



P25 SERIES

Aesthetic Classic-design Fluorescent High-Bay

Product Description

The P25 offers the classic look of the standard high bay prismatic fixture. Finally, an energy efficient solution that fits and looks the part. This fixture can effectively replace the entire low to mid-wattage High Intensity Discharge fixture field - providing the same appearance but using a fraction of the energy. Looking for the light output equivalent of an High Intensity Discharge fixture from 150 to 400 Watts - this fixture is up for the challenge!

This fixture's high transmission lens allows for exceptional light distribution and an uplight component. The P25 offers the superior light quality of fluorescent and the added benefit from instant on/off capabilities.

Applications include: Supermarkets, Retail Stores, Schools, Showrooms, and Gymnasiums with the optional polycarbonate lens option.

Heat Dissipation – Venting is incorporated into the ballast enclosure to allow for heat dissipation. Creative design and contemporary slotted cap adds functionality to this fixture. Proper ventilation is a key component to extending lamp and ballast life. The P25 allows for maximum heat dissipation through the top fixture cap, which is also the housing for the ballast components.

Light Distribution – The P25's fixture design provides a wide distribution pattern — excellent for use in general or open areas. An uplight component creates uniform ceiling illumination.

Mounting Methods

P25 fixtures offer flexible mounting methods that most commonly include: pendant and hook mounting

Hanging Options Include:

- Pendant Mount [Mounting holes provided in the housing] (Standard)
- Hook Mount [Hook with Safety Screw] (Optional)

Product Construction

The P25 fixture housing is brake formed from heavy gauge cold rolled steel.

Finish Standard finish on this fixture's housing is baked white enamel. Uniquely, this fixture can be customized to match your corporate colors or any desired retail design features. Pick from hundreds of colors or supply your own Pantone Color swatch.

Optical Reflector/Lens: Precision clear acrylic reflector and acrylic bottom drop lens are standard. Optional reflectors include acrylic moon glow white and polycarbonate. Flat and conical bottom lens options are also available.

Lampholders are standard 2G11 (Biax) or GX24Q (CFL) base snap-in type.

Ballasts are electronic programmed-start as a standard. Consult factory for available systems and system specifications.

Ballast Access Ballasts are accessible through a hinged door on the ballast enclosure.

Listings – All fixtures are UL and CUL listed.

Patents – U.S. Patent #5,528,473 & 5,523,931

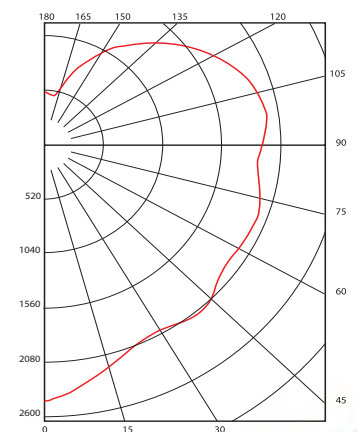
Photometric Data

LTL NUMBER: 1481
CAT#: P25 F PC 936 UV 3PS CA 835

ZONAL LUMEN SUMMARY

| ZONE | LUMENS | %LAMP | %FIXT |
|--------|--------|-------|-------|
| 0- 30 | 1805 | 6.9 | 8.0 |
| 0- 40 | 3117 | 11.9 | 13.9 |
| 0- 60 | 6490 | 24.9 | 28.9 |
| 0- 90 | 12615 | 48.3 | 56.1 |
| 90-120 | 5979 | 22.9 | 26.6 |
| 90-130 | 7431 | 28.5 | 33.1 |
| 90-150 | 9234 | 35.4 | 41.1 |
| 90-180 | 9856 | 37.8 | 43.9 |
| 0-180 | 22472 | 86.1 | 100.0 |

TOTAL LUMINAIRE EFFICIENCY: 86.1%
CIE TYPE: GENERAL DIFFUSE
LUMINAIRE SPACING CRITERION = 1.3



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P25 – Fixture Ordering Information

| Fixture Series | Lens Design | Lens Material | # of Lamps*1 | Lamp Type | Voltage | # Ballasts | Ballast Type | Reflector | Hanging | Options | Lamp Color | Lamp Options |
|----------------|-------------|---------------|--------------|-----------|---------|------------|--------------|-----------|---------|---------|------------|--------------|
| P25 | BLANK | BLANK | 3 | 32 | 12 | 1 | PS | C | HK | C () | BLANK | ES () |
| | F | CA | 4 | 36 | 27 | 2 | PSH | G | | 6T1 | 830 | |
| | C | GA | 5 | 42 | UV | 3 | | P | | 6T2 | 835 | |
| | D | PC | 6 | 57 | | 4 | | | | E () | 841 | |
| | | | 8 | 70 | | | | | | F | 850 | |
| | | | | | | | | | | LVR | | |
| | | | | | | | | | | WG | | |
| | | | | | | | | | | DC | | |
| | | | | | | | | | | TR | | |
| | | | | | | | | | | CC () | | |

Please Specify When Ordering:

| Fixture Series | Lens Design | Lens Material | # of Lamps | Lamp Type | Voltage | # Ballasts | Ballast Type | Reflector | Hanging | Options | Lamp Color | Lamp Options |
|----------------|-------------|---------------|------------|-----------|---------|------------|--------------|-----------|---------|---------|------------|--------------|
| P25 | | | | | | | | | | | | |

*1 P25 can be outfitted with up to 8 – 32/36/42w lamps, 6 – 57w lamps or 4-70w Lamps

| | | | | |
|--|--|---|---|---|
| <p>Lens Design</p> <p>Blank No Bottom Lens</p> <p>F Flat Bottom Lens</p> <p>C Conical Bottom Lens</p> <p>D Drop Bottom Lens</p> <hr/> <p>Lens Material</p> <p>Blank No Bottom Lens</p> <p>CA Clear Acrylic</p> <p>GA Moon Glow White Acrylic</p> <p>PC Polycarbonate</p> | <p>Lamp Type Selections</p> <p>32 FT32W/GX24Q System</p> <p>36 FT36W/2G11 System</p> <p>42 FT42W/GX24Q System</p> <p>57 FT57W/GX24Q System</p> <p>70 FT70W/GX24Q System</p> <hr/> <p>Voltage Selections</p> <p>12 120V</p> <p>27 277V</p> <p>UV 120-277V</p> | <p>Ballast Selections</p> <p>PS Programmed Start (NBF)</p> <p>PSH Programmed Start High Ballast Factor* * 36w Only</p> <hr/> <p>Reflector Selections</p> <p>C Clear Acrylic</p> <p>G Moon Glow White Acrylic</p> <p>P Polycarbonate</p> <hr/> <p>Hanging Selections</p> <p>HK Hook</p> | <p>Options Selections</p> <p>C() Single Circuit Cord (Specify Length)</p> <p>6T1 6' Cord with L5-15 Locking End</p> <p>6T2 6' Cord with L7-15 Locking End</p> <p>E() Emergency Pack (# Lumens)</p> <p>F Inline Fuse</p> <p>LVR Low Voltage</p> <p>WG Wire Guard</p> <p>DC Downlight Collar</p> <p>TR Tether Lock</p> <p>CC() Custom Color (Specify Color)</p> | <p>Lamp Color Selections</p> <p>BLANK Lamps Not Included</p> <p>830 80+ CRI, 3000K</p> <p>835 80+ CRI, 3500K</p> <p>841 80+ CRI, 4100K</p> <p>850 80+ CRI, 5000K* * 57w & 70w Only</p> <hr/> <p>Lamp Options Selections</p> <p>ES() Energy Saver (Specify Wattage) * 32w, 42w Only</p> |
|--|--|---|---|---|

Common Fixture Selections

| Catalog Number | System | # of Lamps | Wattage (120/277V)* | Initial System Lumens* | Mean System Lumens* |
|------------------------|--------|------------|---------------------|------------------------|---------------------|
| P25 D CA 836 UV 2PSH C | BIAx | 8 | 352w / 346w | 27,840 | 25,056 |
| P25 F PC 642 UV 3PS P | CFL | 6 | 279w | 18,624 | 15,656 |
| P25 C GA 557 UV 3PS G | CFL | 5 | 311w | 21,242 | 18,481 |
| P25 470 UV 2PS C | CFL | 4 | 312w | 20,800 | 17,880 |

*Wattages may vary depending on the ballast manufacturer and lamp type used.

Initial and mean system lumens are the initial/mean lumen output of the lamp/ballast system as rated by lamp and ballast manufacturer and may vary from manufacturer to manufacturer.

Specifications and dimensions subject to change without notice. Contact Optimum Lighting for current availability and ordering information.

Fixture Type: _____

Catalog #: _____ Quantity: _____

Project: _____

