

# Stormguard 27W Fluorescent

## PRODUCT OVERVIEW

The STORMGUARD emergency lighting unit has been developed with versatility, durability and architectural appeal in mind. The durable injection-molded polycarbonate housing is corrosion, flame and vandal resistant. The Beghelli patented "Plug-in" connection system ensures easy installation and maintenance.

## EXTERNAL SPECIFICATIONS

The STORMGUARD emergency lighting unit is contained in a corrosion, flame and vandal resistant polycarbonate housing. The UV stabilized polycarbonate translucent lens or optional clear prismatic lens ensures durability and superior light output.

## REFLECTOR

The STORMGUARD reflector is made of injection molded, self-extinguishing, UV stabilized polycarbonate. The reflector supports components including the circuit, battery and lamp holder.

## DIFFUSER

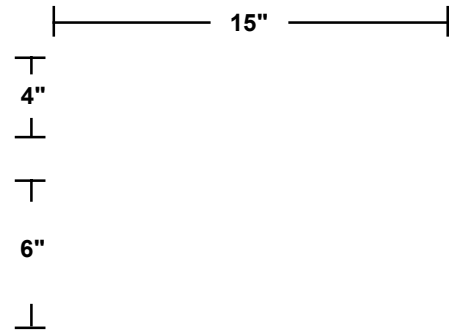
The STORMGUARD diffuser is UV stabilized to reduce the yellowing index and provide superior light output. The STORMGUARD can be configured with either a translucent or clear prismatic diffuser. On average, an increase of +10% light output is achieved by using the clear prismatic diffuser. Both diffusers are +1.23mm thicker than the required UL standard.

## INSTALLATION

Surface ceiling or wall mounting. Suitable for wet location installations on normally inflammable surfaces.



## DIMENSIONS (in.)



Wattage	A"	B"	C"
1x27W	15"	5"	3 3/4"

## ORDERING INFORMATION

Series	Lamps	Operation	Input Voltage	Options
7	24 (1x27w PL fluorescent)	HT (AC only)	US (120v)	CL (clear lens)
		SE (emergency only)	US2 (277v)	TP (tamper proof kit)

EXAMPLE: 724-SE-US-CL  
DESCRIPTION: Stormguard emergency luminaire, emergency only, 120 volt, clear lens



# Stormguard Technical Data

## WET LOCATION APPLICATIONS

The need for outdoor emergency lighting is increasing. Areas such as hotels, apartments, condominiums, theaters, hospitals, restaurants and other public areas are implementing outdoor emergency units in order for people to exit these areas in case of a power failure and safely move away from the building. The STORMGUARD is ideal for these installations. Corrosion resistant housing and lens ensure outdoor durability. The compact size blends in with the exterior architecture. An optional vandal-resistant kit securely keeps the STORMGUARD in place. Installed above an exterior door or along a walkway railing; when the power fails, these paths to safety will be effectively illuminated.

## VANDAL RESISTANT DESIGN

An optional tamper proof kit is available when ordering the STORMGUARD. Stainless steel tamper proof screws and a screw bit are included. Another vandal resistant option is the full-face wireguard that completely encloses the lens. As well, the STORMGUARD lens is 2.70mm thick; this is +1.23mm more than the UL required thickness for a lens (1.47mm). These options make the STORMGUARD ideal for installation in schools, health clubs, prisons, warehouses, sports arenas and exterior corridors.

## CORROSION RESISTANT

The corrosion resistant, polycarbonate material used in the STORMGUARD is resilient to most environments and chemical exposures. The increased durability allows for the STORMGUARD to be installed in areas such as: fish farms, greenhouses, chemical spraying areas, marinas, docking bays, food preparation areas and hose down facilities.

## BATTERY & CIRCUIT TECHNOLOGY

The STORMGUARD series emergency unit uses an internal 6 volt 5ah sealed lead acid battery that provides a minimum 90 minutes emergency duration. The automatic recharge circuit is regulated by an electronic volt sensor and the battery is protected by a low-voltage cut-off circuit. An input voltage of 120v or 277v must be selected when ordering from the factory.

## "PLUG-IN" MOUNTING

The STORMGUARD emergency lighting unit uses the Beghelli patented "Plug-In" connection system allowing for easy installation and maintenance.



## IP65 / WET LOCATION GASKETING

The STORMGUARD carries an IP65 / Wet location rating due to the advanced liquid silicon gasketing that completely seals the unit from moisture infiltration. Emergency units are especially vulnerable to fire sprinkler activation since emergency lighting units are often installed right next to sprinkler heads. The IP65 / Wet location rating ensures protection not just from ambient moisture but also from jets of water like those given off by broken or activated sprinkler heads.

## WARRANTY

The STORMGUARD comes from the factory with an unconditional 5 year product warranty. Lamp is not covered.