



## Photometric Data

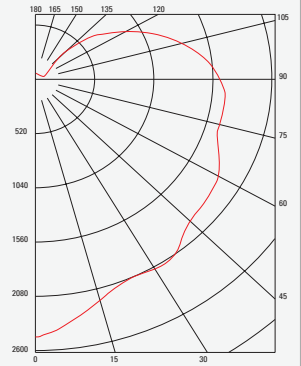
LTL#: 1481

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 Criteria: 1.3



## P25 SERIES

### Aesthetic classic design fluorescent High-Bay

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 a 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

- Pendant Mount [PM – Mounting holes provided in the housing] (Standard)
- Hook Mount [HK – 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

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

#### Ballasts

All 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.

Please specify when ordering

[illegible]

## Fixture ordering guide

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	PM	C ( )	BLANK	ES ( )
	F	CA	4	36	27	2	PSH	G	HK	6T1	830	
	C	GA	5	57	UV	3		P		6T2	835	
	D	PC	6	42		4				E ( )	841	
			8	70						F	850	
										LVR		
										WG		
										DC		
										TR		
										CC ( )		

\*I P25 can be outfitted with up to 8 - 32/36/42w lamps, 6 - 57w lamps or 4 - 70w lamps.

### Available fixture selections

<p><b>Lens Design</b></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><b>Lens Material</b></p> <p>BLANK No Bottom Lens</p> <p>CA Clear Acrylic</p> <p>GA Moon Glow White Acrylic</p> <p>PC Polycarbonate</p>	<p><b>Lamp Type Selections</b></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><b>Voltage Selections</b></p> <p>12 120V</p> <p>27 277V</p> <p>UV 120-277V</p>	<p><b>Ballast Selections</b></p> <p>PS Programmed Start (NBF)</p> <p>PSH Programmed Start High Ballast Factor*</p> <hr/> <p><b>Reflector Selections</b></p> <p>C Clear Acrylic</p> <p>G Moon Glow White Acrylic</p> <p>P Polycarbonate</p> <hr/> <p><b>Hanging Selections</b></p> <p>PM Pendant Mount</p> <p>HK Hook Mount</p> <p>* 36w Only</p>	<p><b>Options Selections</b></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><b>Lamp Color Selections</b></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*</p> <p>* 57w &amp; 70w Only</p> <hr/> <p><b>Lamp Options Selections</b></p> <p>ES ( ) Energy Saver (Specify Wattage)*</p> <p>* 32w, 42w Only</p>
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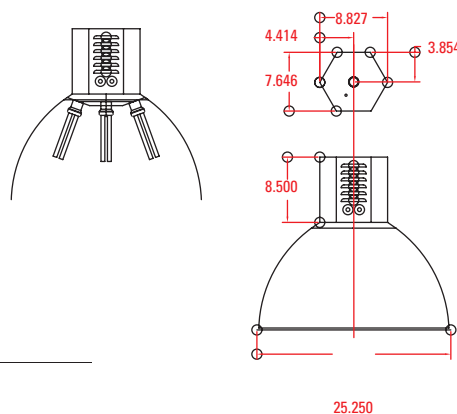
## Common fixture selections

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.

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

## Dimensional drawing



Fixture Type:

**Catalog #:** \_\_\_\_\_ **Quantity:** \_\_\_\_\_

Project: \_\_\_\_\_