

**SPECIFICATION SHEET: FHSAC1-UNV-40L**

This Is An Original Product From Fulham Co., Inc

**Description:**Emergency LED Driver - Output max 40W - Universal Voltage - 250-1400mA - Programmable - 0-10V Dimming - Constant Current - 11-59.6V Forward Voltage - Long Case with Wire

**This Driver Will Operate The Following LED Modules:**

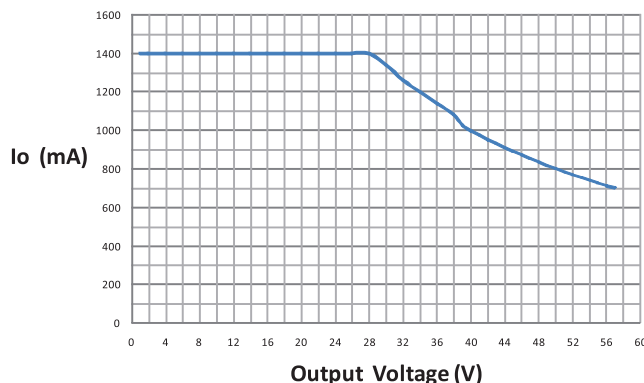
Any LED module designed to accept constant input current of 250-1400mA and has a forward input voltage range of 11-59.6VDC.

**ELECTRICAL DATA**

Input Voltage	120-277VAC, 50/60Hz
Input Current	0.45A @ 120VAC, 0.21A @ 277VAC
Input Power	54W
Power Factor	>0.9
THD	<20%
Driver Type	Constant Current
Output Current	250-700mA [R-SET, Figure 3], 250-1400mA [TPSB-100 (Program Box), Figure 1]; Record New Setting On 1x0.5 Label
Output Voltage Range	11-28VDC (250-1400mA), 11-40VDC (250-1000mA), 11-55VDC (250-730mA)
Output Power	40W Max. (Figure 1) 5W or 10W @ Emergency Mode (Min. 180 Minutes @ 5W, Min. 90 Minutes @ 10W)
Battery Type/ Model Number	LiFePO4 6.4VDC/ FHSBATL2-3.2
Battery Capacity Available	3200mAh
Recharge Time	12 Hours
Number of Output Channels	1
Dimming Controller Type / Dimming Range	0-10V / 100%-1% (Figure 2)
RFI/EMI	FCC Part 15A Non-Consumer
Output Type	Class P, Isolated, LED Class 2
Ambient Operating Temperature Range	0°C to 50°C
Max. Case Temperature	87°C
Sound Rating	A
Input Surge Protection	Line-Neutral 3kV, Line & Neutral-Ground 6kV
Protections	Input Current Protection
	Input Over/Under Voltage Protection
	Output Open Circuit Protection
	Overload Protection
Service Life	Over Temperature Protection
	50,000 Hours
Approvals / Class	UL Listed, Class P, cURus Isolated, LED Class2, Dry or Damp Locations, RoHS

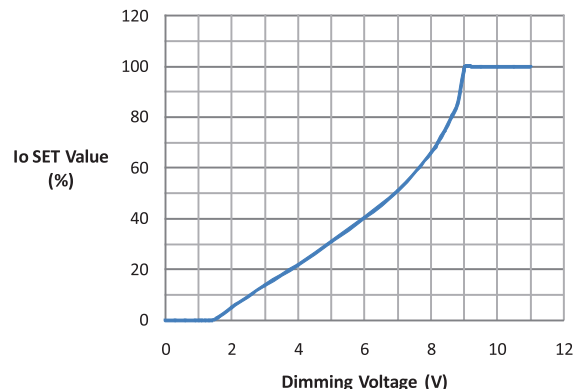
**Figure 1**

**Vo vs Io (max) CURVE**



**Figure 2**

**0-10V DIMMING CURVE**



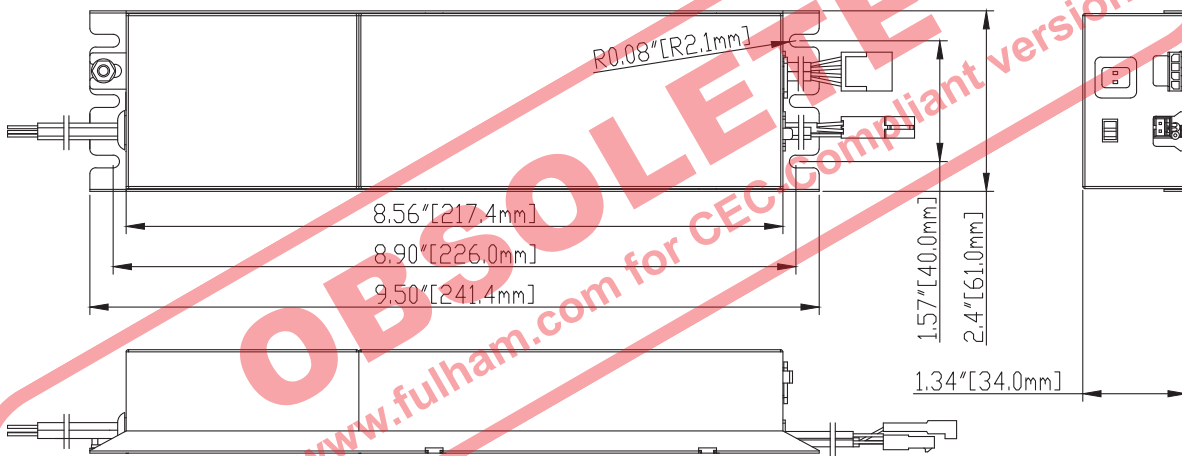
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**Figure 3**

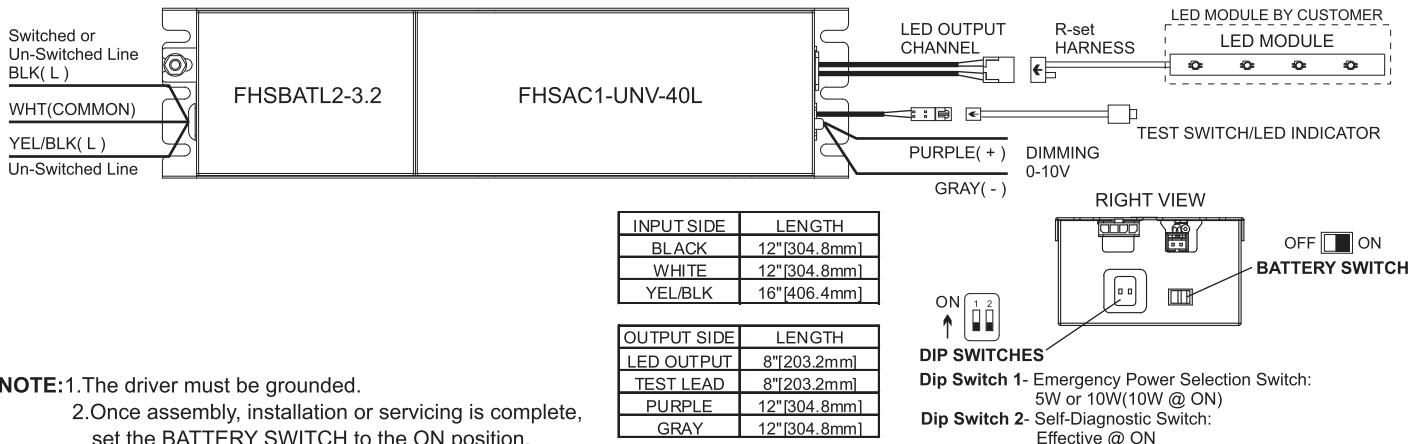
R-set Harness Part Number	Output Current	Note
FHS-HARNESS-250	250mA	Accessory Harness
FHS-HARNESS-300	300mA	
FHS-HARNESS-350	350mA	
FHS-HARNESS-380	380mA	
FHS-HARNESS-400	400mA	
FHS-HARNESS-450	450mA	
FHS-HARNESS-500	500mA	
FHS-HARNESS-550	550mA	
FHS-HARNESS-600	600mA	
FHS-HARNESS-650	650mA	
FHS-HARNESS-700	700mA	

**MECHANICAL DATA**



Where : L = Length, W = Width, H = Height, Tolerance=±0.02"

**WIRING DIAGRAMS**



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**TPSB-100:**

For detail information on using TPSB-100 Driver Programming Box, please consult users manual of TPSB-100.



**OBSOLETE**  
Refer to [www.fulham.com](http://www.fulham.com) for CEC-Compliant version