

FLUORESCENT

80-WP PLT Series
8⁷/₈" Square

Rustproof Vandal-Resistant Wall Luminaire
42 Watts Maximum - Electronic
Lamp and Ballast System



The lens, lamp orientation, and internal reflector in this wall-pack luminaire are designed to produce optimal light directly in front of and along building walls. Engineered with materials offering **high resistance to impact, rust, and corrosion.**

The **polycarbonate** housing is lightweight for easy installation and is totally non-conductive for safety during installation and relamping. Smooth exterior lens allows ease of cleaning, clear prismatic interior for optimal lumen output, rounded corners for increased impact strength and safety. Ideally suited as security or aesthetic lighting for the interior/exterior walls of commercial and industrial buildings, schools, hospitals, public housing, and government installations. **The minimum starting temperature for the ballast is -20°F (-30°C).**

Specifications

Lens: One piece injection molded UV-stabilized **polycarbonate**. Average thickness is 1/8". Smooth exterior surface allows ease of cleaning, clear prismatic interior provides optimal light output, and rounded corners increase impact strength and user safety. Masked in bronze or white, high-temperature, weather-resistant polyurethane paint.

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

Housing: Injection molded UV-stabilized reinforced bronze or white **polycarbonate**. Rear knockout for supply wire. Available with up to four threaded connections and plugs suitable for 1/2" conduit (specify connection positions).

Gasket: Lens gasket and mounting gasket are closed-cell neoprene rubber.

Socket: Four pin. Rated at 75W, 600V for GX24Q base.

Reflector: Highly reflective anodized aluminum finish.

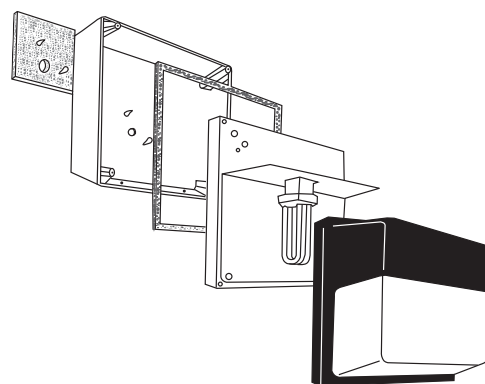
Lamp: PLT four pin.
(Optional)

Ballast: Electronic P rated, HPF. 120V through 277V, or 347V. Starting temperature is -20°F (-30°C). 50 or 60 Hz.

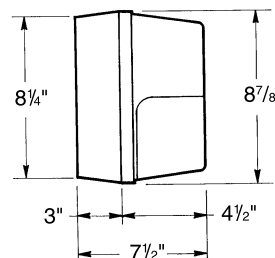
Hardware: Four stainless-steel 8-32 phillips truss head screws or tamperproof screws (TORX® type) attach lens to base plate.



Exploded View



Dimensions



ETL-USA and ETL-C Listed For 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 _____

WF Harris Lighting

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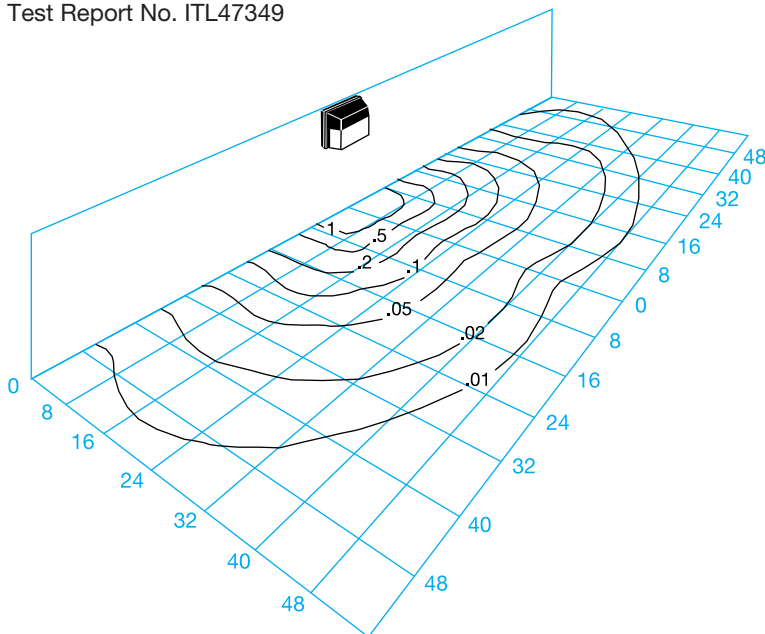
Ordering Information (Fill In Blanks For Complete Catalog Number)

80-WP Model	Housing	Watts-Lamp	HPF Power Factor	Volts	Options	Conduit Connections
Model	Housing	Watts/ Lamp	Power Factor	Volts	Options	Conduit Connections (80H Required)
80-WP	HB-Bronze HW-White	18 PLT 26 PLT 32 PLT 42 PLT	HPF	120-277 347	LP-LAMP PC-Photo Control (80B Required) EM-(1 Lamp) One Lamp Operates Full Time and During Emergency (Listed for Wet Location) EMO-(1 Lamp) One Lamp Only Operates During Emergency (Listed for Wet Location) TPS-Tamperproof Screws FS-Fuse and Holder	CRS-Right Side CLS-Left Side CT-Top CB-Bottom C4-All (Positions Based on Facing Fixture)

Accessories (Order Separately)
TPT-Tamperproof Screwdriver 

Light Distribution Patterns

Model 80-WP-1-26W PLT
Wall Mounted 8' M.H.
Test Report No. ITL47349



Conversion Tables

Lamp	Lamp Conversion Factor	Mounting Height	Height Conversion Factor
18 PLT	.67	8'	1.00
26 PLT	1.00	10'	.64
32 PLT	1.33	12'	.44
42 PLT	1.76		

Using Conversion Table

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

$$\begin{aligned} \text{FC} \times \text{LCF} &= \text{FC with alternate lamp} \\ \text{FC} \times \text{HCF} &= \text{FC at alternate height} \\ \text{FC} \times \text{LCF} \times \text{HCF} &= \text{FC with alternate lamp at alternate height} \end{aligned}$$

Fluorescent Lamp Performance

	Input Watts	Lumen Output	Lamp Life (Hours)
18 PLT	20W	1,200	10,000
26 PLT	29W	1,800	10,000
32 PLT	36W	2,400	10,000
42 PLT	46W	3,200	10,000

Specifications Subject to Change Without Notice

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

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

MADE IN  USA

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