

Wet Location Nema 4x Exit Industrial Application Exits

PRODUCT OVERVIEW

The TES-WL Wet Location Series of exit signs are designed with the extremes of the environment in mind. The fully gasketed polycarbonate lens and ABS thermoplastic housing allows the WL series to be installed in locations that require NEMA 4X protection. Optional weather-proof Par36 emergency lighting heads can also be installed on this unit. The WL series is available configured with high-output LED's in AC only and Self-Powered operation versions.

EXTERNAL SPECIFICATIONS

The TES-WL 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 grey finish. Four (4) polycarbonate pressure screws firmly hold the polycarbonate lens in place. Wall, ceiling or end mounting 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 120/277VAC input

BATTERY BACKUP: 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.

LAMP SELECTION

6V SEALED BEAM: (SB) standard: 9w, 18w, 25w
(SBH) halogen: 12w, 20w

ORDERING INFORMATION

DESCRIPTION: TES-WL wet location exit, self-powered, red LED, single face, ceiling mount, no heads, internal heater 120V.

Series	Model	LED	Face No.	Mounting	Heads	Operation	Options
TES-WL	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<ul style="list-style-type: none"> • AC (AC only) • BB (self-powered) 	<ul style="list-style-type: none"> • ER (red) • EG (green) 	<ul style="list-style-type: none"> • 1 (single) 	<ul style="list-style-type: none"> • W (wall - no canopy) • C (ceiling - factory installed) • E (end - factory installed) 	<ul style="list-style-type: none"> • 0 (none) • 1LR (one par36) • 2LR (two par36) 	<ul style="list-style-type: none"> • 6-27 (6V 27W) • 6-36 (6V 36W) • 6-54 (6V 54W) 	<ul style="list-style-type: none"> • AT (auto-test) • FL (visual alarm - specify volt) • BZ (audible alarm - specify) • SW (special wording - specify) • IH (internal heater - specify) • PK12 (12" pendant kit) • 120SA (120 min. emergency)

EXAMPLE: TES-WL-BB-ER-1-C-0

*Note: Operation must be specified only when optional emergency heads are being ordered.
Lamp type should also be specified.



MECHANICAL SPECIFICATIONS

The TES-WL 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 is made from a high clarity, clear polycarbonate that has been painted white on the internal side only, making the unit highly scratch resistant. Custom face colors and special wording / graphics are available, please specify. Field removable chevron arrows are standard on each face. Four (4) polycarbonate pressure 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.



WL

Nema 4x Exit

MODEL RATING GUIDE

Model	Voltage	Wattage			
		90	120	180	240
WL-AC	NA	NA	NA	NA	NA
<i>standard - no batteries installed in exit</i>					
WL-BB	NA	NA	NA	NA	NA
<i>self-powered for up to 120 minutes (no external load)</i>					
WL-BB-6-27	6	27	18	12	NA
WL-BB-6-36	6	36	27	18	12
WL-BB-6-54	6	54	36	27	18
<i>self-powered for up to 120 minutes w/ optional battery for external loads.</i>					

EXTREME CLIMATE DESIGN

The TES-WL 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 always holds its original form and has "memory retention" so that it effectively and consistently protects the TES-WL series from moisture. The TES-WL can also be equipped with an optional thermostatically controlled heater for cold environments that allows the unit's battery backup system to function below 32° F. The ABS (acrylonitrile butadiene styrene) 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 TES-WL-BB-6-27, 6-36 and 6-55 are designed with an internal, maintenance free, valve regulated sealed lead-acid battery providing emergency lighting duration as per specified unit. The TES-WL-BB 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 twenty-four (24) hours. The maximum battery operating temperature is 50 C.

INSTALLATION

TES-WL Series exit signs are suitable for surface-, ceiling-, wall-, and end-mounting. Suitable for wet / NEMA 4X location installations on normally inflammable surfaces.

CODE & STANDARDS COMPLIANCE

Certified by ETL or CSA to UL924 Standards.

Nema 4X.



DIMENSIONS

