

T-Grid Series

Recessed T-Grid Emergency Light

Catalog Number	
Comments	Type

FEATURES

Application

Decorative Emergency Lighting unit designed for fast, easy, recessed installation in suspended ceilings. Additional capacity for powering remote fixtures.

Construction

The T-Grid unit is constructed of a 20-gauge, all metal junction box housing and a trim plate with injection-molded, thermoplastic lamp housing all in a white finish.

Installation

The T-Grid Series is designed for recessed mounting in suspended grid ceilings. The trim plate dimensions allow placement of the unit between the suspended ceiling's grid support structure. The unit must be fastened to the building's structure in accordance with local codes; holes in the unit's mounting ears facilitate this requirement. Ceiling tile may require trimming for finished installation. AC, DC-battery and remote fixture connections are made inside the unit housing. Lampheads attach directly to unit trim plate. AC input leads are provided for wiring. All AC connections made inside unit housing.

Illumination

Lamp housings are fully adjustable. Lighting is provided by a 6 volt/12 volt, 7.2 watt sealed-beam incandescent lamps of a glare-free design. Lamps have a rated life of 100 hours.

Compliances

UL 924 Listed
NFPA 101 Life Safety Code

Warranty

Fixture: 3 Years Full, 5 Years Full with Spectron

Batteries

Lead-Acid: 2 Years Full, 3 Years Pro-Rata
Ni-Cad: 2 years full, 8 Years Pro-Rata



ACCESSORIES

SRHSW Matching remote head (single)*

SRHDW Matching remote head (twin)*

* Supplied with mounting plate. Specify voltage and wattage when ordering.

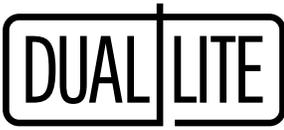
ORDERING GUIDE

TG		Capacity		Battery Type		Output Voltage		Self-Diagnostics		Options	
Model											
		15	15 Watts	Blank	Lead-Calcium	Blank	6 Volt	Blank	None	V	Voltmeter
		30	30 Watts	N	Nickel-Cadmium	12v	12 Volt ¹	I	Spectron® Self-Test/Self-Diagnostic Electronics ²	3	3 Lampheads ³
		50	50 Watts							0	0 Lampheads ³

¹For use with 50W models only

²Not available with Ni-Cad battery models

³Not available on TG15 and TG15N models



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SPECIFICATIONS

Electronics

Input: 120/277VAC, 60 Hz (standard)

Built-in Protection: Reverse polarity, short circuit and low battery voltage disconnect

Charger: Solid-state, thermally compensated, regulated voltage type

Transfer: Solid-state design

Battery Recharge Cycle: Per UL time standards

Test Means: Integral test switch

Indicator: AC-On indicator

Battery

Type: Sealed, maintenance-free, lead-acid (standard models)
Sealed, maintenance-free, nickel-cadmium (Ni-Cad models)

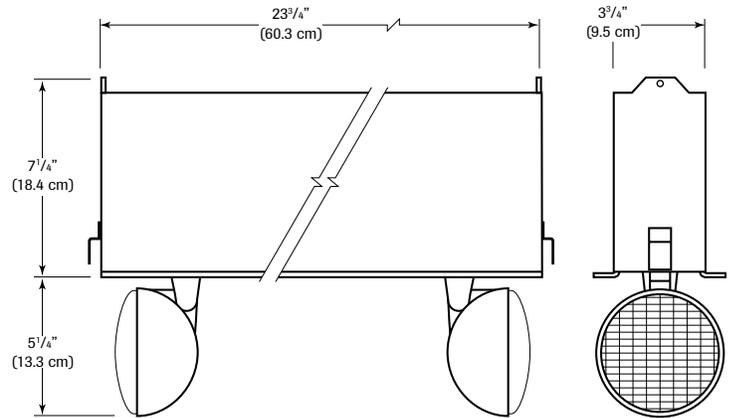
Standard Features Include

- Flame-rated, thermoplastic lamp housings
- Fully adjustable, glare-free lighting heads
- Fully automatic, solid-state charger with AC lockout
- Thermally compensated charger
- Regulated charge voltage
- Reverse polarity protection
- Short circuit protection
- Automatic battery protection (LVD)
- Includes test switch and AC-On pilot light
- Spectron® self-testing/self-diagnostic model available

Operating Temperature Range

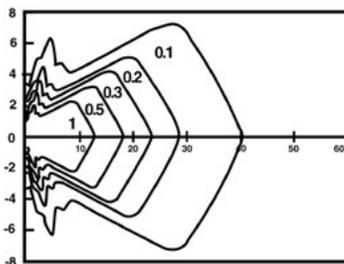
Standard: 68°F to 86°F (20°C to 30°C)

DIMENSIONS

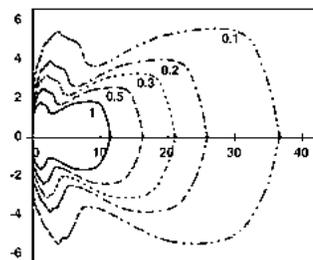


PHOTOMETRICS

6v, 7.2W SBT Lamp



12v, 7.2W SBT Lamp



Photometrics measured by independent testing laboratory