input Voltage [Vac]	Output	Power [W]	Power Factor	Emergency Efficiency	Work Mode	IP Grade
88L-BP-2HR-12W-FH	100~240	AC/DC 100-260V	12W	>0.9	>80%	Full Power	IP20
88L-BP-2HR-22W-FH	100~240	AC/DC 100-260V	22W	>0.9	>80%	Full Power	IP20
88L-BP-2HR-42W-FH	100~240	AC/DC 100-260V	42W	>0.9	>80%	Full Power	IP20

Note 2: Absolute ratings @ 25°C.

Note 3: the last time available upon request.

Electrical characteristics ^{2, 4, 5}:

Product Name	Battery	Last time	Charge Time	Work mode Change time	Check time	output current OEM	Extra Driver for lamps	Extra switch
88L-BP-2HR-12W-FH	12V 7800mAh	2H	>24H	<0.5s	3 Month	N	Y	Y
88L-BP-2HR-22W-FH	12V 8800mAh	2H	>24H	<0.5s	3 Month	N	Y	Y
88L-BP-2HR-42W-FH	12V 5200mAh	2H	>20H	<0.5s	3 Month	N	Y	Y

Note 2: Absolute ratings @ 25°C.

Note 4: Tolerance of measurement of parameters intensity±5%.

Note 5: Storage temperature -5°C ~ 50°C, working temperature -5°C ~ 40°C.

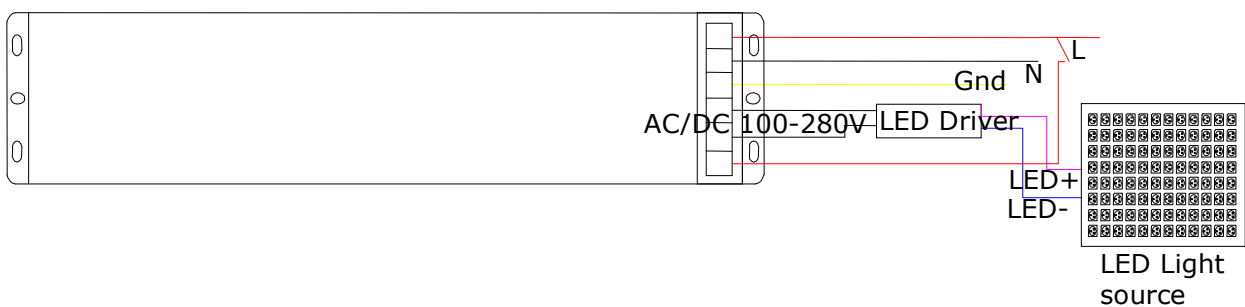
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PRODUCT INSTALLATION ⁶

Precaution: Switch off power before doing any works.

Installation wire connections for Full power emergency driver:



Note 6: For internal driver LED lamps such as Tube light, Floodlight Light and High Bay please use full power emergency driver. For external driver LED lamps such as Panel light, external Tube light please use half power emergency driver.

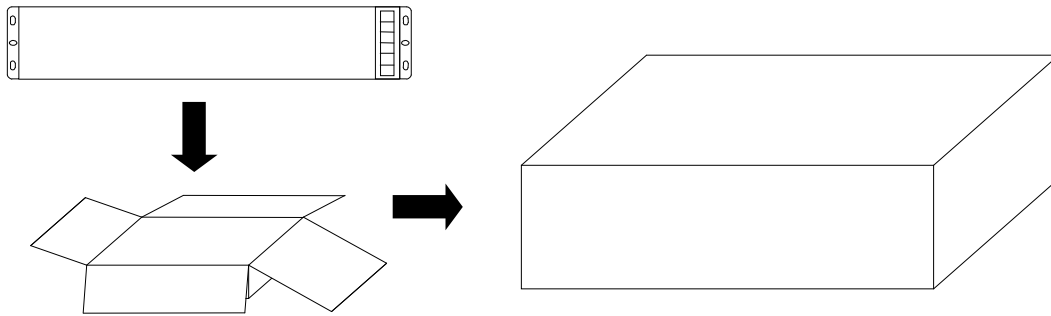
SAFETY

1. **Always** consult a qualified, licensed electrician prior to the installation of this product.
2. **Always** ensure that all components are joined properly before they are installed.
3. Switch off power of the mains supply or respectively of the connection lead before doing any works.
4. Please read the User's Manual Carefully before using.
5. Please reserve the User's Manual for future reference.
6. Please install the product according to the location of cable and room.
7. Please take care of **Fire, Electric Shock** and **Spill**.
8. Please do not turn on high voltage power before using, and ensure the lamp earthing.
9. Any non-professionals are not allowed to disassemble the lamp.
10. LED products are continuously being improved upon in ever-shortening manufacturing cycles. LED color temperature (kelvin), lumen output, and product appearance can change from order to order. Please note that variation in color temperature (kelvin) is commonly +/- 250k and brightness (lumens) is +/- 10%.
11. Indoor use only.

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PACKING ⁷:



Product Name	Outer Carton Size (L×W×H)[cm]	Qty/Carton [pcs]	Gross Weight [Kg]
88L-BP-2HR-12W-FH	24×8×25	10	13.5
88L-BP-2HR-22W-FH	24×8×25	10	13.5
88L-BP-2HR-42W-FH	24×16×25	10	13.5

Note 7: the package information is only for reference.

OTHER 88Light PRODUCTS:

For more information about 88Light products, or to use our online energy saving calculation software please visit our website

www.88Light.com

DISCLAIMER:

88Light reserves the right to modify the design of our products as part of the company's program of continuous improvement. 88Light cannot guarantee to match existing installed product for subsequent orders or replace the product exactly to match the product you are replacing in product appearance, color, or brightness. Specifications are subject to change without notice.