



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

Optanium T8 Instant Start

Versions

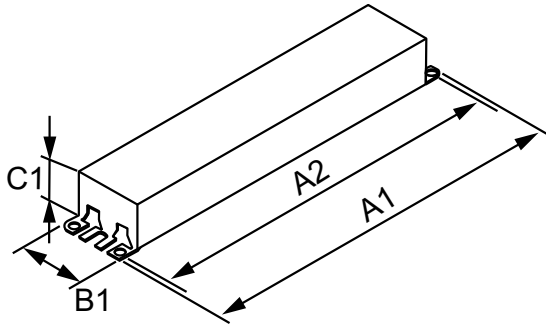


IOPA1P32LWN35I

IOP4P32HLSC35M

Optanium T8 Instant Start

Dimensional drawing



Product	A1	A2	B1	C1
OPTANIUM GOPA2P32N35M	9.5 in	8.90 in	1.3 in	1.0 in
OPTANIUM GOPA1P32N35M	9.5 in	8.90 in	1.3 in	1.0 in
OPTANIUM GOPA2P32LWN35M	9.5 in	8.90 in	1.3 in	1.0 in
OPTANIUM GOPA1P32LWN35M	9.5 in	8.90 in	1.3 in	1.0 in
OPTANIUM IOP3P32HL90CN35M	9.5 in	8.9 in	1.3 in	1.0 in
OPTANIUM IOP1P32HLN35M	9.5 in	8.9 in	1.3 in	1.0 in
OPTANIUM IOP2P59N35M	9.5 in	8.9 in	1.3 in	1.0 in
OPTANIUM IOP2P59N35I	9.5 in	8.9 in	1.3 in	1.0 in
OPTANIUM IOP4P32HLSC35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP3P32HLN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP2P32HLN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP2P32HLN35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA3P32HLN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA2P32HLN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP4P32LWN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP4P32LWN35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP3P32LWN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP3P32LWN35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP2P32LWN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP2P32LWN35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP1P32LWN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP4P32N35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP4P32N35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP3P32N35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP3P32N35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP2P32N35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP2P32N35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP1P32N35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOP1P32N35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA3P32LWN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA3P32LWN35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA3P32N35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA3P32N35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA4P32LWN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA4P32LWN35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA4P32N35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA4P32N35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA1P32HLN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA2P32N35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA2P32N35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA2P32LWN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA2P32LWN35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA1P32N35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA1P32N35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA1P32LWN35M	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM IOPA1P32LWN35I	9.50 in	8.90 in	1.30 in	1.00 in
OPTANIUM GOPA3P32LWSC35M	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM GOPA3P32SC35M	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM GOPA4P32LWSC35M	9.5 in	8.90 in	1.7 in	1.18 in
OPTANIUM GOPA4P32SC35M	9.5 in	8.90 in	1.7 in	1.18 in

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Dimensional drawing

Product	A1	A2	B1	C1
OPTANIUM IOP4P32HL90CSC35M	9.5 in	8.9 in	1.3 in	1.0 in

Operating and Electrical	
Input Frequency	50 to 60 Hz

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Total Harmonic Distortion USA
913701216001	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
913701216002	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
913701216101	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
913701216102	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
913701216201	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
913701216202	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
913701216301	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
913701216302	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
913701216902	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
913701235501	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
913701235502	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
913701235601	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
913701235602	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
913701245401	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
913701245402	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
913701245501	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
913701245502	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
913701246401	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
913701246402	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %

Order Code	Full Product Name	Input Voltage	Total Harmonic Distortion USA
913701246501	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
913701246502	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
913701246601	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
913701246602	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
913701246701	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
913701246702	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
913701246802	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
913701246901	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
913701246902	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
913701247001	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
913701247002	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
913701247101	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
913701247102	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
913701254202	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
913701254302	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
913701255001	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
913701255002	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
913701255102	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
913701262101	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
913701262102	OPTANIUM ELE BALLAST (2) F96T8 120-277V	120 to 277 V	10 %
913701264102	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
913701264202	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
913701255202	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
913701264302	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
913701265902	OPTANIUM ELE BALLAST (1) F32T8 347V	347 V	10 %
913701266002	OPTANIUM ELE BALLAST (1) F32T8 347V	347 V	10 %

Order Code	Full Product Name	Input Voltage	Total Harmonic Distortion USA
913701266102	OPTANIUM ELE BALLAST (2) F32T8 347V	347 V	-
913701266202	OPTANIUM ELE BALLAST (2) F32T8 347V	347 V	10 %
913710851602	OPTANIUM ELE BALLAST (4) F32T8 347V	347 V	10 %
913710852002	OPTANIUM ELE BALLAST (4) F32T8 347V	347 V	10 %
913710894702	OPTANIUM ELE BALLAST (3) F32T8 347V	347 V	10 %
913710894802	OPTANIUM ELE BALLAST (3) F32T8 347V	347 V	10 %

General Information

Order Code	Full Product Name	Number Of Lamps	Lamp Type
913701216001	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
913701216002	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
913701216101	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
913701216102	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
913701216201	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
913701216202	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
913701216301	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
913701216302	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
913701216902	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
913701235501	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
913701235502	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
913701235601	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
913701235602	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
913701245401	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
913701245402	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
913701245501	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8

Order Code	Full Product Name	Number Of Lamps	Lamp Type
913701245502	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
913701246401	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
913701246402	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
913701246501	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
913701246502	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
913701246601	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
913701246602	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
913701246701	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
913701246702	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
913701246802	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
913701246901	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
913701246902	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
913701247001	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
913701247002	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
913701247101	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
913701247102	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
913701254202	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
913701254302	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
913701255001	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
913701255002	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
913701255102	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
913701262101	OPTANIUM ELE BALLAST (2) F96T8 120-277V	1/2 piece/unit	F96T8
913701262102	OPTANIUM ELE BALLAST (2) F96T8 120-277V	1/2 piece/unit	F96T8
913701264102	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
913701264202	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
913701255202	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8

Order Code	Full Product Name	Number Of Lamps	Lamp Type
913701264302	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
913701265902	OPTANIUM ELE BALLAST (1) F32T8 347V	1 piece/unit	F32T8
913701266002	OPTANIUM ELE BALLAST (1) F32T8 347V	1 piece/unit	F32T8
913701266102	OPTANIUM ELE BALLAST (2) F32T8 347V	1-2 piece/unit	F32T8
913701266202	OPTANIUM ELE BALLAST (2) F32T8 347V	1-2 piece/unit	F32T8
913710851602	OPTANIUM ELE BALLAST (4) F32T8 347V	3/4 piece/unit	F32T8
913710852002	OPTANIUM ELE BALLAST (4) F32T8 347V	3/4 piece/unit	F32T8
913710894702	OPTANIUM ELE BALLAST (3) F32T8 347V	2/3 piece/unit	F32T8
913710894802	OPTANIUM ELE BALLAST (3) F32T8 347V	2/3 piece/unit	F32T8

Mechanical and Housing

Order Code	Full Product Name	Housing
913701216001	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
913701216002	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
913701216101	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
913701216102	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
913701216201	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
913701216202	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
913701216301	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
913701216302	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
913701216902	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
913701235501	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
913701235502	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
913701235601	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
913701235602	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
913701245401	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
913701245402	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
913701245501	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
913701245502	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
913701246401	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
913701246402	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
913701246501	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
913701246502	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
913701246601	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
913701246602	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
913701246701	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
913701246702	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
913701246802	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N

Order Code	Full Product Name	Housing
913701246901	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
913701246902	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
913701247001	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
913701247002	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
913701247101	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
913701247102	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
913701254202	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
913701254302	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
913701255001	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
913701255002	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
913701255102	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
913701262101	OPTANIUM ELE BALLAST (2) F96T8 120-277V	N
913701262102	OPTANIUM ELE BALLAST (2) F96T8 120-277V	N
913701264102	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
913701264202	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
913701255202	OPTANIUM ELE BALLAST (4) F32T8 120-277V	SC
913701264302	OPTANIUM ELE BALLAST (4) F32T8 120-277V	SC
913701265902	OPTANIUM ELE BALLAST (1) F32T8 347V	N
913701266002	OPTANIUM ELE BALLAST (1) F32T8 347V	N
913701266102	OPTANIUM ELE BALLAST (2) F32T8 347V	N
913701266202	OPTANIUM ELE BALLAST (2) F32T8 347V	N
913710851602	OPTANIUM ELE BALLAST (4) F32T8 347V	SC
913710852002	OPTANIUM ELE BALLAST (4) F32T8 347V	SC
913710894702	OPTANIUM ELE BALLAST (3) F32T8 347V	SC
913710894802	OPTANIUM ELE BALLAST (3) F32T8 347V	SC

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