



# Glo Brite<sup>®</sup> Eco Exit<sup>™</sup> Signs

# Overview

- Eco Exit™ signs are the only non-radioactive, zero electrical wiring and virtually no maintenance exit signs on the market
- These signs provide continuous savings in electricity and maintenance over the life span of the sign
- PM100 now rated for outdoor / wet conditions (only photoluminescent sign for outdoor use)
- Eco Exit signs comply with NFPA 101 Life Code



# 10 Year Cost Comparison

TYPE	COMPACT				GLO BRITE® EXIT SIGN
	INCANDESCENT	FLUORESCENT	LED	TRITIUM	
Lamps	2 Lamps 3000 Hrs.	2 PL 7/10,000 Hrs.	50,000 hours	None	None
Power Consumption	40 Watts	21 Watts w/Ballast	6 Watts	-0-	-0-
Sign & Battery Cost	\$60.00	\$75.00	\$50.00	\$225.00	135
Labor To Install	\$50.00	\$50.00	\$50.00	\$15.00	\$15.00
Initial Installed Cost	\$110.00	\$125.00	\$100.00	\$240.00	150
<b>10 Year Costs</b>					
Electric Power	\$350.00	\$184.00	\$53.00	-0-	-0-
Lamp Cost	\$100.00	\$35.00	\$50.00	-0-	-0-
Lamp Replacement Labor	\$250.00	\$25.00	\$25.00	-0-	-0-
Battery	\$30.00	\$30.00	\$25.00	-0-	-0-
Battery Replacement Labor	\$25.00	\$25.00	\$25.00	-0-	-0-
Disposal Cost	-0-	-0-	-0-	*\$75.00	-0-
Maintenance	\$250	\$250	\$250	-0-	-0-
<b>Total Operating Cost For 1 Exit Sign over 10 Years</b>	<b>\$1,115.00</b>	<b>\$674.00</b>	<b>\$528.00</b>	<b>\$315.00</b>	<b>\$150.00</b>

By switching to EcoExit™ signs, a building with 100 signs will save over \$3,500 per year in energy costs alone and reduce air pollution by almost a half a million pounds of CO<sub>2</sub> compared to incandescent signs over the life of the product. Eco Exit™ signs are also less expensive to install and maintain as they eliminate the need for wiring, maintenance or batter backup, further decreasing overhead costs. Zero energy EcoExit™ signs completely eliminate energy consumption and provide an immediate return on investment.

# PF50 vs. PM100



## PF50

Plastic Frame

50ft viewing distance

Indoor Only

Available colors: Red, Black,  
Green and White

**vs.**

## PM100

Plastic Frame with Molded Letters

100ft viewing distance

Indoor and Outdoor

Available Colors: Red, Black and  
Green

# NFPA 101 Life Code

- Letters must be 6” in height
- Photoluminescent signs must be continuously illuminated while building is occupied
- Placement shall be where no point in an exit access corridor is in excess of the rated viewing distance

(NFPA 101 7.10.1.5)



# Eco Exit™ Facts

## How long will Glo Brite® signs last?

Glo Brite® have no internal replacement parts. Under normal operating conditions, they will have a life span of 25+ years.

## How long does it take to charge the Glo Brite® sign?

Recharge time is dependent upon the amount of ambient room illumination. Charging at 54lux of ambient room illumination for 60 minutes, the sign will still be legible after 90 minutes in the dark.

## How long will the Glo Brite® sign glow?

With a minimum charge of 54lux ambient room illumination for 60 minutes, Glo Brite® signs will still be legible after 90 minutes, but these signs will glow many hours past 90 minutes.

# Eco Exit™ Facts

What happens if the lights have been off all night, and the next morning an emergency occurs 15 minutes after the building is occupied? Will the sign have time to properly charge?

The NFPA Technical Committee on Means of Egress reviewed this question, after thorough discussion, a determination was made that the probability of such a scenario occurring is extremely low. Glo Brite® signs take 96 hours to fully discharge. If complete discharge has not occurred, the residual energy will make charging take only few minutes.

Where will Glo Brite® Exit signs NOT work?

Per the NFPA, photoluminescent exit signs are not suitable where the illumination levels are permitted to decline past 5ft candles and where the charging source is connected to automatic timers.

# Eco Exit™ Facts

## Will Glo Brite® Exit signs work outdoors?

Yes! Previously, Glo Brite® exit signs were not suitable for outdoor use. However, PM100 series Exit signs are now listed for outdoor / wet conditions

## What is the Authority Having Jurisdiction?

The AHJ may be a federal, state or local agency or an individual such as a fire marshal. The AHJ has final say regarding what can and cannot be used or installed within their jurisdiction.

# For More Information

- [NMC Eco Exit™ Signs](#)
- [NFPA 101: Life Code](#)

Or contact NMC at 800.453.2727 for more information