



High-Lites

Emergency Lighting Products

*City Of
Chicago
Approved*



High-Lites is a Philips group brand

PHILIPS

CHICAGO PRODUCTS

NB-C Series

Low Profile Steel Unit



Features

- Heavy gauge steel cabinet in neutral cream finish
- Fully adjustable all metal lighting heads with 12 watt halogen sealed beam type lamps
- Maintenance-free lead calcium battery standard
- Optional nickel cadmium battery available
- 90 Minutes of emergency illumination
- Universal 120/277VAC input
- Fully automatic, temperature compensating, variable rate float charger standard
- Automatic low voltage battery disconnect protects battery from deep discharge
- Automatic brownout protection
- AC lockout feature reduces installation time
- Optional self-diagnostic circuit available
- Momentary test switch and AC ready indicator
- Meets NFPA Life Safety Code 101, NEC, OSHA and City of Chicago codes
- UL924 listed

Ordering Guide

Model No.	Volts	Watts For 1.5 Hrs.	Standard Lamp	Weight (Lbs.)
Lead Calcium Battery Models				
NB-3-C	6	26	12W Hal. (-08)	10
Nickel Cadmium Battery Models				
NBN-3-C	6	26	12W Hal. (-08)	10

NOTE: All product specifications shown are subject to change without notice.

Options ⁽¹⁾⁽²⁾

Add Suffix	Description
-V	Voltmeter ⁽³⁾
-A	Ammeter ⁽³⁾
-LC1	3-Conductor Line Cord - 120VAC
-B	Black Finish - Housing and Lighting Heads
-SP	Special Paint Finish - Specify Color
-SX	Self-Diagnostic Circuit

(1) Other options available. Consult factory.

(2) Some options may impact product UL listing. Consult factory.

(3) Unit has provisions for one meter option only.

Accessories

Order Model	Description
PG-5	Wire Guard
B-1	Mounting Bracket
S-2	Mounting Shelf
VERS	Vandal/Environmental Shield
VERS-4X	Vandal/Environmental Shield with Gasket

Dimensions

12¹/₄" (31.1cm) L x 6¹/₄" (15.9cm) W x 10³/₄" (27.3cm) H (Max.)

Sears Tower (center)



CHICAGO PRODUCTS

RL-C Series

High Capacity Steel Units



Features

- 6 and 12 volt models
- Heavy gauge steel cabinet in neutral cream finish
- Fully adjustable all metal lighting heads with 12 watt halogen sealed beam type lamps
- Standard maintenance-free lead calcium battery
- Optional nickel cadmium battery available
- 90 Minutes of emergency illumination
- Universal 120/277VAC input
- Fully automatic, temperature compensating, variable rate float charger standard
- Automatic low voltage battery disconnect
- Automatic brownout protection
- AC lockout feature reduces installation time
- Optional self-diagnostic circuit available
- Momentary test switch and AC ready indicator
- Meets NFPA 101, NEC, OSHA and City of Chicago codes
- UL924 listed



Union Station

Ordering Guide

Model No.	Volts	Watts For 1 1/2 Hrs.	Standard Lamp	Weight (Lbs.)
Lead Calcium Battery Models				
RL-7-C	6	32	12W Hal. (-08)	12
RL-9-C	6	52	12W Hal. (-08)	16
12RL-18-C	12	104	12W Hal. (-54)	27
Nickel Cadmium Battery Models				
RLN-5-C	6	26	12W Hal. (-08)	12
12RLN-12-C	12	30	12W Hal. (-54)	12
12RLN-14-C	12	52	12W Hal. (-54)	16
Options ⁽¹⁾⁽²⁾				
Add Suffix	Description			
-V	Voltmeter ⁽³⁾			
-A	Ammeter ⁽³⁾			
-A1H	Add One Lighting Head (RL-9-C & 12RL-18-C models only)			
-LC1	3-Conductor Line Cord (120V)			
-TD1	15-Minute Re-transfer Time Delay (120V)			
-TD2	15-Minute Re-transfer Time Delay (277V)			
-SX	Self-Diagnostic Circuit (6 and 12V models only)			
-B	Black Finish - Housing and Lighting Heads			
-SP	Special Paint Finish - Specify Color			
Accessories				
Order Model	Description			
B-1	Mounting Bracket			
S-1	Mounting Shelf (RL-7-C model)			
S-2	Mounting Shelf (RL-9-C model)			
S-3	Mounting Shelf (12RL-18-C model)			
PG-1	Wire Guard (RL-7-C and RL-9-C models)			
PG-2	Wire Guard (12RL-18-C model)			
908-W-08	Matching Remote Head-Single (6V, 12W Halogen)			
908-W-54	Matching Remote Head-Single (12V, 12W Halogen)			
909-W-08	Matching Remote Head-Double (6V, 12W Halogen)			
909-W-54	Matching Remote Head-Double (12V, 12W Halogen)			

NOTE: All product specifications shown are subject to change without notice.

(1) Other options available. Consult factory.

(2) Some options may impact product UL listing. Consult factory.

(3) Unit has provisions for one meter option only.

Dimensions

RL-7-C: 9" (22.9cm) L x 27/8" (7.3cm) W x 147/8" (37.8cm) H (Max.)
RL-9-C: 12 1/4" (31.1cm) L x 27/8" (7.3cm) W x 15" (38.1cm) H (Max.)
12RL-18-C: 12 1/4" (31.1cm) L x 41/8" (10.5cm) W x 15" (38.1cm) H (Max.)

CHICAGO PRODUCTS

GC-C Series

Recessed Troffer Units



Features

- Heavy gauge steel cabinet in neutral cream finish
- Fast, easy drop-in installation
- Fully adjustable all metal lighting heads with 12 watt halogen sealed beam type lamps
- Maintenance-free lead calcium battery standard
- Optional nickel cadmium battery available
- 90 Minutes of emergency illumination
- Universal 120/277VAC input
- Fully automatic, temperature compensating, variable rate float charger standard
- Automatic low voltage battery disconnect protects battery from deep discharge
- Automatic brownout protection
- AC lockout feature reduces installation time
- Optional self-diagnostic circuit available
- Momentary test switch and AC ready indicator
- Meets NFPA 101, NEC, OSHA and City of Chicago codes
- UL924 listed



Chicago Institute of Art

Ordering Guide

Model No.	Volts	Watts For 1 1/2 Hrs.	Standard Lamp	Weight (Lbs.)
Lead Calcium Battery Models				
GC-1-C	6	26	12W Hal. (-08)	15
GC-2-C	6	52	12W Hal. (-08)	19
Nickel Cadmium Battery Models				
GCN-1-C	6	26	12W Hal. (-08)	15

NOTE: All product specifications shown are subject to change without notice.

Options ⁽¹⁾⁽²⁾

Add Suffix	Description
-V	Voltmeter ⁽¹⁾
-A	Ammeter ⁽¹⁾
-B	Black Finish - Lighting Heads and Trim Plate
-SP	Special Paint Finish - Specify Color
-A1H	Three Factory Installed Lighting Heads (GC-2-C only)
-A2H	Four Factory Installed Lighting Heads (GC-2-C only)
-SX	Self-Diagnostic Circuit

⁽¹⁾ Other options available. Consult factory.

⁽²⁾ Some options may impact product UL listing. Consult factory.

⁽³⁾ Unit has provisions for one meter option only.

Accessories

Order Model	Description
908-W-08	Matching 6 Volt Remote Head-Single (6V, 12W)
908-W-08	Matching 6 Volt Remote Head-Double (6V, 12W)

Dimensions

Trim Plate: 22 3/4" (60.3cm) L x 4 3/4" (12.1cm) W x 7" (17.8cm) H (Max.)
 Back Box: 25 3/8" (64.5cm) L x 4 1/4" (10.8cm) W x 6 3/4" (17.1cm) H

XC-R-C Series

Recessed Wall or Ceiling Unit



Features

- Heavy gauge steel cabinet and trim in neutral cream finish
- Easy recessed installation in walls or ceilings
- All metal fully adjustable lighting heads with 12 watt halogen sealed beam type lamps
- Maintenance-free lead calcium battery standard
- Optional nickel cadmium battery available
- 90 Minutes of emergency illumination
- Universal 120/277VAC input
- Fully automatic, temperature compensating, variable rate float charger standard
- Automatic low voltage battery disconnect protects battery from deep discharge
- Automatic brownout protection
- AC lockout feature reduces installation time
- Optional self-diagnostic circuit available
- Momentary test switch and AC ready indicator
- Meets NFPA 101, NEC, OSHA and City of Chicago codes
- UL924 listed

Ordering Guide

Model No.	Volts	Watts For 1 1/2 Hrs.	Standard Lamp	Weight (Lbs.)
Lead Calcium Battery Models				
XC-R-5-C	6	26	12W Hal. (-08)	13
Nickel Cadmium Battery Models				
XCN-R-5-C	6	26	12W Hal. (-08)	13

NOTE: All product specifications shown are subject to change without notice.

Options ⁽¹⁾⁽²⁾

Add Suffix	Description
-V	Voltmeter ⁽³⁾
-A	Ammeter ⁽³⁾
-B	Black Finish - Lighting Heads and Trim Plate
-SP	Special Paint Finish - Specify Color
-SX	Self-Diagnostic Circuit

(1) Other options available. Consult factory.

(2) Some options may impact product UL listing. Consult factory.

(3) Unit has provisions for one meter option only.

Accessories

Order Model	Description
PG-1	Wire Guard

Dimensions

Trim Plate: 13" (33.0cm) L x 9 1/4" (23.5cm) W x 7" (17.8cm) H (Max.)
 Back Box: 10 5/8" (27.0cm) L x 8 1/4" (21.0cm) W x 3 1/2" (8.9cm) H

Millennium Park Cloud Gate



CHICAGO PRODUCTS

AG-1-C Series

Recessed Gimbal Unit



Features

- Very low profile design
- Rugged steel housing and trim ring in white finish
- Mounting plate allows fast, easy installation in suspended T-grid or drywall ceilings
- 12 watt halogen sealed beam lighting head
- Maintenance-free lead calcium battery standard
- 90 Minutes of emergency illumination
- Universal 120/277VAC input
- Fully automatic, temperature compensating, variable rate float charger standard
- Automatic low voltage battery disconnect and brownout protection
- AC lockout feature reduces installation time
- Momentary test switch and AC ready indicator
- Meets NFPA 101, NEC, OSHA and City of Chicago codes
- Meets CCEA plenum rating requirements
- UL924 listed

Ordering Guide

Model No.	Volts	Watts For 1 1/2 Hrs.	Standard Lamp	Weight (Lbs.)
AG-1-C	6	12	12W Hal. (-18)	8

NOTE: All product specifications shown are subject to change without notice.

Options ⁽¹⁾⁽²⁾

Add Suffix	Description
-B	Black Finish
-SP	Special Paint Finish - Specify Color

(1) Other options available. Consult factory.

(2) Some options may impact product UL listing. Consult factory.

Dimensions

Trim Ring Diameter: 8 1/2" (21.6cm)

Mounting Assembly: 12 3/4" (32.4cm) L x 7 3/4" (19.7cm) W x 7 1/2" (19.1cm) H

Old Chicago Water Tower



CHICAGO PRODUCTS

XFO/RXFO-C Series

Fluorescent Edge-Lite Exit Signs



Features

All Models

- Surface and recess mount models
- AC only and emergency models
- Heavy gauge steel housings
- Bright white finish standard
- Choice of four optional finish colors
- F8T5 fluorescent AC lamps
- 10,000 hour lamp life
- Acrylic exit panel
- Single or double face models

Emergency Models

- Universal 120/277VAC field selectable input
- 100% solid state switching circuit
- 90 minutes of emergency illumination
- Solid-state charging circuit
- Maintenance free lead calcium battery
- Automatic low voltage battery disconnect
- AC Lockout feature reduces installation time
- Momentary test switch and LED status indicator
- Meets NFPA 101, NEC, OSHA and City of Chicago codes
- Meets CCEA plenum rating requirements
- UL924 listed

Ordering Guide

BP-RXFO	-2	C	-RW	-20	T5	-IA
Number of Exit Faces -1 Single Face Wall Mount -2 Single Face Ceiling or End Mount * -3 Double Face Ceiling or End Mount * * End mount applicable to surface mount models only.		Letter Color -RW = Red (White Background) Chicago Approved		Options (See below) Lamp Type		
Surface Mount Models XFO = AC Only Exit BP-XFO = Emergency Exit Recess Mount Models RXFO = AC Only Exit BP-RXFO = Emergency Exit		Exit Face Designator Single Face Models -3 = EXIT (No Arrow) -6 = EXIT (Right Arrow) -9 = EXIT (Left Arrow) -12 = EXIT (Double Arrow) -2 = STAIRS (No Arrow) -5 = STAIRS (Right Arrow) -8 = STAIRS (Left Arrow) -11 = STAIRS (Doub. Arrow)		Double Face Models -18 = EXIT (No Arrow) -21 = EXIT (Right or Left Arrow) -24 = EXIT (Double Arrow) -17 = STAIRS (No Arrow) -20 = STAIRS (Right or Left Arrow) -23 = STAIRS (Double Arrow)		

NOTE: All product specifications shown are subject to change without notice.

Options ⁽¹⁾⁽²⁾

Add Suffix	Description
-BK	Black Finish (surface and recess models)
-DB	Dark Bronze Finish (surface and recess models)
-PB	Polished Brass Trim Finish (recess models only)
-BA	Brushed Aluminum Trim Finish (recess models only)
-277	277VAC, 60Hz. Input (AC models only)
-SX	Self-Diagnostic Circuit (emergency models only)
-TC11	Two-Circuit Input (120VAC)
-TC12	Two-Circuit Input (277VAC)
-IA	Audible Intermittent Alarm (emergency models only)
-IV	Visual Intermittent Alarm (emergency models only)
-FA	Fire Alarm Panel Interface
-TP	Tamper-Proof Screws and Driver Bit

(1) Other options available. Consult factory.

(2) Some options may impact product UL listing. Consult factory.

Dimensions

Surface Mount: 14" (35.6cm) L x 4 1/8" (10.5cm) W x 13 5/8" (34.6cm) H
 Recessed Ceiling: 15" (38.1cm) L x 4 5/8" (11.7cm) W x 9 1/2" (24.1cm) H
 Recessed Wall: 15" (38.1cm) L x 3/4" (1.9cm) W x 11 1/2" (29.2cm) H

Navy Pier Amusement Park



CHICAGO PRODUCTS

LED-XFO/RXFO-C Series

LED Edge-Lite Exit Signs



Features

All Models

- Surface and recess mount models
- AC only and emergency models
- Heavy gauge steel housings
- Bright white finish standard
- Choice of four optional finish colors
- High output, long life white LED lamps
- Acrylic exit panel
- Single or double face models
- Universal 120/277VAC field selectable input

Emergency Models

- 100% solid state switching circuit
- 90 minutes of emergency illumination
- Solid-state charging circuit
- Maintenance free lead calcium battery
- Automatic low voltage battery disconnect
- AC Lockout feature reduces installation time
- Momentary test switch and LED status indicator
- Meets NFPA 101, NEC, OSHA and City of Chicago codes
- Meets CCEA plenum rating requirements
- UL924 listed

Ordering Guide

LED-BP-RXFO	-2	C	-RW	-21	-SX
Surface Mount Models LED-XFO = AC Only Exit LED-BP-XFO = Emergency Exit Recess Mount Models LED-RXFO = AC Only Exit LED-BP-RXFO = Emergency Exit			Letter Color -RW = Red Letters on White Background		Options (See below)
		Chicago Approved			
Number of Exit Faces -1 = Single Face Wall Mount -2 = Single Face Ceiling or End Mount * -3 = Double Face Ceiling or End Mount *			Exit Face Designator Single Face Models -3 = EXIT (No Arrow) -6 = EXIT (Right Arrow) -9 = EXIT (Left Arrow) -12 = EXIT (Double Arrow) -2 = STAIRS (No Arrow) -5 = STAIRS (Right Arrow) -8 = STAIRS (Left Arrow) -11 = STAIRS (Doub. Arrow)	Double Face Models -18 = EXIT (No Arrow) -21 = EXIT (Right or Left Arrow) -24 = EXIT (Double Arrow) -17 = STAIRS (No Arrow) -20 = STAIRS (Right or Left Arrow) -23 = STAIRS (Double Arrow)	

NOTE: All product specifications shown are subject to change without notice.

Options ⁽¹⁾⁽²⁾

Add Suffix	Description
-BK	Black Finish (surface and recess models)
-DB	Dark Bronze Finish (surface and recess models)
-PB	Polished Brass Trim Finish (recess models only)
-BA	Brushed Aluminum Trim Finish (recess models only)
-277	277VAC, 60Hz. Input (AC models only)
-SX	Self-Diagnostic Circuit (emergency models only)
-TC1	Two-Circuit Input (120VAC)
-TC2	Two-Circuit Input (277VAC)
-IA	Audible Intermittent Alarm (emergency models only)
-IV	Visual Intermittent Alarm (emergency models only)
-FA	Fire Alarm Panel Interface
-TP	Tamper-Proof Screws and Driver Bit

(1) Other options available. Consult factory.

(2) Some options may impact product UL listing. Consult factory.

Dimensions

Surface Mount: 14" (35.6cm) L x 4 1/8" (10.5cm) W x 13 5/8" (34.6cm) H
 Recessed Ceiling: 15" (38.1cm) L x 4 5/8" (11.7cm) W x 9 1/2" (24.1cm) H
 Recessed Wall: 15" (38.1cm) L x 3/4" (1.9cm) W x 11 1/2" (29.2cm) H

Chicago Library



CHICAGO PRODUCTS

Inverter Power Systems

PCF Series

Mini Inverter Systems



Features

- For powering Incandescent or fluorescent fixtures
- Unit capacities 9 watts to 250 watts
- Unit can be located up to 1000 feet from fixture(s)
- Surface, recessed or ceiling grid mounted models
- Universal 120 or 277 VAC input/output
- Fused output load connections
- Lumen output from fixture is 91% of nominal
- Unique design eliminates compatibility issues with fluorescent ballasts
- Compatible with dimming ballasts
- Emergency fixtures can be powered for normally-on, normally-off or switched operation
- Solid state, line latched low voltage disconnect provides protection against battery deep discharge
- Long life, maintenance free lead calcium battery
- Test switch and AC ready indicator light
- Meets NFPA 101, OSHA, NEC and State Codes
- UL 924 listed

PFT Series

Fast Transfer Single-Phase Inverter Systems



Features

- Pulse Width Modulated (PWM) inverter design
- "Off line" operation for increased reliability and efficiency
- No break 1ms transfer time
- Digitally controlled sinusoidal waveform output
- 300, 400 and 600 watt models
- Compatible with all HID and electronic ballasts
- Can be located hundreds of feet from loads
- 98% on-line efficiency rating at full load typical
- Available in 120 and 277VAC models
- Harmonic distortion <3%
- Load power factor range .5 lead to .5 lag
- Backup generator compatible
- 5 LED monitoring display
- 90 minute operation standard
- Maintenance-free lead calcium battery standard
- 68°F to 86°F (20°C to 30°C) operating range
- Meets NFPA 101, NEC, OSHA and State codes
- UL924 listed

PCF-FT Series

Modular Design, Fast Transfer Inverter Systems



Features

- Pulse Width Modulated/MOSFET technology
- Low Total Harmonic Distortion (THD)
- "Off-Line" design provides 98% efficiency
- Compatible with HID, fluorescent, incandescent and low-voltage lighting
- Models from 500VA to 2kVA
- Floor standing or wall mountable
- Completely modular design
- Field upgradeable in 500VA increments
- 40-character display with touch pad controls
- User-programmable functions
- Self-testing/self-diagnostic operation
- Alarm, Event and Test logs stored in memory
- Maintenance-free lead calcium battery
- Input and output circuit breaker protection
- Built-in circuit breaker access panel and DC switch
- Meets NFPA 101, OSHA, NEC, and State Codes
- UL 924 listed

HFT and H3FT Series

Fast Transfer Single-Phase and Three-Phase Inverter Systems



HFT Series
Single-Phase
Models

H3FT Series
Single-Phase
Models

Features

- Pulse Width Modulated inverter design with IGBT technology
- "Off line" operation for increased reliability and efficiency
- No break 2ms transfer time
- Self-testing/self-diagnostic operation
- 97% efficiency rating at full load
- Harmonic distortion <10%
- Load power factor range .5 lead to .5 lag
- 1.5 kVA to 16.7 kVA single-phase HFT models
- 4.8 kVA to 50 kVA three-phase H3FT models
- Compatible with HID and electronic ballasts
- Backup generator compatible
- Microprocessor controlled, 20 character display with touch pad controls and functions
- User programmable functions
- Input circuit breaker standard
- RS-232 communications port
- 90 minute operation, alternate run times available
- Maintenance-free lead calcium battery standard
- Optional long life lead calcium and wet-cell nickel cadmium batteries
- 32°F to 104°F (0°C to 40°C) operating range
- Meets NFPA 101, NEC, OSHA, and state codes
- UL924 listed

H CHICAGO PRODUCTS



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