

Orion Energy Systems

PBA Fixture Series

Orion's patented lighting systems incorporate superior optical and thermal efficiency to deliver the most output with the least input.

PBA6T5 Shown



APPLICATIONS Superior performance in demanding environments that require a durable, dust and/or water-tight fixture, such as food processing, agricultural, warehouse, and manufacturing facilities.

CERTIFICATION UL Listed for Wet Locations. IP65 and IP67 Certified. NSF Certified. NEMA 4X Rated. UL 5VA (f1) rated housing materials.

CONSTRUCTION Reinforced polyester fixture body, medium impact acrylic lens, and continuous poured gasket seal out dust and liquids. >90% fixture efficiency. The back of the housing has a 10° slope to satisfy food industry requirements.

CORROSION RESISTANCE Stainless steel latches accept tamper resistant screws. Includes stainless steel mounting brackets for suspended mounting. Optional surface mounting brackets available.

ELECTRICAL 6 foot whip, 11 foot whip, and hardwired power connection available. Programmed and instant start ballasts available.

REFLECTOR Optically efficient reflector design with enhanced specular finish. Options include Orion's patented high bay reflector with 95% total reflectance or white gear tray.

SPECIFICATIONS

Series	Lamps	Wattage Consumed @ 277v				Length	Width	Depth
		T8 High (1.15 BF)	T8 Normal Plus T5 Normal (1.0 BF)	T8 Normal (0.87 BF)	T8 Low (0.77 BF)			
PBA	4 T8 Lamps	145	121	107	96	50.62"	17.25"	6.62"
PBA	6 T8 Lamps	218	180	160	144	50.62"	17.25"	6.62"
PBA	4 T5 Lamps	N/A	226	N/A	N/A	50.62"	17.25"	6.62"
PBA	6 T5 Lamps	N/A	340	N/A	N/A	50.62"	17.25"	6.62"

ORDERING INFORMATION

<u>PBA</u>	<u>XX</u>	<u>XX</u>	<u>XX</u>	<u>XX</u>	<u>XX</u>	<u>XX</u>	<u>XX</u>	<u>XX</u>	<u>XX</u>	<u>XX</u>	
Series	Lamp Number	Ballast Type	Voltage	Ballast Output	Switching	Reflector Type	Lamp Type	Connection	Integral Sensor	Lens Type	
PBA Polybody fixture											
Lamp Number		Ballast Output		Lamp Type			Integral Sensor				
T8 Lamps		For T8 Lamps		(blank) 850 Lamps			(blank) No Integral Sensor				
4 4-Lamp T8		(blank) High (1.15 BF)		NL No lamps			WS Wet tested integral sensor				
4 T5 4-Lamp T5		NX Normal plus (1.00 BF)		8410 841 Osram lamps							
6 6-Lamp T8 ¹		N Normal (0.87 BF)		HL 850 High-lumen lamps (T8 only)			8500 850 Osram lamps				
6 T5 6-Lamp T5 ¹		L Low (0.77 BF)		841 841 Lamps			CG GE CovRguard				
Ballast Type		For T5 Lamps		SR Shatter resistant			HLCG High-lumen GE CovRguard				
For T8 Lamps		(blank) GE normal (1.00 BF)		HLSR High lumen/shatter resistant							
(blank) Instant start		O Osram Sylvania 1.00 BF		Connection							
PS Programmed start		Switching			(blank) Hardwired Connection						
PI 1 PS, 1 IS		(blank) Full switched			6W 6' Whip						
For T5 lamps		DS Dual switched			11W 11' Whip						
(blank) Programmed start		Reflector Type			CE7 Carflex® elbow, 7' leads						
Voltage		(blank) No reflector, white tray			CE15 Carflex® elbow, 15' leads						
(blank) 120 thorough 277v		HB High bay Miro-4									
347 347v											
480 480v											

Note 1: HA and PC lenses require special order. Expect longer lead times.



877.204.7540

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