

EMERGENCY LED DRIVERS INSTALLATION MANUAL

UL Labeling Requirement

As required by UL standards, installation of this emergency driver mandates the application of the provided Luminaire Modification Label. This label includes the following statement :

“This equipment has more than one power supply connection point.”

The label must be affixed to the fixture housing during installation to indicate the presence of multiple power sources and to ensure compliance with safety and inspection requirements.

What's included

ITEM	QUANTITY
LED Emergency Driver	1
Battery Pack	1
Test Button	1
Installation Instruction	1

PLEASE READ CAREFULLY AND FOLLOW ALL INSTRUCTIONS FOR YOUR OWN SAFETY

WARNING:

Disconnect both normal and emergency power supplies before installation.

Please read the following instructions applicable to these models.

Make sure all connections are in accordance with the National Electrical Code or Canadian Electrical Code and any local regulations.

CAUTION: Installation is to be performed only by qualified personnel.

CAUTION: This product is for use in indoor fixtures only. Do NOT use near heated air handling outlets, wet locations or hazardous locations.

CAUTION: An unswitched Ac power source is required (100-277/347 VAC, 50/60 Hz)

CAUTION: Do not install near gas or electric heaters.

CAUTION: The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.

CAUTION: Do not use this product for other than intended use.

CAUTION: The equipment is intended for ordinary locations and for permanent installation into one or more listed emergency luminaires.

CAUTION: Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.

CAUTION: Use with grounded, UL Listed, damp location rated fixtures and case should be grounding.

CAUTION: Due to sharp edges, handle with care.

CAUTION: Do not attempt to service the battery. A sealed, no-maintenance battery is used that is not field replaceable.

Contact the manufacturer for information on service.

IMPORTANT: Please charge the battery consistently for >24 hours for the first time usage so as to activate the whole battery cells of discharging/charging duration.

IMPORTANT: The products are produced with built-in batteries, which could be stocked for one year at most without being used.

DISCLAIMER OF LIABILITY: STREAMER Solutions assumes no liability for damages or losses of any kind that may arise from the improper, careless, or negligent installation, handling or use of this product.

NOTICE: Fixture may become damaged and/or unstable if not installed properly.

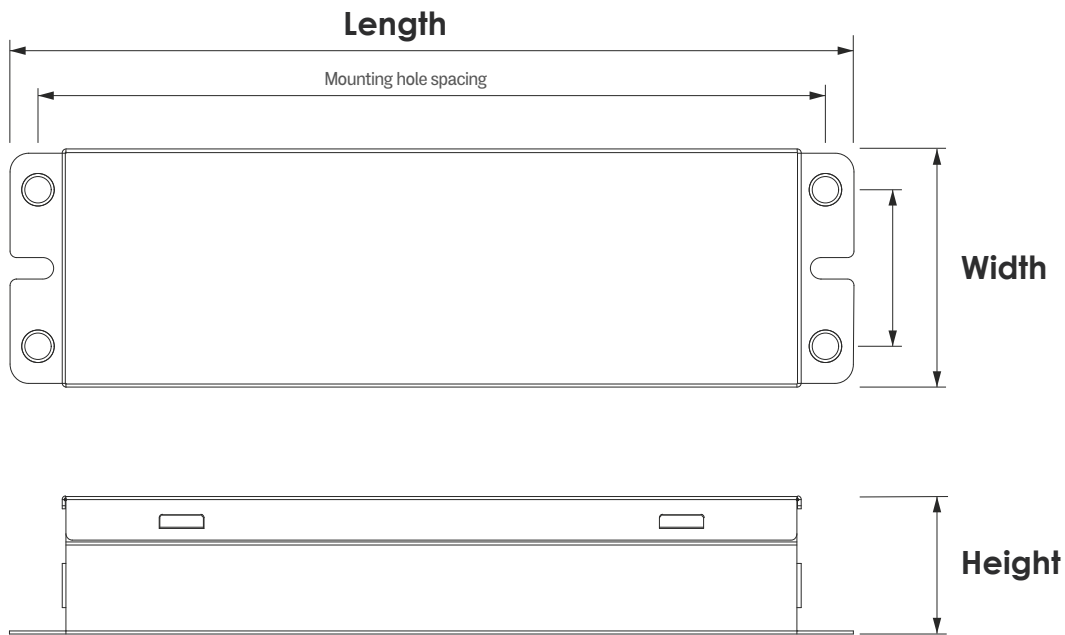
IMPORTANT: Emergency lighting is a crucial life safety system , Testing must be performed after installation.

EMERGENCY LED DRIVERS INSTALLATION MANUAL

Ordering Data

Model No.:	Rated Input	Rated Output	Battery Pack	Duration
YH36-04WL-54	100-347Vac,50/60Hz	DC24-54V 3.8W c.p	YHBAL2-1.6 LiFePO ₄ 6.4V 1.6Ah 10.24Wh	>90 minutes
YH36A-04WL-54	100-277Vac,50/60Hz	DC24-54V 3.8W c.p	YHBAL2-1.6 LiFePO ₄ 6.4V 1.6Ah 10.24Wh	>90 minutes
YH36-09WL-50	100-347Vac,50/60Hz	DC15-54V 7.9W c.p	YHBAL-2-3.2 LiFePO ₄ 6.4V 3.2Ah 20.48Wh	>90 minutes
YH36-09WL-300	100-347Vac,50/60Hz	DC90-300V 6W c.p	YHBAL-2-3.2 LiFePO ₄ 6.4V 3.2Ah 20.48Wh	>90 minutes
YH36A-09WL-50	100-277Vac,50/60Hz	DC15-54V 7.9W c.p	YHBAL-2-3.2 LiFePO ₄ 6.4V 3.2Ah 20.48Wh	>90 minutes
YH36A-09WL-300	100-277Vac,50/60Hz	DC90-300V 6W c.p	YHBAL-2-3.2 LiFePO ₄ 6.4V 3.2Ah 20.48Wh	>90 minutes
YH36-16WL-54	100-347Vac,50/60Hz	DC24-54V 13.4W c.p	YHBAL4-3.3 LiFePO ₄ 12.8V 3.3Ah 42.24Wh	>90 minutes
YH36-16WL-300	100-347Vac,50/60Hz	DC90-300V 13.4W c.p	YHBAL4-3.3 LiFePO ₄ 12.8V 3.3Ah 42.24Wh	>90 minutes
YH36A-16WL-54	100-277Vac,50/60Hz	DC24-54V 13.4W c.p	YHBAL4-3.3 LiFePO ₄ 12.8V 3.3Ah 42.24Wh	>90 minutes
YH36A-16WL-300	100-277Vac,50/60Hz	DC90-300V 13.4W c.p	YHBAL4-3.3 LiFePO ₄ 12.8V 3.3Ah 42.24Wh	>90 minutes
YH36-25WL-54	100-347Vac,50/60Hz	DC24-54V 22W c.p	YHBAL4-4.8 LiFePO ₄ 12.8V 4.8Ah 61.44Wh	>90 minutes
YH36-25WL-300	100-347Vac,50/60Hz	DC90-300V 22W c.p	YHBAL4-4.8 LiFePO ₄ 12.8V 4.8Ah 61.44Wh	>90 minutes
YH36A-25WL-54	100-277Vac,50/60Hz	DC24-54V 22W c.p	YHBAL4-4.8 LiFePO ₄ 12.8V 4.8Ah 61.44Wh	>90 minutes
YH36A-25WL-300	100-277Vac,50/60Hz	DC90-300V 22W c.p	YHBAL4-4.8 LiFePO ₄ 12.8V 4.8Ah 61.44Wh	>90 minutes
YH36-25WL3-54	100-347Vac,50/60Hz	DC24-54V 22W c.p	YHBAL3-6.6 LiFePO ₄ 9.6V 6.6Ah 63.36Wh	>90 minutes
YH36-25WL3-300	100-347Vac,50/60Hz	DC90-300V 22W c.p	YHBAL3-6.6 LiFePO ₄ 9.6V 6.6Ah 63.36Wh	>90 minutes
YH36A-25WL3-54	100-277Vac,50/60Hz	DC24-54V 22W c.p	YHBAL3-6.6 LiFePO ₄ 9.6V 6.6Ah 63.36Wh	>90 minutes
YH36A-25WL3-300	100-277Vac,50/60Hz	DC90-300V 22W c.p	YHBAL3-6.6 LiFePO ₄ 9.6V 6.6Ah 63.36Wh	>90 minutes

DIMENSIONS



Emergency Driver

Model No.:	Length	Width	Height	Mounting Spacing	Wire Length
YH36(A) series	5 ⁴ / ₅ "(149mm)	1 ³ / ₅ "(43.5mm)	1"(25.5mm)	5 ² / ₅ "(137mm)/1 ² / ₅ "(35mm)	11 ⁴ / ₅ "(300mm)

Battery Pack

Model No.:	Length	Width	Height	Mounting Spacing
YHBAL2-1.6 LiFePO ₄ 6.4V 1.6Ah 10.24Wh	3 ³ / ₅ "(95mm)	1 ⁴ / ₇ "(40mm)	1"(25.5mm)	3 ¹ / ₃ "(83mm)/0.83"(21mm)
YHBAL-2-3.2 LiFePO ₄ 6.4V 3.2Ah 20.48Wh	6 ¹ / ₂ "(165mm)	1 ³ / ₅ "(43.5mm)	1"(25.4mm)	6"(153mm)/1"(25mm)
YHBAL4-3.3 LiFePO ₄ 12.8V 3.3Ah 42.24Wh	6 ³ / ₅ "(170mm)	2 ¹ / ₃ "(59mm)	1 ¹ / ₅ "(30mm)	6 ¹ / ₅ "(158mm)/1 ² / ₅ "(36mm)
YHBAL4-4.8 LiFePO ₄ 12.8V 4.8Ah 61.44Wh	6 ³ / ₅ "(170mm)	2 ³ / ₅ "(62mm)	1 ⁴ / ₇ "(40mm)	6 ¹ / ₅ "(158mm)/1 ² / ₅ "(36mm)
YHBAL3-6.6 LiFePO ₄ 9.6V 6.6Ah 63.36Wh	9 ¹ / ₂ "(240mm)	2 ¹ / ₃ "(59mm)	1 ¹ / ₅ "(30mm)	9"(228mm)/1 ² / ₅ "(35mm)

Wiring Diagram

Wiring Diagram 1

