

DEFIANT

WET LOCATION EXIT SIGNS AND COMBINATION UNITS

The DEFIANT exit series is designed with the extremes of environment in mind. The fully gasketed polycarbonate lens and ABS thermoplastic housing allows the DEF Series to be installed in locations that require NEMA 4X protection. Optional weatherproof par36 emergency lighting heads can also be installed on this unit. The DEF series is available configured with high-output LED's in AC only and self-powered operation versions.

EXTERNAL SPECIFICATIONS

The DEF series housing is constructed from durable, corrosion resistant ABS thermoplastic. The housing is fully gasketed for wet location applications and is supplied standard in a gray finish. Four polycarbonate pressure screws firmly hold the polycarbonate lens in place. Wall, ceiling, or end mount configurations are available. Single or double face versions must be specified. Removable chevron arrows are standard on each unit. The self-powered version comes standard with an external LED status indicator and test switch.

INTERNAL SPECIFICATIONS

AC ONLY: standard 120/277 VAC input
 SELF-POWERED: standard self-powered versions use sealed nickel-cadmium batteries to provide a minimum 90 minutes of emergency duration. Maintenance free sealed lead acid battery used when optional emergency heads are ordered. Optional 120 minute duration battery is available. Solid state charger and transfer.

EXTREME CLIMATE DESIGN

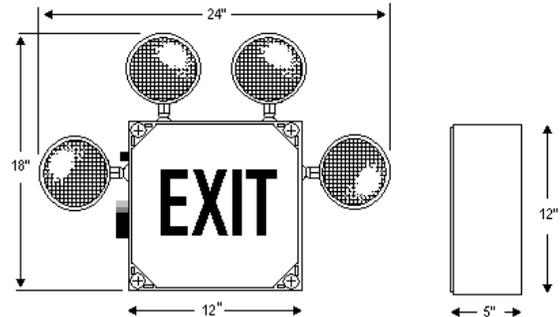
The DEF series has been designed to perform in applications where the climate would punish any standard sign. The entire internal cavity of the sign is protected from moisture invasion by an extremely resilient silicone gasket. The liquid gasketing is "hot-bonded" to the lens during the manufacturing process. This procedure eliminates any chance of the gasketing to become dry and pull away from the lens. The gasketing also holds its original form and has "memory retention" so that it effectively and consistently protects the DEF series from moisture. The DEF can also be equipped with an optional thermostatically controlled heater for cold environments. The ABS housing is highly corrosion resistant and will not rust or rot. The molded ABS finish cannot be scraped or scratched away exposing raw metals like standard steel signs.

BATTERY TECHNOLOGY

The DEF-SP-6-27, 6-36, and 6-54 are designed with an internal, maintenance free, valve regulated sealed lead-acid battery providing emergency lighting duration as per specified unit. The DEF-SP is designed with an internal maintenance free, sealed nickel-cadmium battery providing a minimum emergency duration of 90 minutes. An optional 120 minute nickel-cadmium battery is available. Recharge time of the battery is 24 hours. The maximum battery operating temperature is 50° C.

MECHANICAL SPECIFICATIONS

The DEF series housing is constructed from durable, corrosion resistant ABS thermoplastic. The housing is fully gasketed for damp, wet, and NEMA 4X locations with a hot-bonded silicone gasket. Exit face(s) are made from a high clarity, clear polycarbonate that has been painted white on the internal side only, making the unit highly scratch resistant. Field removable chevron arrows are standard on each face. Four polycarbonate screws firmly hold the face to the housing. Optional par36 heads are constructed of high-impact black thermoplastic that has been sealed against moisture infiltration.



EXIT SIGN ONLY

SIGN SERIES	OPERATION	MOUNTING	LED / # OF FACES	OPTIONS
DEF DEFIANT SERIES	AC SP 90 MINUTE BACKUP	W WALL (NO CANOPY) C CEILING (INSTALLED) E END (INSTALLED)	R1 RED / SINGLE R2 RED / DOUBLE G1 GREEN / SINGLE G2 GREEN / DOUBLE	2CKT DUAL CIRCUIT 120SP 120 MIN. EMER. BZ BUZZER

EXIT SIGN COMBINATION

SIGN SERIES	MOUNTING	LED / # OF FACES	HEADS	OPERATION	OPTIONS
DEF DEFIANT SERIES	W WALL (NO CANOPY) C CEILING (INSTALLED) E END (INSTALLED)	R1 RED / SINGLE R2 RED / DOUBLE G1 GREEN / SINGLE G2 GREEN / DOUBLE	0 NO HEADS 1H ONE HEAD 2H TWO HEADS	6-27 (6V 27W) 6-36 (6V 36W) 6-54 (6V 54W)	2CKT DUAL CIRCUIT 120SP 120 MIN. EMER. BZ BUZZER

LAMP SELECTION

Please see the EGRESSOR Series lamp options.

WARRANTY

The DEF Series comes from the factory with an unconditional 5 year product

Certified by ETL or CSA
 to UL924 Standards
 NEMA 4X

