Emergency Lighting Products

PRODUCT DESCRIPTION

The Hatch **ELP12-UNV-K** LED Emergency Driver allows an LED lighting fixture to be used for normal and emergency operation. In the event of a power failure, the **ELP12-UNV-K** switches to emergency mode and operates the existing fixture for a minimum of 90 minutes. All of the LED Emergency Drivers in the Hatch line include a test switch with integrated charge indicator and are UL Listed for field or factory installation.

APPROVALS / CERTIFICATIONS

BENEFITS

- UL Listed for field and factory installation
- For use with emergency only fixtures as well as new and existing fixtures

FEATURES

- UL 924 LISTED for US and Canada
- Class 2 Compliant
- UL Listed for field and factory installation
- Separate NiCad battery
- Includes test switch and integrated charge indicator
- For use with switched or unswitched fixtures
- 5-Year Warranty
- Suitable for damp locations
- Includes installation guide and luminaire modification label
- For use with surface mounts or recessed type IC or non-IC products listed to UL standards

SPECIFICATIONS

Input Voltage	120-277VAC, 50/60Hz
Output Voltage	12-39 VDC Class 2
Output Current	930mA @ 12Vdc 300mA @ 36~41Vdc
Output Power	10.6W @25°C
Power Factor	>0.5 under 120~277Vac Input
Emergency Operation	90 Minutes
Recharge Time	24 hours
Operating Temp.	0 to 55°C
Max Case Temp.	75°C
Case Material	Metal
Battery	High Temp NiCad 9.6Vdc
Charging Current	150mA
EMI	FCC, 47CFR Part 15
Protections	Over Voltage, Over Current, Short Circuit, Open Circuit

Product specifications are subject to change without notice.

HATCH®

PHYSICAL DIMENSIONS – ELP12-UNV-K

in
mm

DRIVER

1.00 [25.4]
6.46 [164.0]
6.02 [153]
0.30 [7.5]
1.37 [34.7]
0.87 [22.0]
2.44 [62]
Hotspot 0.31 [8]
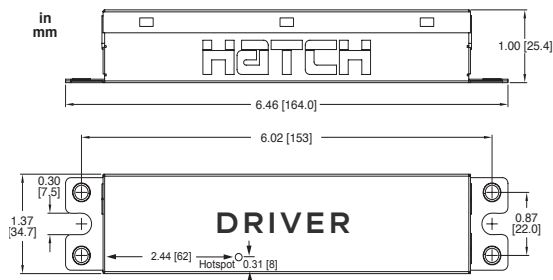
Length	6.46 [164]	Width	1.37 [34.7]
Height	1.00 [25]	Mounting	6.00 [152.4]

in
mm

BATTERY

1.12 [28.5]
9.45 [240.0]
8.11 [206.0]
0.28 [7.0]
2.24 [56.8]
1.77 [45.0]
8.90 [226.0]
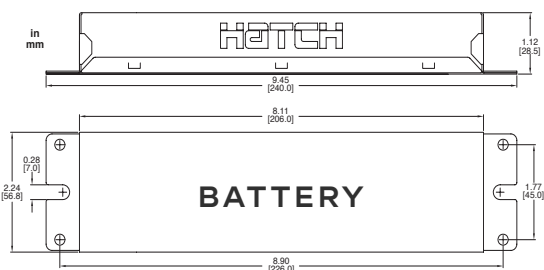
Length	9.45 [240]	Width	2.24 [56.8]
Height	1.12 [28.50]	Mounting	8.90 [226]

WIRING DIAGRAM

LED Driver
L (Black)
N (White)
Wall Switch
LED + (Red)
LED - (Black)

LED Emergency Driver
L (Black)
(Black/White)
N (White)
(Brown)
+ (Red AWG#18)
- (Blue AWG#18)

(Red AWG#22)
(Blue AWG#22)
(Grey AWG#22)
Test Switch/Charge Indicator

Battery Connector
Battery

Fixture LED Load

For additional wiring diagrams please visit
https://www.hatchlighting.com/elp-alternate-wiring-diagrams

WIRING INFORMATION

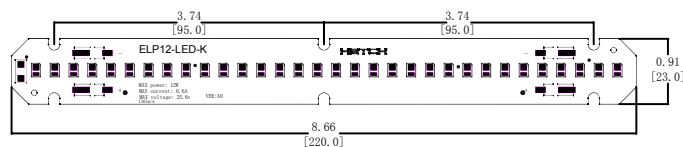| Input	12", Black(L), White (N), #18AWG
Output	24", Red(+), Blue (-) #18AWG 24" Brown, #20AWG
Battery Connection	24", Red, Black #18AWG
Test Switch Connections	24", Red, Blue, Grey #22 AWG

PACKAGING INFORMATION

Package Weight	1.87 lbs		
Quantity	15 pc/carton		
INCLUDES			
LED Emergency Driver	1	NiCad Battery	1
Wall Plate	1	Tek Screws	6
Luminaire Mod. Label	1	Test Button	1
Screw Wire Connectors	3	Installation Guide	1
Wall Plate Screws	2		

OPTIONAL LED MODULE

3.74 [95.0]
3.74 [95.0]
ELP12-LED-K
0.91 [23.0]
8.66 [220.0]

Part #	Max. Power	Max. Current	Typ. Voltage	Lumens/ Watt	CRI
ELP12-LED-K	12	600mA	24V	~130	>80

TEST SWITCH

Φ12
9
28
Φ14
8.8
2.8
2.8
.5
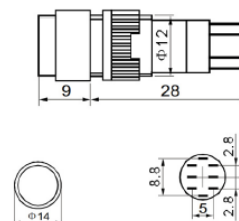
Tolerance:
| >6~30 | ±0.40 |
| >0~6 | ±0.25 |

Recommended hole size for installation: ⌀12mm

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hatch Lighting](#):
  [ELP12-UNV-K](#)