



Redefining the rules

Optanium T8 Programmed Start

Philips Advance Optanium high-efficiency electronic ballasts are engineered to optimize lighting performance and maximize energy savings. These ballasts provide an unparalleled package of features and benefits to support the wide variety of T8 fluorescent lamps out in the market place.

Benefits

- Promotes sustainability by consuming less input watts than standard efficiency electronic ballasts
- Enhances accuracy and ease of ordering while reducing
- Reduces the potential for lamp striation typically seen when using energy saving lamps

Features

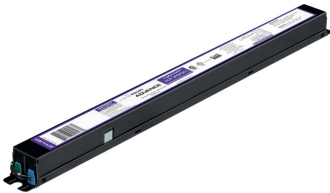
- Helps reduce maintenance costs as more lamps remain on when lamps reach end-of-life minimizing wasteful re-lamping
- Reduces the likelihood of striation in energy-saving lamps, allowing for additional energy-saving opportunities
- Allows users to replace lamps without cycling power (standard and energy saving lamps)

Application

- Or general office lighting, institutional, government, health care, school applications, occupancy sensors or motion detectors replacement for incandescent down-lighting systems

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Versions



GOP2PSP32LWSC35M

IOP4PSP32HLG35M

HOP2PSP32HLL35M

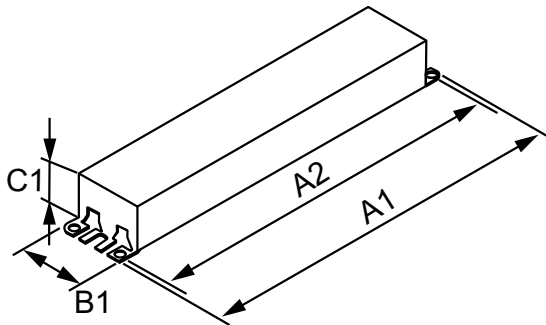
HOP4PSP32HLG35M



IOP1PSP32N35M

Optanium T8 Programmed Start

Dimensional drawing



Product	A1	A2	B1	C1
OPTANIUM ELE BALLAST (4) F32T8 120-277V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (4) F32T8 120-277V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (4) F32T8 120-277V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (3) F32T8 120-277V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (3) F32T8 120-277V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (3) F32T8 120-277V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (3) F32T8 120-277V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (3) F32T8 120-277V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (2) F32T8 120-277V	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM ELE BALLAST (2) F32T8 120-277V	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM ELE BALLAST (2) F32T8 120-277V	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM ELE BALLAST (2) F32T8 120-277V	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM ELE BALLAST (1) F32T8 120-277V	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM ELE BALLAST (1) F32T8 120-277V	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM ELE BALLAST (4) F32T8 347-480V	16.70 in	16.34 in	1.70 in	1.18 in
OPTANIUM ELE BALLAST (2) F32T8 347-480V	16.70 in	16.34 in	1.18 in	1.00 in
OPTANIUM ELE BALLAST (3) F32T8 347V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (3) F32T8 120-277V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (4) F32T8 120-277V	16.70 in	16.34 in	1.70 in	1.18 in
OPTANIUM ELE BALLAST (4) F32T8 347V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (2) F32T8 347V	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM ELE BALLAST (4) F32T8 120-277V	9.5 in	8.90 in	1.7 in	1.18 in

Operating and Electrical	
Input Frequency	50 to 60 Hz
Total Harmonic Distortion USA	10 %
General Information	
Lamp Type	F32T8

Operating and Electrical

Order Code	Full Product Name	Input Voltage
GOP2PSP32SC35M	OPTANIUM ELE BALLAST (2) F32T8 347V	347 V
GOP4PSP32SC35M	OPTANIUM ELE BALLAST (4) F32T8 347V	347 V
IOP3PSP32HLC35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V
GOP3PSP32SC35M	OPTANIUM ELE BALLAST (3) F32T8 347V	347 V
IOP3PSP32LWSC35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V
IOP3PSP32LWSC35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V
IOP3PSP32SC35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V
IOP3PSP32SC35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V
IOP4PSP32LWSC35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V
IOP4PSP32LWSC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V
IOP4PSP32SC35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V

Order Code	Full Product Name	Input Voltage
IOP4PSP32SC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V
IOP4PSP32HLG35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V
HOP2PSP32HLL35M	OPTANIUM ELE BALLAST (2) F32T8 347-480V	347-480 V
HOP4PSP32HLG35M	OPTANIUM ELE BALLAST (4) F32T8 347-480V	347-480 V
IOP1PSP32N35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V
IOP1PSP32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V
IOP2PSP32N35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V
IOP2PSP32N35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V
IOP2PSP32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V
IOP2PSP32HLN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V

General Information

Optanium T8 Programmed Start

Order Code	Full Product Name	Number Of Lamps
GOP2PSP32SC35M	OPTANIUM ELE BALLAST (2) F32T8 347V	1/2 piece/unit
GOP4PSP32SC35M	OPTANIUM ELE BALLAST (4) F32T8 347V	3/4 piece/unit
IOP3PSP32HLSC35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit
GOP3PSP32SC35M	OPTANIUM ELE BALLAST (3) F32T8 347V	2/3 piece/unit
IOP3PSP32LWSC35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit
IOP3PSP32LWSC35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit
IOP3PSP32SC35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit
IOP3PSP32SC35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit
IOP4PSP32LWSC35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit
IOP4PSP32LWSC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit
IOP4PSP32SC35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit

Order Code	Full Product Name	Number Of Lamps
IOP4PSP32SC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit
IOP4PSP32HLG35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit
HOP2PSP32HLL35M	OPTANIUM ELE BALLAST (2) F32T8 347-480V	1/2 piece/unit
HOP4PSP32HLG35M	OPTANIUM ELE BALLAST (4) F32T8 347-480V	3/4 piece/unit
IOP1PSP32N35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit
IOP1PSP32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit
IOP2PSP32N35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit
IOP2PSP32N35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit
IOP2PSP32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit
IOP2PSP32HLN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit

Mechanical and Housing

Order Code	Full Product Name	Housing
GOP2PSP32SC35M	OPTANIUM ELE BALLAST (2) F32T8 347V	SC
GOP4PSP32SC35M	OPTANIUM ELE BALLAST (4) F32T8 347V	SC
IOP3PSP32HLSC35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	SC
GOP3PSP32SC35M	OPTANIUM ELE BALLAST (3) F32T8 347V	SC
IOP3PSP32LWSC35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	SC
IOP3PSP32LWSC35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	SC
IOP3PSP32SC35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	SC
IOP3PSP32SC35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	SC
IOP4PSP32LWSC35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	SC
IOP4PSP32LWSC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	SC
IOP4PSP32SC35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	SC

Order Code	Full Product Name	Housing
IOP4PSP32SC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	SC
IOP4PSP32HLG35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	G
HOP2PSP32HLL35M	OPTANIUM ELE BALLAST (2) F32T8 347-480V	L
HOP4PSP32HLG35M	OPTANIUM ELE BALLAST (4) F32T8 347-480V	G
IOP1PSP32N35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
IOP1PSP32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
IOP2PSP32N35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOP2PSP32N35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOP2PSP32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOP2PSP32HLN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N

