



P16 SERIES

Aesthetic Classic-design Fluorescent High-Bay

Product Description

The P16 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 100 to 250 Watts - this fixture is up for the challenge!

This fixture's high transmission lens allows for exceptional light distribution and an upright component. The P16 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 P16 allows for maximum heat dissipation through the top fixture cap, which is also the housing for the ballast components.

Light Distribution – The P16's fixture design provides a wide distribution pattern — excellent for use in general or open areas. An upright component creates uniform ceiling illumination.

Mounting Methods

P16 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 P16 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 GX24Q 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

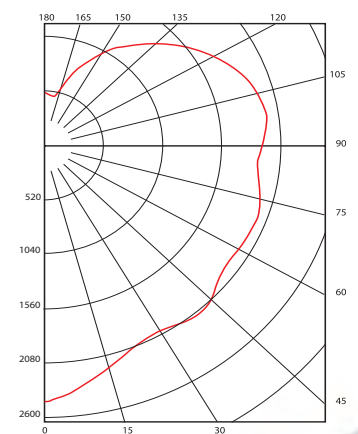
Photometric Data

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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P16 – 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
P16	BLANK	BLANK	3	32	12	2	PS	C	HK	C ()	BLANK	ES ()
	F	CA	4	42	27			G		6T1	830	
	C	GA		57	UV			P		6T2	835	
	D	PC								E ()	841	
										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
P16												

*1 P16 can be outfitted with up to 4 – 32/42w lamps & 3-57w Lamps

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

Catalog Number	System	# of Lamps	Wattage (120/277V)*	Initial System Lumens*	Mean System Lumens*
P16 F PC 432 UV 2PS P	CFL	4	136w	8,624	7,252
P16 D CA 357 UV 2PS C	CFL	3	185w	12,642	10,999
P16 442 UV 2PS G	CFL	4	186w	12,416	10,437
P16 C GA 342 UV 2PS G	CFL	3	139w	9,344	7,855

*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: _____

