



CONDITION OF ACCEPTABILITY

Models: FHS2-UNV-36L-XXX and FHS2-UNV-56S-XXX

UL Condition of Acceptability - UL file # E313578, when installed in the end use equipment, the following are among the considerations to be made.

1. These products have been evaluated for use with an LED load as specified in the ratings table. Use with any other load shall be evaluated in the end product.

ELECTRICAL RATINGS:

Model Number	Input				Output			Rated Recharge Time (hours)	Dry and Damp Location Rating (°C)	Emergency Run Time (minutes)
	Vac	Hz	mA Max	W Max	Vdc Max	A Max	W Max			
FHS2-UNV-56S-XXX	100-277	50/60	100	6	12-56	0.7	1.2-20	24, 32	See Below for Temperature Rating	90
FHS2-UNV-36L-XXX	100-277	50/60	100	6	12-55	0.7	1.2-20	24, 32		90

For USR

Fulham Model No.	Chemistry	Pack Capacity	Max Load for 90 min.	Battery Voltage	Recharge Time	Damp Location Rating (°C)
FHSBATT8-AA.9XXX	NiCd	900mAh	4W	9.6V	24Hrs	0 to 50
FHSBATT8-C3XXX	NiCd	3000mAh	16W	9.6V	24Hrs	0 to 50
FHSBATT8-D4XXX	NiCd	4000mAh	20W	9.6V	24Hrs	0 to 50
FHSBATL3-1XXX	LiFePO4	1000mAh	4W	9.6V	24Hrs	10-50
FHSBATL3-1.5XXX	LiFePO4	1500mAh	8W	9.6V	24Hrs	10-50
FHSBATL3-3XXX	LiFePO4	3000mAh	16W	9.6V	24Hrs	10-50
FHSBATL6-1.5XXX	LiFePO4	3000mAh	16W	9.6V	24Hrs	10-50
*#FHSBATL6-3XXX	LiFePO4	6000mAh	20W	9.6V	32Hrs	10-50
FHSBATL6-.6XXX	LiFePO4	1200mAh	4W	9.6V	24Hrs	10-50
FHSBATL9-.6XXX	LiFePO4	1800mAh	10W	9.6V	24Hrs	10-50
**##FHSBATCC3-3-XXX (FHSBATL3-3 INSIDE)	LiFePO4	3000mAh	14W	9.6V	24Hrs	-20 to 50

For CNR only (Same as USR except for the following differences in battery *Max Load for 90 min.)

Fulham Model No.	Chemistry	Pack Capacity	Max Load for 90 min.	Battery Voltage	Recharge Time	*Damp Location Rating (°C)
*#FHSBATL6-3XXX	LiFePO4	6000mAh	16W	9.6V	32Hrs	10-50
**##FHSBATCC3-3-XXX (FHSBATL3-3 INSIDE)	LiFePO4	3000mAh	10W	9.6V	24Hrs	-20 to 50

XXX may be any alphanumeric character 0 to 9 or A to Z to indicate cosmetic variations or may be blank.

*# FHSBATL6-3XXX Max Load for 90 min difference USR/CNR:
 USR 20W
 CNR 16W

**## FHSBATCC3-3-XXX Max Load for 90 min difference USR/CNR:
 USR 14W
 CNR 10W



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2. The need for the minimum light output test shall be considered in the end product.
3. The product has been evaluated for use in damp locations. Suitability of the product for use in wet locations shall be determined in the end-use product.
4. The product was evaluated at a rated ambient of 50°C, additional evaluation shall be considered when used in an ambient other than as specified.
5. Grounding of the unit provided through metal mounting tabs of enclosure (no external supply ground conductor).
6. The suitability of the input, output, and test switch leads shall be determined in the end use product.
7. Battery location, Battery Enclosure and Battery mounting was not evaluated. Suitability of the battery Enclosure, Battery location and mounting means shall be determined in the end-use product.
8. The integral LED charge light inside the test switch can also serve as a derangement signal in the end product.
9. Battery Warmer Model FHSBATCC3-3-XXX was evaluated for use with Emergency Ballast Driver Model FHS2-UNV-56S-XXX and FHS2-UNV-36L-XXX during this investigation. Suitability of mounting and connection to mains shall be determined in the end use product.
10. Output circuits for the LEDs, Test Switch and the Indicator Light were tested and evaluated for Class 2 using UL 8750. Unit is intended to be installed in a fixed supply connection. The suitability and the need for the Leakage Test shall be determined in the end product.
11. The products are intended for factory connection only.
12. Leakage Current Test was not conducted, should be considered in the end product.