

Emerg	en	cy]	Lig	ht	in
Pł	ıan	ton	n P	M	Se
60	15 1	VI C	ori	00	

Phantom PM Series	4, 5
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PHANTOM PM Series

Decorative Style Recessed Equipment 12-Volt, Maintenance-Free, Long Life Lead-Calcium Battery Evaluated to UL 924 Standards

Blending into any environment, the Phantom PM Series emergency lighting unit goes unnoticed until it is needed. When AC power fails and the lights go out, the Phantom PM unit emerges to illuminate the path to safety. Once AC power is restored, the automated motor assembly drives the door back to the closed position.

FEATURES

- RELIABILITY: The Phantom PM Series has a three-year full warranty (excluding lamps).
- **CONSTRUCTION:** Design combines ease of installation for the contractor and quality of finish for the architect or designer. The lighting assembly features a high quality, white finish. The heavyduty, galvanized steel back box has no holes and a corrosion-resistant finish.
- MOUNTING: Recess mounts into walls or ceiling.

• ELECTRONICS:

- Automatic, temperature-compensated, charger.
- ▶ High capacity, automatic, dust tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- ▶ Fused output circuits.

• CONTROLS:

- ▶ Internally illuminated test switch.
- POWER REQUIREMENTS:
- ▶ 120/277 Volt AC.



APPLICATIONS

The "unseen solution" for use in walls or ceilings with a cavity. Ideally suited for any interior application where aesthetics are of importance.

BATTERY

Long-life, maintenance-free sealed Lead-Calcium. Provides 90 minutes of emergency illumination.

LAMP HEADS

The unit includes MR16 lamps supported by metallic swivels, with 100 degrees of aiming. MR16 lamps are available in 12, 20, 35 and 50 watts.

UNIT SELECTION CHART



PHANTOM PM Series

ORDERING FORMAT

- ①— **12**Voltage
- ②— **PM**.....Series
- ③— 36Wattage (See Unit Selection Chart)
- 4 -- -2Number of Lamps Heads
- 5— (12).....Wattage of Lamps
- **⊚** -**ID**.....0ptions

Custom colors and finishes available on request.

ORDERING FORMAT (for Remote)

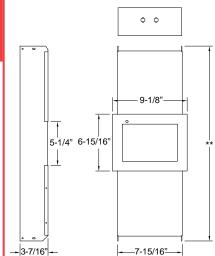
- ①—— **12**Voltage
- ②— PMR.....Series
- 3— 12Wattage of Lamps
 - (see remote selection chart)
- 4— -2Number of Lamp Heads

POWER CONSUMPTION CHART

Γ		Maxi	mum	Stand-By			
	AC Input	Input Current (A)	Input Power (Watts)	Input Current (A)	Input Power (Watts)		
	120V	0.21	21	0.060	4		
I	277V	0.09	21	0.025	4		

DIMENSIONS

Dimensions are approximate and subject to change.



Charger & Battery
Compartment:
For use in walls
or ceilings with a cavity,
not for use in block walls
or solid ceilings.

- **23-3/4" for up to 12V 70W, 29" for 12V 100W* *(not suitable for T-Bar ceiling)
- **UNIT RATING CHART**

*Watts	*Watts to 87-1/2% of rated battery voltage							
Model #	1-1/2 hrs.	2 hrs.	3 hrs.	4 hrs.				
12PM36	36	24	-	-				
12PM54	54	40	36	24				
12PM70	70	48	40	28				
12PM100	100	70	60	40				









OPTIONS (Add suffix to Model No.)

Improved Diagnostics-ID
Less Back Box-LBB*

*Unit must be installed with our back box to retain listing.

ACCESSORIES

(Order as separate item)

Remote Test Switch	PSW
Back Box Only (36-70W Unit)06	
Back Box Only (100W Unit)06	

*Order only when back box is needed in advance.





605-M Series

Decorative Style Recessed Gimbal Unit 6-Volt, Maintenance-Free, Lead-Calcium Battery

Listed to UL 924 Standards

The 605-M Series emergency luminaire is a classic recessed downlight style unit with a gimbal-mounted lamp. The unit recesses fully into the ceiling, leaving only the lens and trim visible.

FEATURES

- **RELIABILITY:** The 605-M Series has a three-year full warranty (excluding lamps and pilot lights).
- CONSTRUCTION: All components are contained in drawn steel back box. Standard finish of trim is white.
- MOUNTING: Recess mounts into ceiling. Series 605-M is UL-approved for use in insulated ceilings. Adjustable hanger bars are supplied with each unit.

• ELECTRONICS:

- ▶ Automatic, temperature-compensated, pulse-type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- ▶ Labor-saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Low voltage disconnect prevents overdischarge of battery. Automatic brownout protection is provided.

• CONTROLS:

- ▶ Combination AC-ON/charge monitor LED.
- Momentary test switch allows for quick operational check of entire system.

• POWER REQUIREMENTS:

▶ 120/277 Vac, 60Hz, 0.3/0.15A.

APPLICATIONS

Ideally suited for low ceilings. Blends inconspicuously with existing recessed lighting schemes.

BATTERY

6-volt, maintenance-free sealed Lead-Calcium, Long Life Lead or Nickel-Cadmium. Provides 90 minutes of emergency illumination.

LAMP HEADS

Unit is supplied with an 8 watt, highintensity halogen lamp. Gimbal ring has a horizontal rotation of 358° and a vertical angle adjustable to 42°.

OPTIONS

(Add suffix to Model No.)

Black Trim and Gimbal -B

ORDERING FORMAT

605	P1	/LH5	-R	- M	-B
<u>(1)</u>	(2)	(3)	<u>(4)</u>	(5)	6

①— **605**Series

2— P1Battery Type and Capacity

3— /LH5Lamp Suffix

4— -RRecessed

⑤── -MMetal

⊚— -**B**.....Black

ACCESSORIES



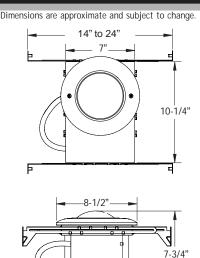


UNIT SELECTION CHART

		*Watts to 8	Standard Lamps				
Battery Type	Volts	Model No. <u>of Nominal F</u> 1-1/2 Hrs.		of Nominal Battery Voltage 1-1/2 Hrs. 2 Hrs.		Туре	Replace. No.
Lead-Calcium	6	605P1/LH5-R-M	9	-	8	Halogen	580.0013
Long Life Lead	6	605E1/LH5-R-M	9	-	8	Halogen	580.0013
Nickel-Calcium	6	605C1/LH5-R-M	18	12	8	Halogen	580.0013
Long Life Lead	6	605E2/LH5-R-M	18	11	8	Halogen	580.0013

^{*}National Electrical Code Specification

DIMENSIONS





Decorative Style Unit Equipment 6-Volt Maintenance-Free Long Life Lead-Calcium or Nickel-Cadmium Battery **Listed to UL 924 Standards**

The RSQ Series is a clean, contemporary-styled unit that provides non-obtrusive emergency lighting in any institutional or commercial environment. These units are available as fully recessed mount.



For institutional and commercial environments where overall style of decor is essential and where directional lighting is not critical.

BATTERY

Choice of 6-volt long life, maintenancefree sealed Lead-Calcium or Nickel-Cadmium battery. Provides 90 minutes of emergency illumination.





UNIT	SELEC	TION:	CHART
			<u> </u>

No remote capability									
77 14	Model	D	*Watts to 8		Standard Lamps				
Volts	No.	Battery of Nominal Battery Voltage 1-1/2 Hrs. 2 Hrs. Wat		of Nominal Battery Voltage 1-1/2 Hrs. 2 Hrs.		-1/2 Hrs. 2 Hrs. Wa		Туре	Replace. No.
6	RSQG-NY	Sealed Lead	10	-	10	Halogen	580.0017		
6	RSQN-NY	Sealed Nick. Cad.	10	-	10	Halogen	580.0017		
With re	With remote capability								
6	RSQG-D-NY	Sealed Lead	24	18	2 x 6	Halogen	580.0012		
6	RSQN-D-NY	Sealed Nick. Cad.	24	18	2 x 6	Halogen	580.0012		

^{*}National Electrical Code Specification

LAMP HEADS

Furnished with one high efficiency tungsten halogen lamp. Provides a nondirectional even light distribution with beam spread of more than 170°.

ORDERING FORMAT

RSQ	G	-NY
1	2	3

①— **RSQ**.....Series ②— GBattery type - -NYNYC-Approved Version

OPTIONS (Add suffix to Model No.)

Self or Improved DiagnosticsID*
Improved Diagnostics Non-AudibleIDNA
Voltmeter (not available
with diagnostics)V
Time Delay (12 minutes) TD **

ACCESSORIES (Order as separate item)

Wire Guard...... WG11-L

FEATURES

- RELIABILITY: The RSQ Series comes complete with a 3-year full warranty (excluding lamps).
- HOUSING: 20 gauge fire-resistant steel with frame and trim finished in white enamel. Clear prismatic lens.
- MOUNTING: Fully recesses into T-bar or exposed Z-spline ceilings. Mounting brackets and supporting bars are included. Series RSQ is UL approved for use in insulated ceilings.

• ELECTRONICS:

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust tight instantaneous transfer relay.
- Low voltage disconnect prevents overdischarge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.

• CONTROLS:

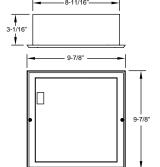
- ▶ Red charger monitor LED indicates state of charge of the battery.
- Momentary test switch for quick operational check of entire system.
- Combination AC-ON/charge monitor LED.

• POWER REQUIREMENTS:

▶ 120/277 Vac, 60Hz, 0.3/0.15A.

DIMENSIONS

Dimensions are approximate and subject to change.



^{*}Not available with Nicad **Not required with ID/IDNA option



RD Series

Decorative Style Recessed Unit Equipment, 6 and 12-Volt, Maintenance-Free, Lead-Calcium, Long Life Lead or Nickel-Cadmium Battery, **Listed to UL 924 Standards**

The RD Series combines decorative styling, rugged construction and high performance for fully recessed applications. The low profile RD Series is unobtrusive, blends in well with any interior, and can be recessed in ceilings or walls.

FEATURES

 RELIABILITY: The RD Series has a three-year full warranty (excluding lamps).

Also available in black.

- CONSTRUCTION: Construction of 20 gauge steel with an mist-white enamel finish.
- MOUNTING: Easily recesses into wall or ceiling. Mounting brackets included for installation in grid type suspended ceilings. Unit comes standard with adjustable bar hangers. Furnished with ELF645 heads with 6 or 12-volt lamps as specified.

• ELECTRONICS:

- Automatic, temperature-compensated, pulse-type charger.
- High capacity, automatic, dust tight instantaneous transfer relay.
- Low voltage disconnect prevents over discharge of battery. Automatic brown out protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.

• CONTROLS:

- Red charge monitor LED indicates state of charge of the battery.
- Pilot LED lamp indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

• POWER REQUIREMENTS:

▶ 120/277 Vac, 60Hz, 0.3/0.15A.

APPLICATIONS

Ideal for use in applications that require fully-recessed, architecturally-styled units.

BATTERY

Unit comes standard with 6 or 12-volt maintenance-free, sealed Lead-Calcium battery. Nickel-Cadmium battery available as an option.

UNIT SELECTION CHART

Standard lamp is 6 or 12-volt, 12 watt

UNIT EQUIPMENT - WITH REMOTE CAPABILITY								
Sealed	D.C.	Model 1	Vumber	*Watts to 87-1/2%				
Maintenance-Free	Voltage	ELF645	ELF2			tery vo		
Battery Types		Lamps Heads	Lamp Heads	1-1/2 hrs.	z nrs.	3 hrs.	4 hrs.	
Nickel Cadmium	6	2RD6C2	2RD6C2-ELF2	25	18	12	9	
	12	2RD12C3	2RD12C3-ELF2	36	21	15	12	
	6	2RD6E2	2RD6E2-ELF2	27	19	14	10	
Long Life Lead	6	2RD6E3	2RD6E3-ELF2	36	24	17	13	
	12	2RD12E3	2RD12E3-ELF2	36	24	17	13	
	6	2RD6M2	2RD6M2-ELF2	27	18	14	10	
Lead Calcium	6	2RD6M3	2RD6M3-ELF2	36	25	20	14	
	12	2RD12M3	2RD12M3-ELF2	36	25	20	14	

^{*}National Electrical Code Specification



RD Series

LAMP HEADS

Supplied standard with ELF645, Par 36 size, high impact mar-resistant thermoplastic heads, furnished with 6 or 12-volt high intensity incandescent lamps. ELF2 heads also available upon request.

Example: 2RD12C3/LH3 2RD12C3/ELF2-LH3

ORDERING FORMAT

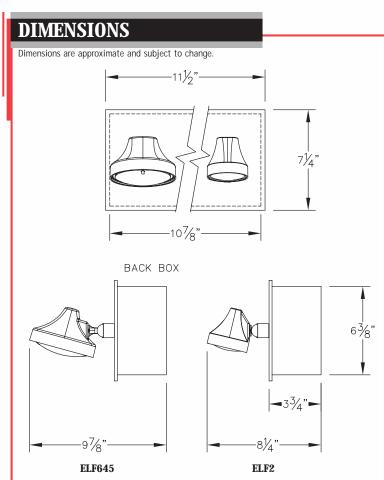
2					/LH4	-ID		
1	2	3	4	(5)	6	7		
1)—	2		N	o. of	Heads (0	0, 1, 2)		
②——	RD .		S	eries				
3—	6		D	C Bat	tery Bac	kup		
			(6=6 V	dc, 12=1	2 Vdc)		
4	M		В	atter	y Type (1	M=Lead-C	alcium,	
			E	=Long	g Life Le	ad C=Nick	el-Cadmiun	n)
<u> </u>	2		С	apaci	ty Indica	itor		
			(2	See U	nit Selec	ction Char	rt)	
6	/LH4	1	L	amp S	Suffix			
7	- ID .		Iı	nprov	ved Diagı	nostics (S	ee Options)	











OPTIONS	(Add suffix to Model No.)
Black Trimplate and Heads	y one) A* or -V* ID IDNA

- Not available with ID/IDNA option. Not required when using the ID/IDNA option.

ACCESSORIES (Order as separate item)





Decorative Style Recessed Unit Equipment 6 and 12-Volt, Maintenance-Free, Lead-Calcium or Nickel-Cadmium Batteries, **Listed to UL 924 Standards**

The TBR Series combines decorative styling, rugged construction and high performance for fully recessed applications. Low profile, the TBR Series is unobtrusive, blends in well with any interior, and is designed to be recessed in grid ceilings.

FEATURES

- RELIABILITY: The TBR Series has a three-year full warranty (excluding lamps).
- **CONSTRUCTION:** 18-gauge, steel, finished in mist white enamel. Provision for mounting up to three heads.
- MOUNTING: Lay-in installation in T-bar grid ceiling. Back box has removable cover for ease of installation and full access to battery and charger.

• ELECTRONICS:

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust tight instantaneous transfer relay.
- Low voltage disconnect prevents overdischarge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.

• CONTROLS:

- ▶ Red charge monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

POWER REQUIREMENTS:

▶ 120/277 Vac, 60Hz, 0.3/0.15A.

APPLICATIONS

For areas where a fully recessed "slim-line" ceiling unit is required. Ideal for locations where there is limited wall space and where the greater directional flexibility of ceiling-mounted heads is needed to provide a broader light distribution.

BATTERY

6 or 12-volt, long life, maintenance-free, sealed Lead-Calcium. Nickel-Cadmium available as an option.

UNIT SELECTION CHART

Γ		Model No.	*Watts to 87-1/2%				Stan			
Volts		of No 1-1/2 Hrs.		attery Vo 3 Hrs.	oltage 4 Hrs.	Watts/Head	Туре	Lamp Replace. No.	Cabinet	
Γ		2TBRC1/L9	27	20	14	10	9	Incand.	570.0016	S
l	6	2TBRC2/L9	54	36	25	18	9	Incand.	570.0016	S
l		2TBRC3/L9	81	48	33	24	9	Incand.	570.0016	L
Γ	12	2T12BRC2/L25	54	36	25	18	25	Incand.	570.0031	S

^{*}National Electrical Code Specification



TBR Series



ORDERING FORMAT

2	TBR	C1	/ L9	-ID
1	(2)	(3)	<u>4</u>	(5)

......No. of Heads (0, 1, 2, 3)

— **TBR**Series

(TBR=6 Vdc, T12BR=12 Vdc)

③── C1Capacity Indicator

(See Unit Selection Chart)

4— /**L9**.....Lamp Suffix

⑤— -IDImproved Diagnostics (See Options)

LAMP HEADS

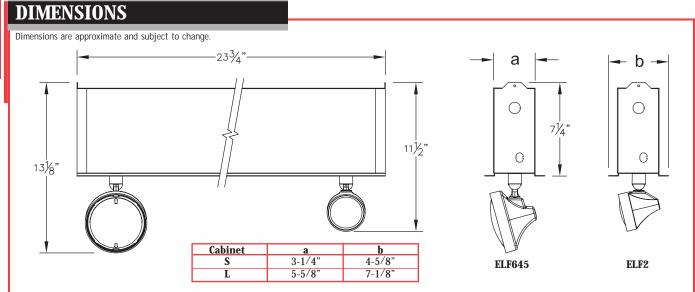
Standard with ELF645, Par 36 size, high impact mar-resistant thermoplastic heads, furnished with high intensity incandescent lamps. ELF2 heads also available upon request.

Note: Optional lamps available.









OPTIONS (Add suffix to Model No.)

Black Trimplate and HeadsB
Ammeter or Voltmeter (Choose only one)A or -V*
Time Delay (12 min.) TD **
Improved DiagnosticsID
Improved Diagnostics, Non-AudibleIDNA
Nickel-Cadmium BatteryN***

*Not available with ID/IDNA option.

**Not required when using the ID/IDNA option.

***Consult factory for NiCad wattage ratings.

ACCESSORIES

(Order as separate item)

Remote Test Switch, Metal FaceplatePSW





MG Series

Industrial/Commercial Unit Equipment, 6 and 12-Volt, Maintenance-Free, Lead-Calcium or Nickel-Cadmium Battery, **Listed to UL 924 Standards**

The MG Series is an excellent combination of economy, quality and versatility. Its compact, all-metal housing is offered in a wide variety of battery choices and wattages. The MG Series comes with our highly reliable pulse type charger. Improved Diagnostics are available as an option.

FEATURES

- **RELIABILITY:** The MG Series comes complete with a 3-year full warranty (excluding lamps).
- HOUSING: Constructed of 20 gauge steel with a mist white enamel finish. Hinged cabinet door for easy access. Furnished standard with two Par 36 size, high impact, mar resistant, thermoplastic head with one 12 watt lamp per head.
- MOUNTING: Conduit knockouts and rear keyhole mounting slots are provided.

• ELECTRONICS:

- Automatic, temperature compensated, pulse type charger.
- ▶ High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents overdischarge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.

• CONTROLS:

- ▶ Red charge monitor LED indicates state of charge of the battery.
- Orange AC-ON LED indicates AC power is on.
- ▶ Momentary test switch allows for quick operational check of entire system.

• POWER REQUIREMENTS:

▶ 120/277 Vac, 60Hz, 0.3/0.15A.

APPLICATION

Our compact housing design meets most requirements for moderate loads. This unit is reliable, economical and can be used in all public areas and most commercial applications.

BATTERY

6 or 12 volt, sealed maintenance-free Lead-Calcium or Nickel-Cadmium batteries.

UNIT SELECTION CHART

Sealed Maintenance-Free	Volts	Model No. (Unit/Lamp Suffix)	*Wa of Nomi	Cabinet Size			
Battery Types		(OIIIO Lamp Suriax)	1-1/2 Hrs	2 Hrs	3 Hrs	4 Hrs	Size
	6	2MG1/LH6-M	27	18	14	-	S
Lead-Calcium	U	2MG2/LH6-M	54	37	28	21	L
Leau-Caiciuiii	12	2M12G1/LH3-M	36	25	20	14	S
	12	2M12G2/LH3-M	54	37	28	21	L
	6	2MN1/LH6-M	25	18	12	-	S
Nickel-Cadmium	12	2M12N1/LH3-M	36	21	15	12	S
	12	2M12N2/LH3-M	50	36	25	18	S

12W Bi-Pin Halogen, ELF645 Heads Standard

*National Electrical Code Specification



MG Series

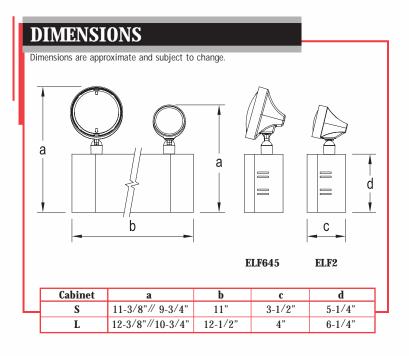
ORDERING FORMAT

			/ LH6	- M	<u>-V</u>	
1	2	3	4	(5)	6	
1)—	2		No.	of Heads	s (0, 1, 2, 3)	
2-	MG		Seri	ies/DC Vo	oltage	
			(MG	6 = 6 Vdc,	M12G = 12 Vdc)
3-	2		Сар	acity Ind	licator	
			(See	e Unit Se	election Chart)	
4 —	/LH6	·	Lan	ıp Suffix		
⑤	-M		Staı	ndard Mis	st White Ename	l Finish
					ee Options)	
					*	

LAMP HEADS

Standard with ELF645, Par 36 size, high impact mar-resistant thermoplastic heads, furnished with 12W high intensity halogen lamps. ELF2 heads also available upon request.

Note: Optional lamps available.









OPTIONS (Add suffix to Model No.)

Black Housing and Heads (Replace -M by)A or -V Disconnect SwitchDS**	*
Improved DiagnosticsID*	
Improved Diagnostics, Non-AudibleIDN	
Time Delay (12 minutes) TD **	
Tamper ProofT	P
Front Mounted Heads (for Low Ceilings)F	M
3-wire Cord & Plug3C	P
3-wire Cord & Plug (277V)3CP-27	7

- *Not available with ID/IDNA option.

 **Not available with NiCad Battery

 ***Not required when using the ID/IDNA option.

ACCESSORIES (Order as separate item) Mounting PlatformMP-PQA Wire Guard (S Cabinet)WG1-L Wire Guard (L Cabinet)WG2-L Wire Guard (Front Mounted Heads)......WG10-L





PG, P12G Series

Industrial/Commercial Unit Equipment 6 or 12-Volt, Maintenance-Free Lead-Calcium Battery Listed to UL 924 Standards

The PG, P12G Series is a traditionally-styled, multi-purpose emergency lighting unit that offers reliability, versatility, performance and cost-efficiency in an aesthetically-pleasing design.

FEATURES

- RELIABILITY: The PG, P12G Series has a three-year full warranty (excluding lamps).
- HOUSING: Heavy duty steel case with front access panel and mist white enamel finish.
- MOUNTING: Conduit knockouts and rear keyhole mounting slots are provided.

• ELECTRONICS:

- Automatic, temperature-compensated, pulse-type charger.
- ▶ High capacity, automatic, dust tight instantaneous transfer relay.
- Labor-saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
- ▶ Fused output circuits (PG2, P12G1).

• CONTROLS:

- ▶ Red charger monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

• POWER REQUIREMENTS:

▶ 120/277 Vac, 60Hz, 0.3/0.15A.

APPLICATIONS

Designed to meet requirements for moderate loads, the PG, P12G Series is a reliable, economical choice for most public, commercial and industrial areas.

BATTERY

6 or 12-Volt, maintenance-free sealed Lead-Calcium. Battery capacities meet the 90 minute required run time or extended run times based on lamp load.

UNIT SELECTION CHART

Volts	Model No. (Unit/Lamp Suffix)	*Watts to 87-1/2% of Nominal Battery Voltage					
	(Unit/ Lamp Sumx)	1-1/2 Hrs	2 Hrs	3 Hrs	4 Hrs		
e	2PG1-NY/L9-M	27	20	14	-		
U	2PG2-NY/L9-M	54	36	27	18		
12	2P12G1-NY/L9-M	54	36	27	18		

^{*}National Electrical Code Specification



PG, P12G Series

ORDERING FORMAT

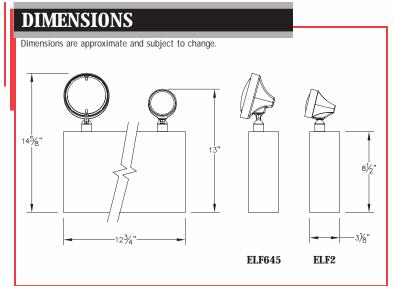
2		_	-NY		- M	-ID	
1	2	3	4	(5)	6	<u></u>	
1	2			No. of	Heads (0	, 1, 2, 3)	
2-	PG .			Series/	DC Volta	ge	
				(PG=6)	Vdc, P12	G = 12 Vdc)
3—	1			Capacit	y Indica	tor	
				(See Ur	nit Selec	tion Chart))
4	-NY			New Yo	rk City S	spec.	
<u></u>	/ L9			Lamp S	uffix		
6-	-M			Standa	rd Mist W	hite Finish	ı
(7)	-ID			.Improve	ed Diagno	ostics (See	Option:



Standard with ELF645, Par 36 size, high impact mar-resistant thermoplastic heads, furnished with high intensity incandescent lamps. ELF2 heads also available upon request.

Note: Optional lamps available.











OPTIONS (Add suffix to Model No.) Black Housing and Heads (Replace "-M" by).....--B Voltmeter -V* Disconnect Switch-DS** Improved Diagnostics-ID Time Delay-**TD**** 3-Wire Cord and Plug-3CP 3-Wire Cord and Plug (277V)....-3CP-277

*Not available with diagnostics.
**Not required with the ID/IDNA option.

ACCESSORIES	(Order as separate item)
Wire Guard Mounting Platform	





PN, P12N Series

Industrial/Commercial Unit Equipment 6 or 12-Volt, Maintenance-Free, Nickel-Cadmium Battery **Listed to UL 924 Standards**

The PN, P12N Series is a traditionally styled, high performance unit. Long-life Nickel-Cadmium batteries are maintenance-free and designed specifically for environments where lighting units may be exposed to fluctuations in temperature.

FEATURES

- RELIABILITY: The PN, P12N Series has a three-year full warranty (excluding lamps).
- HOUSING: Heavy duty steel case with front access panel and mist white enamel finish.
- MOUNTING: Conduit knockouts and rear keyhole mounting slots are provided.

• ELECTRONICS:

- Automatic, temperature-compensated, pulse-type charger.
- ▶ High capacity, automatic, dust-tight instantaneous transfer relay.
- Labor-saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Automatic brownout protection is provided.
- Fused output circuit.

• CONTROLS:

- ▶ Red charger monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

• POWER REQUIREMENTS:

▶ 120/277 Vac, 60Hz, 0.3/0.15A.

APPLICATIONS

This series is offered where an attractive conventional emergency lighting unit is required. These units are reliable yet economic for all public, commercial and industrial areas. Recommended where the long-life and maintenance-free features of sealed Nickel-Cadmium batteries are required.

BATTERY

Nickel-Cadmium batteries outperform lead acid batteries in dramatic ambient temperature fluctuations. These units are equipped with 6 or 12-volt, long life, maintenance-free sealed Nickel-Cadmium.

UNIT SELECTION CHART

**At Additional Cost

	Model No.	*Watts to 87-1/2%				St			
Volts	(Unit/Lamp Suffix)	of Nominal 1-1/2 Hrs. 2 Hrs		Battery Voltage 3 Hrs. 4 Hrs.		Watts/Head	Type Replace. No.	Lamp	Cabinet
6	2PN1/L9-M	25	20	14	10	9	Incand.	570.0016	A
12	2P12N1/L12-M	50	36	25	18	12	Incand.	570.0028	A
12	2P12N2/L12-M	72	60	50	36	12	Incand.	570.0028	В
						O p	tional Lamps	**	
6	2PN1/LH6-M	25	20	14	10	12	Bi-Pin Halogen	580.0011	A
10	2P12N1/LH3-M	50	36	25	18	12	Bi-Pin Halogen	580.0015	A
12	2P12N2/LH3-M	72	60	50	36	12	Bi-Pin Halogen	580.0015	В

^{*}National Electrical Code Specification



PN, P12N Series



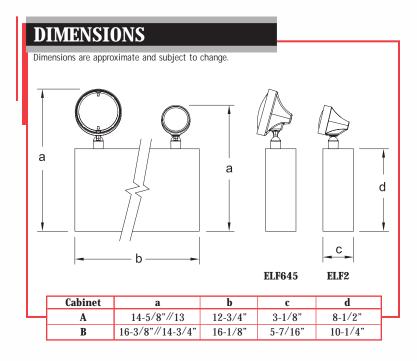
ORDERING FORMAT

	2 /LH3 -M 3 4 5	- <u>V</u>
①— 2	No. of Head	s (0, 1, 2, 3)
②— P12N	Series/DC V	oltage
	(PN = 6 Vdc)	P12N = 12 Vdc
③── 2	Capacity Inc	dicator
	(See Unit Se	election Chart)
⊕ — / LH3	Lamp Suffix	(
⑤— -M	Standard Mi	ist White
	Enamel Fini	sh
⊚ — - V	Voltmeter (See Options)

LAMP HEADS

Standard with ELF645, Par 36 size, high impact mar-resistant thermoplastic heads, furnished with high intensity incandescent lamps. ELF2 heads also available upon request.

Note: Optional lamps available.









OPTIONS (Add suffix to Model No.) Black Housing and Heads (Replace "-M" by)-B Disconnect Switch-DS** Time Delay (12 min.)-TD** Tamper Proof-TP 3-Wire Cord and Plug-3CP 3-Wire Cord and Plug (277V)-3CP-277

*Not available with IDNA.
**Not required with IDNA Option.

ACCESSORIES	(Order as separate item)
Wire Guard (B Cabinet)	



Listed to UL 924 Standards



The PQ , P12Q Series is a traditionally styled battery unit with high capacity, maintenance-free batteries — the perfect combination of function and performance for most industrial and commercial environments.

FEATURES

- RELIABILITY: The PQ, P12Q Series has a three-year full warranty (excluding lamps).
- HOUSING: Heavy duty steel case with front access panel has mist white enamel finish.
- MOUNTING: Conduit knockouts and rear keyhole mounting slots are provided.

• ELECTRONICS:

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust tight instantaneous transfer relay.
- Low voltage disconnect prevents overdischarge of battery. Automatic brownout protection is provided.
- ▶ Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.

• CONTROLS:

- ▶ Red charge monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

• POWER REQUIREMENTS:

▶ 120/277 Vac, 60Hz, 0.3/0.15A.

APPLICATIONS

Industrial, institutional and commercial environments where remote capability or extended operating times are required.

BATTERY

6 or 12-volt, maintenance-free sealed Lead-Calcium.

UNIT SELECTION CHART

**At Additional Cost

	Model No.		*Watts to 87-1/2% of Nominal Battery Voltage			S				
Volts	(Unit/Lamp Suffix)	of No. 1-1/2 Hrs.		attery Vo 3 Hrs.	oltage 4 Hrs.	Watts/Head	Туре	Lamp Replace. No.	Cabinet	
6	2PQ2/L25-M	100	75	50	36	25	Incand.	570.0038	В	
	2PQ3/L25-M	200	150	100	72	25	Incand.	570.0038	С	
12	2P12Q1/L25-M	100	75	50	36	25	Incand.	570.0031	В	
12	2P12Q2/L25-M	200	150	100	72	25	Incand.	570.0031	C	
						Op	**			
6	2PQ2/LH6-M	100	75	50	36	12	Bi-Pin Halogen	580.0011	В	
	2PQ3/LH6-M	200	150	100	72	12	Bi-Pin Halogen	580.0011	С	
12	2P12Q1/LH3-M	100	75	50	36	12	Bi-Pin Halogen	580.0015	В	
12	2P12Q2/LH3-M	200	150	100	72	12	Bi-Pin Halogen	580.0015	С	

^{*}National Electrical Code Specification



PQ, P12Q Series

ORDERING FORMAT

				/L25	- M	- V	
	1	2	3	4	5	6	
1)	2			No. of H	eads (0, 1,	2, 3)	
2-	PQ			Series/D	C Voltage		
				(PQ = 6)	Vdc, P12Q	= 12 Vdc)	
3	2			Capacity	Indicator		
				(See Uni	t Selection	n Chart)	
4 —	/L2	5		Lamp Su	ffix		
⑤	-M			Standard	Mist Whit	te Enamel F	inish
6-	-V			Voltmete	r (See Opt	ions)	

LAMP HEADS

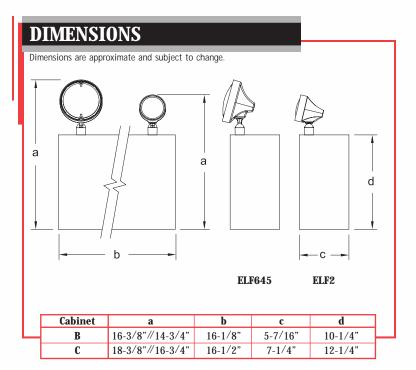
Standard with ELF645, Par 36 size, high impact mar-resistant thermoplastic heads, furnished with high intensity incandescent lamps. ELF2 heads also available upon request.

Note: Optional lamps available.









V Age

OPTIONS	(Add suffix to Model No.)

Dlock Housing and Hoods (Donloss "M" hy)	D
Black Housing and Heads (Replace "-M" by)	
Voltmeter	
AmmeterA	*
Improved Diagnostics	D
Improved Diagnostics, Non-AudibleIDN	A
Time delay (12 min.) TD *	*
Tamper Proof	P
School Commission AuthoritySCA**	*
3-Wire Cord & Plug30	P
3-Wire Cord & Plug (277V)3CP-27	

- *Voltmeter and ammeter not available with the ID/IDNA option.
 **Not required with the ID/IDNA option.
 ***School Construction Authority approved with the ELF622 heads.

ACCESSORIES (Order as separate item) Wire Guard WG3-L Mounting Platform (C Cabinet) MP-PQB Mounting Platform (B Cabinet) MP-PQA





S12E Series

Industrial/Commercial Unit Equipment 12-Volt, Maintenance-Free, Lead-Calcium Battery

Listed to UL 924 Standards

The S12E Series offers high performance, reliability and flexibility. Its high capacity, maintenance-free battery offers extended illumination and multiple remote capability.

FEATURES

- RELIABILITY: The S12E Series has a three-year full warranty (excluding lamps and pilot lights).
- **HOUSING:** Heavy duty steel case with front access panel and gray enamel finish.
- MOUNTING: Conduit knockouts and rear keyhole mounting slots are provided. Mounting platform or bracket available.

• ELECTRONICS:

- ▶ Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust tight instantaneous transfer relay.
- Low voltage disconnect prevents overdischarge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- ▶ Two separately fused output circuits.

• CONTROLS:

- ▶ Red charge monitor LED indicates state of charge of the battery.
- Orange AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

• POWER REQUIREMENTS:

120/277 Vac, 60Hz, 0.3/0.15A.

APPLICATIONS

Designed for applications requiring highcapacity, maintenance-free batteries, multiple remote capability or extended operating times. The 12-volt battery allows for longer remote wiring runs without voltage drop.

BATTERY

12-volt maintenance-free sealed lead calcium.

ORDERING FORMAT

2 S12E 4 /L25 -G

1	2	3	4	<u>\$</u>	6	
1)—	- 2 (0,	1, 2,	3) N	lumber	of Hea	ads
2 —	- S12]	E	S	eries		
3—	- 4		C	apacity	y Indica	ator
4 —	- / L2 5	5	L	amp S	uffix	
<u> </u>	G.		G	ray En	amel F	inish
<u>6</u> —	- -V .		0	ption	(Voltme	eter)

OPTIONS (Add suffix to Model No.)

Voltmeter (Not available with diagnostics)V Ammeter (Not available with diagnostics)A
Disconnect SwitchDS**
Time Delay (12 min.) TD **
Improved DiagnosticsID*
Improved Diagnostics Non-AudibleIDNA*
3-wire Cord & Plug 3CP
3-wire Cord & Plug (277V) 3CP-277
Mist White Color (Replace -G by)M

^{*}S12E4 only

LAMP HEADS

PAR 36 size, high impact mar-resistant thermoplastic heads, furnished with high intensity incandescent lamps.

ACCESSORIES

(Order as eparate item

Crond (C19E4)	WCO I
Guard (S12E4)	
Guard (S12E 5/S12E6)	WG4-L
Mounting Platform (S12E4)	. MP-A
Mounting Platform (S12E5/6) MI	212-LA
Mounting Bracket (S12E4)	. MB -A







UNIT SELECTION CHART

Model No.					St				
Volts		of No 1-1/2 Hrs.		attery Vo 3 Hrs.	oltage 4 Hrs.	Watts / Head	Туре	Lamp Replace. No.	Cabinet
	2S12E4/L25-G	200	150	107	85	25	Incand.	570.0031	С
12	2S12E5/L25-G	300	225	165	127	25	Incand.	570.0031	D
	2S12E6/L25-G	400	300	214	170	25	Incand.	570.0031	D

 $^{{}^*}$ National Electrical Code Specification

DIMENSIONS Dimensions are approximate and subject to change.

Cabinet	a	b	С	d
С	18-3/8"	16-1/2"	7-1/4"	12-1/4"
D	18-3/8"	27"	7-1/4"	12-1/4"

^{**}Not required with ID/IDNA option.



SL, S12L Series

Industrial/Commercial Unit Equipment 6 or 12-Volt, Wet, Refillable Lead Acid Battery

Listed to UL 924 Standards

The SL, S12L Series features conventional styling in a high capacity, lead acid battery unit that delivers extended illumination times.



APPLICATIONS

Ideal for all industrial, commercial and institutional environments requiring extended illumination time, high capacity and remote capability.

BATTERY

6 or 12-volt Long Life wet refillable Lead acid battery in transparent plastic containers with visible gravity indicator.

ORDERING FORMAT

2	SL	9	/L25	-G	- V
1	2	3	4	5	6
1	2 (0, 1,	2, 3)	Numbe	r of H	eads
②—	SL		Series		
3	9		Capacit	y Indi	cator
4 —	/L25		Lamp S	Suffix	
<u> </u>	-G		Gray E	namel	Finish
			0ption		

OPTIONS (Add suffix to Model No.)

VoltmeterV
AmmeterA
Disconnect SwitchDS**
Time Delay (12 min.)TD**
Improved DiagnosticsID*
Improved Diagnostics Non-Audible -IDNA*
3-wire Cord & Plug3CP
3-wire Cord & Plug (277V)3CP-277
Mist White Color (Replace -G by)M

^{*2}SL3 only

LAMP HEADS

PAR 36 size, high impact mar-resistant thermoplastic heads, furnished with high intensity incandescent lamps.

ACCESSORIES

(Order as separate item)

Mounting Platform (SL)	MP -A
Mounting Bracket (6-Volt models only)	
Guard (Model SL)	WG3-L
Guard (Model S12L)	WG4-L
Mounting Platform (S12L)M	P12-LA







FEATURES

- **RELIABILITY:** The SL, S12L Series has a three-year full warranty (excluding lamps and pilot lights).
- HOUSING: Heavy duty steel case with front access panel has gray enamel finish.
- MOUNTING: Conduit knockouts and rear keyhole mounting slots are provided.

• ELECTRONICS:

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust tight instantaneous transfer relay.
- Low voltage disconnect prevents overdischarge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- ▶ Two separately fused output circuits.

• CONTROLS:

- Red charge monitor LED indicates state of charge of the battery.
- Orange AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

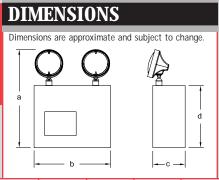
• POWER REQUIREMENTS:

▶ 120/277 Vac, 60Hz, 0.3/0.15A.

UNIT SELECTION CHART

		Model No.			87-1/29		S			
	Volts	(Unit/Lamp Suffix)	of No. 1-1/2 Hrs.	minal Ba 2 Hrs.	attery Vo 3 Hrs.	oltage 4 Hrs.	Watts/ Head	Туре	Lamp Replace. No.	Cabinet
	6	25L3/L25-G	100	80	50	40	25	Incand.	570.0038	С
		25L9/L25-G	200	150	125	100	25	Incand.	570.0038	С
		25L105/L25-G	200	200	175	125	25	Incand.	570.0038	С
	12	2512L9/L25-G	350	300	250	200	25	Incand.	570.0031	D
	12	2512L105/L25-G	400	400	300	250	25	Incand.	570.0031	D

^{*}National Electrical Code Specification



Cabinet a		b	С	d	
C	18-3/8"	16-1/2"	7-1/4"	12-1/4"	
D	18-3/8"	27"	7-1/4"	12-1/4"	

^{*}Not required with ID/IDNA option





SN, S12N Series

Industrial/Commercial Unit Equipment 6 or 12-Volt, Wet, Refillable Nickel-Cadmium Battery

Listed to UL 924 Standards

The SN, S12N Series offer the highest and widest in capacity as well as the highest battery reliability. Able to withstand temperature fluctuations and provide extended illumination times, these units can also be connected to remote heads or exits.

FEATURES

- **RELIABILITY:** The SN, S12N Series has a three-year full warranty (excluding lamps).
- **HOUSING:** Heavy duty steel case with front access panel and gray enamel finish.
- MOUNTING: Conduit knockouts and rear keyhole mounting slots are provided. Mounting platform or bracket available.

• ELECTRONICS:

- Automatic, temperature-compensated, pulse-type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Labor-saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Automatic brownout protection is provided.
- Two separately fused output circuits.

• CONTROLS:

- Red charger monitor LED indicates state of charge of the battery.
- ♦ Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

• POWER REQUIREMENTS:

▶ 120/277 Vac, 60Hz, 0.3/0.15A.

APPLICATIONS

Excellent high capacity units ideal where extended burn times may be required, and/or remote fixtures or exits will be connected. Unit offers special advantages of the long life wet, refillable Nickel-Cadmium battery including excellent recharging capability, and superior performance over extended temperature ranges.

ORDERING FORMAT

2	211	4	/ L &3	-G	- v	
1	2	3	4	5	6	
①— 2	(0, 1, 2)	2, 3)	No. of I	leads		
②— SN	۱		Series			
₃— 4			Capacity	y Indio	cator	
⊕ — /I	25		Lamp Si	uffix		
⑤— -G					amel I	inish
6	·		Options	(Voltn	neter)	

ACCESSORIES

(Order as

Guard (Model SN)	WG3-L
Guard (Model S12N)	WG4-L
Mounting Platform (Model SN)	
Mounting Platform (Model S12N) M	
Mounting Bracket (Model SN only)	

BATTERY

6 or 12-volt high performance Nickel-Cadmium battery in translucent plastic

LAMPS HEADS

PAR 36 size, high impact mar-resistant thermoplastic heads, furnished with high intensity incandescent lamps.

Note: Optional lamps available.

OPTIONS (Add suffix to Model No.)

VoltmeterV
AmmeterA
Disconnect Switch
Time Delay (12 min.)
3-wire Cord & Plug3CP
3-wire Cord & Plug (277V)3CP-277
Mist White Color (Replace "-G" by)M

Dimensions are approximate and subject to change.

b

16-1/2"

27"

UNIT SELECTION CHART

	Model No.	amp of Nominal Battery Voltage			Sta				
Volts					Watts/Head	Туре	Lamp Replace. No.	Cabinet	
	2SN2/L25-G	50	45	25	18	25	Incand.	570.0038	C
6	2SN3/L25-G	70	60	35	25	25	Incand.	570.0038	C
	2SN4/L25-G	100	80	50	35	25	Incand.	570.0038	C
	2SN6/L25-G	130	105	70	50	25	Incand.	570.0038	С
	2SN7/L25-G	160	130	80	60	25	Incand.	570.0038	С
	2S12N2/L25-G	100	90	64	50	25	Incand.	570.0031	D
12	2S12N3/L25-G	140	130	90	70	25	Incand.	570.0031	D
	2S12N4/L25-G	200	166	120	90	25	Incand.	570.0031	D
	2S12N6/L25-G	260	210	150	112	25	Incand.	570.0031	D
	2S12N7/L25-G	320	278	200	150	25	Incand.	570.0031	D



18-3/8"

18-3/8"

Cabinet

DIMENSIONS



7-1/4"

7-1/4"

12-1/4'

12-1/4"

^{*}National Electrical Code Specification