

Orion Energy Systems

PB Fixture Series

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

APPLICATIONS Superior performance in demanding environments that require a durable, water-tight fixture, such as parking garages and food processing facilities. Minimum 32°F ambient temperature required.

CERTIFICATION UL Listed for Wet Locations. IP66 and IP67 Certified. NSF Certified. NEMA 4X Rated. UL 5VA (f1) rated housing materials.

CONSTRUCTION Durable, fiberglass-reinforced plastic enclosure seals out dust and moisture. Stainless steel latches accept tamper resistant screws. >90% fixture efficiency.

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

FINISH White FRP housing.

REFLECTOR Optically efficient reflector designs with enhanced specular finish. Options include Orion's patented low bay and high bay reflectors (with 95% total reflectance).



PB image

SPECIFICATIONS

Series	Lamps	Wattage Consumed @ 277v				Length	Width	Depth	Weight
		High (1.15 BF)	Normal Plus (1.0 BF)	Normal (0.87 BF)	Low (0.77 BF)				
PB	4 T8 Lamps	145	121	107	96	52.00"	15.00"	6.50"	20.0
PB	6 T8 Lamps	218	180	160	144	52.00"	15.00"	6.50"	21.0
PB	4 T5 Lamps	N/A	226	N/A	N/A	52.00"	15.00"	6.50"	20.0
PB	6 T5 Lamps	N/A	340	N/A	N/A	52.00"	15.00"	6.50"	21.0

ORDERING INFORMATION

PB	XX	XX	XX	XX	XX	XX	XX	XX	XX
Series	Lamp Number	Reflector Type	Ballast Type	Ballast Output	Switching Option	Voltage	Lamp Type	Connection Options	Integral Sensor Option

Series	
PB	Polybody Fixture

Lamp Number			
T8 Lamps		T5 Lamps	
4	4-Lamp T8	4T5	4-Lamp T5
6	6-Lamp T8 ¹	6T5	6-Lamp T5 ¹

Reflector Type	
(blank)	No Reflector*
LB	Low Bay Miro-4*
HB	High Bay Miro-4

¹6 lamp fixtures are only available with Low Bay Reflector or No Reflector.

Ballast Type	
For T8 Lamps	
(blank)	Instant Start
PI	1 Instant, 1 Programmed Start
PS	Programmed Start
For T5 Lamps	
(blank)	Programmed Start

Ballast Output	
For T8 Lamps	
(blank)	High (1.15 BF)
NX	Normal Plus (1.00 BF)
N	Normal (0.87 BF)
L	Low (0.77 BF)
SD	Step Dimming
For T5 Lamps	
(blank)	Normal (1.00 BF)
AV	480v Advance

Switching Option	
(blank)	Full Switch
DS	Dual Switch

Voltage	
(blank)	120/277
347	347v* (Instant Start T8 or Programmed Start T5 ballasts only. Step Dimming and Normal Plus ballast output is not available.)
480	480v* (T5 only)

*347v and 480v options are Osram or Universal ballasts.

Lamp Types			
(blank)	850 Lamps		
NL	No Lamps	8410	841 Osram Lamps
HL	850 High Lumen Lamps	8500	850 Osram Lamps
841	841 Lamps	CG	GE Cover Guard
SR	Shatter Resistant	HLCG	High Lumen GE Cover Guard
HLSR	High Lumen/Shatter Resistant		

Connection Options	
(blank)	Hardwired Connection
6W	6' Whip
11W	11' Whip

Integral Sensor Option	
(blank)	No Integral Sensor
WS	Integral Sensor



877.204.7540

www.oesx.com

NYSE Amex: OESX

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OFFICIAL LISTING

NSF International Certifies that the products appearing on this Listing conform to the requirements of NSF/ANSI Standard 2 - Food Equipment

This is the Official Listing recorded on January 17, 2008.

SCIENTIFIC LIGHTING PRODUCTS
1400 SOUTH OLD HIGHWAY 141
FENTON, MO 63026
800-248-0224
636-600-4084

Facility: SULLIVAN, MO

Fluorescent Lighting Enclosure for Splash Zone Application

- | | | |
|------------------|------------------|------------------|
| CT2-DIMP-1L2KN | CT2-DIMP-1L4KN | CT2-DIMP-1L5KN |
| CT2-DIMP-2L2KN | CT2-DIMP-2L4KN | CT2-DIMP-2L5KN |
| CT2-DIRA-2L4KN | CT2-DIRA-2L4SSKN | CT2-DIRA-2L84KN |
| CT2-DP-1L2KN | CT2-DP-1L4KN | CT2-DP-1L5KN |
| CT2-DP-2L2KN | CT2-DP-2L4KN | CT2-DP-2L4SSKN |
| CT2-DP-2L5KN | CT3-DIMP-1L2KN | CT3-DIMP-1L2SSKN |
| CT3-DIMP-1L4KN | CT3-DIMP-1L4SSKN | CT3-DIMP-2L2KN |
| CT3-DIMP-2L2SSKN | CT3-DIMP-2L4KN | CT3-DIMP-2L4SSKN |
| CT4 | | |

Note: Additions shall not be made to this document without prior evaluation and acceptance by NSF International.