

FLUORESCENT



30 Emergency Series *Rustproof Vandal-Resistant Wall/Ceiling Luminaire* 14 Watts Maximum

The 30 Emergency Series is designed for use where a stylish, vandal-resistant luminaire is required to operate efficiently during normal operation and/or to provide a reliable back-up power source during power failure. Includes a maintenance-free battery with exterior test switch and charging indicator light. **Rustproof.** Engineered with components and materials offering **high resistance to corrosion and impact.** Smooth exterior surface for ease of cleaning and rounded corners for added strength and safety. A variety of lens styles in decorator colors, and a choice of ceiling, horizontal, or vertical mountings make this luminaire extremely versatile. Ideally suited as security lighting for schools, motels, hospitals, condominiums; and industrial, commercial, and government buildings.

Specifications

Lens: Injection molded with prismatic interior of UV-stabilized **polycarbonate** in an average 1/8" thickness. Selections include clear prismatic or opal white. Stylish single-end, double-end, or horizontal painted side lens in Black, White, or Bronze. Housing color matches painted lens color.

Base Plate: **Rustproof** .063" 5052 H-32 tempered marine-grade aluminum.

Housing: Injection molded UV-stabilized reinforced **polycarbonate** in Black, White, or Bronze to match painted lens color. Includes three knockouts suitable for 1/2" conduit (left side, right side, rear only).

Gasket: Closed-cell neoprene rubber in 1/8" thickness creates a tight seal against contaminants.

Socket: Two-pin type with leads insulated for 105°C.

Lamp: (Optional) High efficiency PL Lamp(s) offer up to ten times longer life and 70% energy savings over incandescent lamps.

Reflector: Injection molded of glossy white UV-stabilized **polycarbonate**. Produces high lumen output and light distribution.

Ballast: Class P, self-start preheat type in Normal Power Factor for 120 Volts. 9 watt luminaire available with NPF 277V.

Battery: Nickel cadmium battery is maintenance free with a life expectancy of 7-10 years and a 90-minute emergency operating time. Exterior indicator light reveals that battery is charging during normal operation of luminaire. During power interruption, one lamp will switch to battery operation. When A.C. power is restored, the lamp(s) are switched back to the ballast and the battery is recharged within 24 hours. Note: One lamp can be wired to operate only during power interruption (see options).

Hardware: Two stainless steel 8-32 phillips truss head screws or tamperproof screws (TORX® type) attach lens to base plate. Mounting hardware included.

ETL Listed for Emergency or Emergency Wet Locations

All polycarbonate components meet Underwriters Laboratories 746C tests for polymeric material and carry a flammability rating of 94HB or better on lenses and the superior 94-5V rating on housings.

Luminaire Type _____
Catalog Number _____
Job Name _____
Approval _____



30-S-EMERGENCY-OW-HW



30-OW-EM



30-S-OW LENS



30-HZ-S-CP



30-D-CP LENS

WF Harris Lighting

Innovative Lighting Designs Since 1970

P.O. Box 5023, Monroe, NC 28111-5023, USA

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"A Live Operator Company Standing Ready to Serve Your Lighting Needs"

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Ordering Information (Fill In Blanks For Complete Catalog Number)

Model	Lens Color	Painted Lens Color	Housing Color	Watts/Lamp	Power Factor	Volts	Options
Model	Lens Color	Painted Lens Color	Housing Color	Watts/Lamp	Power Factor	Volts	Options
30	CP-Clear Prismatic	BK-Black	HK-Black ³	9 PL	NPF	120	LP-Lamp
30-S ⁴	OW-Opal White	WH-White	HW-White ³	13 PL		277 ^{1,2}	TPS-Tamperproof Screws
30-D ⁴		BZ-Bronze	HB-Bronze ³	2-7 PL ⁵			FS-Fuse and Holder
30-HZ-S ⁴				2-9 PL ⁵			W-Wet Location Emergency Unit
							GRAPHICS-Numbers, Letters, Symbols, Logos
							EM (1 or 2 lamp luminaire)- All lamps operate during normal conditions, one lamp operates during emergency
							EMO(1 lamp luminaire)-One lamp only operates during emergency
							EMO1 (2 lamp luminaire)- One lamp operates during normal conditions, one lamp operates during emergency

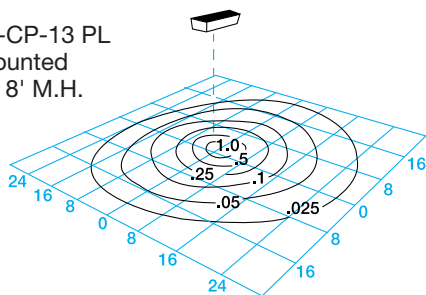
Accessories (Order Separately)

TPT-Tamperproof Screwdriver 

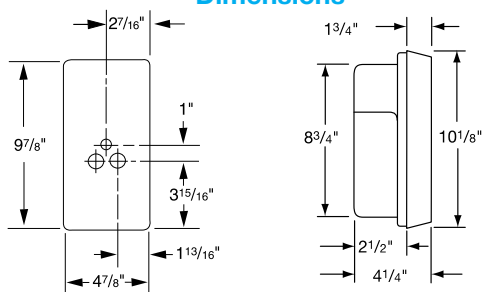
- 1 Reflectors not available.
- 2 9-PL luminaire only.
- 3 Painted Lens Color Determines Housing Color
- 4 Specify Painted Lens Color— BK (Black), WH (White), or BZ (Bronze)
- 5 Available in EM01 only.

Light Distribution Pattern

Model 30-CP-13 PL
Ceiling Mounted
Based On 8' M.H.



Dimensions



Fluorescent Lamp Performance

	9 Watt Twin Tube	13 Watt Twin Tube
Input Watts	13W	17W
Initial Lumen Output	600	900
EM Lumen Output	475	625
Lamp Life (Hours)	10,000	10,000
Min. Starting Temperature (AC Conditions)	25°F	32°F
Min. Starting Temperature (DC Conditions)	32°F	32°F

LENS, HOUSING, AND ALUMINUM BASE
PLATE CARRY A LIFETIME GUARANTEE.

MADE IN USA 

Conversion Tables

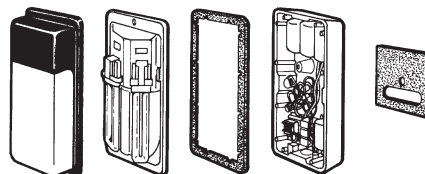
Lamp	Lamp Conversion Factor (LCF)		Height Conversion Factor (HCF)	
	Wall Mount	Ceiling Mount	6'	1.77
13 PL	.75	1.00	7'	1.30
2-7 PL	.67	.89	8'	1.00
9 PL	.50	.67	9'	.79
2-9 PL	1.00	1.33	10'	.64

Using Conversion Tables

TO ADJUST FOOTCANDLES (FC) SHOWN IN DIAGRAM AT LEFT, USE ONE OF THE FOLLOWING FORMULAS WITH LAMP CONVERSION FACTOR (LCF) AND HEIGHT CONVERSION FACTOR (HCF):

- FC x LCF = FC with alternate lamp
- FC x HCF = FC at alternate height
- FC x LCF x HCF = FC with alternate lamp at alternate height

Exploded View



Specifications Subject to Change Without Notice.

Luminaire is Warranted to be Free of Defects in Materials and Workmanship for One Year From Invoice Date.

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