



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

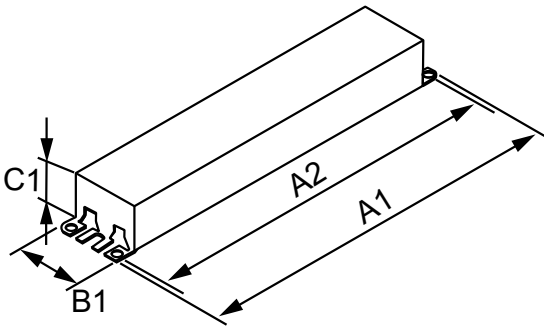
Versions



IOPA1P32LWN35I

IOP4P32HLSC35M

Dimensional drawing



Product	A1	A2	B1	C1
OPTANIUM GOPA2P32N35M	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 IOP2P59N35M	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 IOP2P32HLN35M	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 IOP3P32LWN35M	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 IOP4P32N35M	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 IOP2P32N35M	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 IOPA3P32LWN35M	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 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 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
OPTANIUM GOPA1P32N35M	9.5 in	8.90 in	1.3 in	1.0 in

Optanium T8 Instant Start

Operating and Electrical

Input Frequency 50 to 60 Hz

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Total Harmonic Distortion USA
108209	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
107862	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
498915	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
107870	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
108217	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
107854	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
498832	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
107847	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
107888	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
498956	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
500793	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
500116	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
499038	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
501056	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
499012	OPTANIUM ELE BALLAST (1) F32T8 120-277V	120 to 277 V	10 %
498972	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
499046	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %

Order Code	Full Product Name	Input Voltage	Total Harmonic Distortion USA
498659	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
498873	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
498964	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
503078	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
503094	OPTANIUM ELE BALLAST (3) F32T8 120-277V	120 to 277 V	10 %
501569	OPTANIUM ELE BALLAST (2) F32T8 120-277V	120 to 277 V	10 %
503193	OPTANIUM ELE BALLAST (2) F96T8 120-277V	120 to 277 V	10 %
503102	OPTANIUM ELE BALLAST (4) F32T8 120-277V	120 to 277 V	10 %
510628	OPTANIUM ELE BALLAST (1) F32T8 347V	347 V	10 %
510610	OPTANIUM ELE BALLAST (1) F32T8 347V	347 V	10 %
510636	OPTANIUM ELE BALLAST (2) F32T8 347V	347 V	-
510644	OPTANIUM ELE BALLAST (2) F32T8 347V	347 V	10 %
197970	OPTANIUM ELE BALLAST (4) F32T8 347V	347 V	10 %
197996	OPTANIUM ELE BALLAST (4) F32T8 347V	347 V	10 %
199604	OPTANIUM ELE BALLAST (3) F32T8 347V	347 V	10 %
199778	OPTANIUM ELE BALLAST (3) F32T8 347V	347 V	10 %

General Information

Order Code	Full Product Name	Number Of Lamps	Lamp Type
108209	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
107862	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
498915	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8

Order Code	Full Product Name	Number Of Lamps	Lamp Type
107870	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
108217	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
107854	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8

Optanium T8 Instant Start

Order Code	Full Product Name	Number Of Lamps	Lamp Type
498832	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
107847	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
107888	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
498956	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
500793	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
500116	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
499038	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
501056	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
499012	OPTANIUM ELE BALLAST (1) F32T8 120-277V	1 piece/unit	F32T8
498972	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
499046	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
498659	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8

Mechanical and Housing

Order Code	Full Product Name	Housing
108209	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
107862	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
498915	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
107870	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
108217	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
107854	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
498832	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
107847	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
107888	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
498956	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
500793	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
500116	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
499038	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
501056	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
499012	OPTANIUM ELE BALLAST (1) F32T8 120-277V	N
498972	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
499046	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N

Order Code	Full Product Name	Number Of Lamps	Lamp Type
498873	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
498964	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
503078	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
503094	OPTANIUM ELE BALLAST (3) F32T8 120-277V	2/3 piece/unit	F32T8
501569	OPTANIUM ELE BALLAST (2) F32T8 120-277V	1/2 piece/unit	F32T8
503193	OPTANIUM ELE BALLAST (2) F96T8 120-277V	1/2 piece/unit	F96T8
503102	OPTANIUM ELE BALLAST (4) F32T8 120-277V	3/4 piece/unit	F32T8
510628	OPTANIUM ELE BALLAST (1) F32T8 347V	1 piece/unit	F32T8
510610	OPTANIUM ELE BALLAST (1) F32T8 347V	1 piece/unit	F32T8
510636	OPTANIUM ELE BALLAST (2) F32T8 347V	1-2 piece/unit	F32T8
510644	OPTANIUM ELE BALLAST (2) F32T8 347V	1-2 piece/unit	F32T8
197970	OPTANIUM ELE BALLAST (4) F32T8 347V	3/4 piece/unit	F32T8
197996	OPTANIUM ELE BALLAST (4) F32T8 347V	3/4 piece/unit	F32T8
199604	OPTANIUM ELE BALLAST (3) F32T8 347V	2/3 piece/unit	F32T8
199778	OPTANIUM ELE BALLAST (3) F32T8 347V	2/3 piece/unit	F32T8

Order Code	Full Product Name	Housing
498659	OPTANIUM ELE BALLAST (4) F32T8 120-277V	N
498873	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
498964	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
503078	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
503094	OPTANIUM ELE BALLAST (3) F32T8 120-277V	N
501569	OPTANIUM ELE BALLAST (2) F32T8 120-277V	N
503193	OPTANIUM ELE BALLAST (2) F96T8 120-277V	N
503102	OPTANIUM ELE BALLAST (4) F32T8 120-277V	SC
510628	OPTANIUM ELE BALLAST (1) F32T8 347V	N
510610	OPTANIUM ELE BALLAST (1) F32T8 347V	N
510636	OPTANIUM ELE BALLAST (2) F32T8 347V	N
510644	OPTANIUM ELE BALLAST (2) F32T8 347V	N
197970	OPTANIUM ELE BALLAST (4) F32T8 347V	SC
197996	OPTANIUM ELE BALLAST (4) F32T8 347V	SC
199604	OPTANIUM ELE BALLAST (3) F32T8 347V	SC
199778	OPTANIUM ELE BALLAST (3) F32T8 347V	SC

Optanium T8 Instant Start

