



The right choice for a broad range of new construction and retrofit applications

Optanium T8 Instant Start

Reliable and energy efficient Philips Advance's Centium commercial grade specifications, plus added benefits of lamp striation reduction technology.

Benefits

- Compatible with Energy Saving lamps
- Eligible for Utility Rebates
- Maximizes fixture design
- Reduces packaging waste

Features

- IntelliVolt (120–277V) input voltage range
- Lamp Striation Reduction
- Meets NEMA Premium/CEE
- Smallest enclosure in industry

Application

- General office lighting, institutional, government, health care, school applications

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Versions



IOPA1P32LWN35I

IOP4P32HLSC35M

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Dimensional drawing

Product	A1	A2	B1	C1
OPTANIUM ELE BALLAST (1) F32T8 347V	9.5 in	8.90 in	1.3 in	1.0 in

Operating and Electrical

Input Frequency	50 to 60 Hz
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Operating and Electrical

Order Code	Full Product Name	Input Voltage	Total Harmonic Distortion USA
IOPA1P32LWN35I	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
IOPA1P32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
IOPA1P32N35I	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
IOPA1P32N35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
IOPA2P32LWN35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
IOPA2P32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
IOPA2P32N35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
IOPA2P32N35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
IOPA1P32HLN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
IOPA4P32N35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
IOPA4P32N35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
IOPA4P32LWN35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
IOPA4P32LWN35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
IOPA3P32N35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
IOPA3P32N35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
IOPA3P32LWN35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
IOPA3P32LWN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
IOP1P32N35I	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
IOP1P32N35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %

Order Code	Full Product Name	Input Voltage	Total Harmonic Distortion USA
IOP2P32N35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
IOP2P32N35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
IOP3P32N35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
IOP3P32N35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
IOP4P32N35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
IOP4P32N35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
IOP1P32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
IOP2P32LWN35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
IOP2P32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
IOP3P32LWN35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
IOP3P32LWN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
IOP4P32LWN35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
IOP4P32LWN35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
IOPA2P32HLN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
IOPA3P32HLN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
IOP2P32HLN35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
IOP2P32HLN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
IOP3P32HLN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
IOP2P59N35I	OPTANIUM ELE BALLAST (2) F96T8 120-277V	120 to 277 V	10 %

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Order Code	Full Product Name	Input Voltage	Total Harmonic
			Distortion USA
IOP2P59N35M	OPTANIUM ELE BALLAST (2) F96T8 120-277V	120 to 277 V	10 %
IOP1P32HLN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
IOP3P32HL90CN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
IOP4P32HLSC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
IOP4P32HL90CSC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
GOPA1P32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 347V	347 V	10 %
GOPA1P32N35M	OPTANIUM ELE BALLAST (1) F32T8 347V	347 V	10 %

Order Code	Full Product Name	Input Voltage	Total Harmonic
			Distortion USA
GOPA2P32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 347V	347 V	-
GOPA2P32N35M	OPTANIUM ELE BALLAST (2) F32T8 347V	347 V	10 %
GOPA4P32SC35M	OPTANIUM ELE BALLAST (4) F32T8 347V	347 V	10 %
GOPA4P32LWSC35M	OPTANIUM ELE BALLAST (4) F32T8 347V	347 V	10 %
GOPA3P32SC35M	OPTANIUM ELE BALLAST (3) F32T8 347V	347 V	10 %
GOPA3P32LWSC35M	OPTANIUM ELE BALLAST (3) F32T8 347V	347 V	10 %

General Information

Order Code	Full Product Name	Number Of Lamps	Lamp
			Type
IOPA1P32LWN35I	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
IOPA1P32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
IOPA1P32N35I	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
IOPA1P32N35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
IOPA2P32LWN35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
IOPA2P32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
IOPA2P32N35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
IOPA2P32N35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
IOPA1P32HLN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
IOPA4P32N35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
IOPA4P32N35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
IOPA4P32LWN35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
IOPA4P32LWN35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
IOPA3P32N35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
IOPA3P32N35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
IOPA3P32LWN35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8

Order Code	Full Product Name	Number Of Lamps	Lamp
			Type
IOPA3P32LWN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
IOP1P32N35I	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
IOP1P32N35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
IOP2P32N35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
IOP2P32N35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
IOP3P32N35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
IOP3P32N35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
IOP4P32N35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
IOP4P32N35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
IOP1P32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
IOP2P32LWN35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
IOP2P32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
IOP3P32LWN35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
IOP3P32LWN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
IOP4P32LWN35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
IOP4P32LWN35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8

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Order Code	Full Product Name	Number Of Lamps	Lamp
			Type
IOPA2P32HLN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
IOPA3P32HLN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
IOP2P32HLN35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
IOP2P32HLN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
IOP3P32HLN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
IOP2P59N35I	OPTANIUM ELE BALLAST (2) F96T8 120-277V	1/2 piece/unit	F96T8
IOP2P59N35M	OPTANIUM ELE BALLAST (2) F96T8 120-277V	1/2 piece/unit	F96T8
IOP1P32HLN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
IOP3P32HL90CN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
IOP4P32HLSC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8

Order Code	Full Product Name	Number Of Lamps	Lamp
			Type
IOP4P32HL90CSC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
GOPA1P32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 347V	1 piece/unit	F32T8
GOPA1P32N35M	OPTANIUM ELE BALLAST (1) F32T8 347V	1 piece/unit	F32T8
GOPA2P32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 347V	1-2 piece/unit	F32T8
GOPA2P32N35M	OPTANIUM ELE BALLAST (2) F32T8 347V	1-2 piece/unit	F32T8
GOPA4P32SC35M	OPTANIUM ELE BALLAST (4) F32T8 347V	3/4 piece/unit	F32T8
GOPA4P32LWSC35M	OPTANIUM ELE BALLAST (4) F32T8 347V	3/4 piece/unit	F32T8
GOPA3P32SC35M	OPTANIUM ELE BALLAST (3) F32T8 347V	2/3 piece/unit	F32T8
GOPA3P32LWSC35M	OPTANIUM ELE BALLAST (3) F32T8 347V	2/3 piece/unit	F32T8

Mechanical and Housing

Order Code	Full Product Name	Housing
IOPA1P32LWN35I	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
IOPA1P32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
IOPA1P32N35I	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
IOPA1P32N35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
IOPA2P32LWN35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOPA2P32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOPA2P32N35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOPA2P32N35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOPA1P32HLN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
IOPA4P32N35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
IOPA4P32N35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
IOPA4P32LWN35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
IOPA4P32LWN35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
IOPA3P32N35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
IOPA3P32N35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
IOPA3P32LWN35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
IOPA3P32LWN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
IOP1P32N35I	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
IOP1P32N35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
IOP2P32N35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOP2P32N35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOP3P32N35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
IOP3P32N35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
IOP4P32N35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
IOP4P32N35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
IOP1P32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N

Order Code	Full Product Name	Housing
IOP2P32LWN35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOP2P32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOP3P32LWN35I	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
IOP3P32LWN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
IOP4P32LWN35I	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
IOP4P32LWN35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
IOPA2P32HLN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOPA3P32HLN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
IOP2P32HLN35I	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOP2P32HLN35M	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
IOP3P32HLN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
IOP2P59N35I	OPTANIUM ELE BALLAST (2) F96T8 120-277V	N
IOP2P59N35M	OPTANIUM ELE BALLAST (2) F96T8 120-277V	N
IOP1P32HLN35M	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
IOP3P32HL90CN35M	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
IOP4P32HLSC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	SC
IOP4P32HL90CSC35M	OPTANIUM ELE BALLAST (4) F32T8 120-277V	SC
GOPA1P32LWN35M	OPTANIUM ELE BALLAST (1) F32T8 347V	N
GOPA1P32N35M	OPTANIUM ELE BALLAST (1) F32T8 347V	N
GOPA2P32LWN35M	OPTANIUM ELE BALLAST (2) F32T8 347V	N
GOPA2P32N35M	OPTANIUM ELE BALLAST (2) F32T8 347V	N
GOPA4P32SC35M	OPTANIUM ELE BALLAST (4) F32T8 347V	SC
GOPA4P32LWSC35M	OPTANIUM ELE BALLAST (4) F32T8 347V	SC
GOPA3P32SC35M	OPTANIUM ELE BALLAST (3) F32T8 347V	SC
GOPA3P32LWSC35M	OPTANIUM ELE BALLAST (3) F32T8 347V	SC

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