



Photometric Data

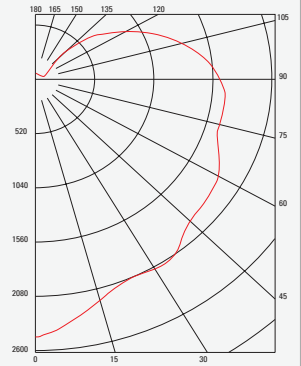
LTL#: 1481

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



P16 SERIES

Aesthetic classic design fluorescent High-Bay

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 a 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 uplight 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 uplight component creates uniform ceiling illumination.

Mounting Methods

P16 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 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

The lampholders are standard GX24Q 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

Fixture Series	Lens Design	Lens Material	# of Lamps	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options
P16												

Fixture ordering guide

Fixture Series	Lens Design	Lens Material	# of Lamps*	Lamp Type	Voltage	# Ballasts	Ballast Type	Reflector	Hanging	Options	Lamp Color	Lamp Options
P16	BLANK	BLANK	3	32	12	2	PS	C	PM	C ()	BLANK	ES ()
	F	CA	4	42	27			G	HK	6T1	830	
	C	GA		57	UV			P		6T2	835	
	D	PC								E ()	841	
										F	850	
										LVR		
										WG		
										DC		
										TR		
										CC ()		

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

Available fixture selections

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 FT42W/GX24Q System	Ballast Selections PS Programmed Start (NBF)	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
Lens Material BLANK No Bottom Lens CA Clear Acrylic GA Moon Glow White Acrylic PC Polycarbonate	Voltage Selections 12 120V 27 277V UV 120-277V	Reflector Selections C Clear Acrylic G Moon Glow White Acrylic P Polycarbonate		Lamp Options Selections ES () Energy Saver (Specify Wattage)* * 32w, 42w Only
		Hanging Selections PM Pendant Mount HK Hook Mount		

Common fixture selections

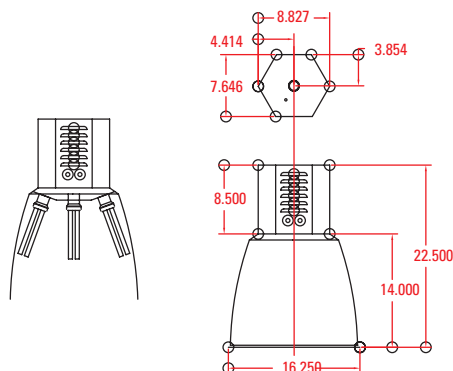
Catalog number	System	# of lamps	Wattage (120/277V)*	Initial system lumens*	Mean system lumens*
P16 F PC 432 UV 2PS P	CFL	4	136w	8,624	7,252
P16 D CA 357 UV 2PS C	CFL	3	185w	12,642	10,999
P16 442 UV 2PS G	CFL	4	186w	12,416	10,437
P16 C GA 342 UV 2PS G	CFL	3	139w	9,334	7,855

*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 Philips Optimum for current availability and ordering information

Dimensional drawing



Fixture Type: _____

Catalog #: _____ Quantity: _____

Project: _____

High Bay | www.philips.com/optimum | Phone (800) 541-9082 | Fax (855) 231-0414

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