![Philips Lighting logo]

Optanium T8 Instant Start

OPTANIUM IOP2P59N35I

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

Product data

General Information

Lamp Type	F96T8
Number Of Lamps	1/2 piece/unit
Ballast Type	Electronic Fluorescent
Base Model	IOP2P59N
Suitable For Outdoor Use	Yes
Automatic Restart	Yes

Operating and Electrical

Input Voltage	120 to 277 V
Input Frequency	50 to 60 Hz
Total Harmonic Distortion USA	10 %
Ignition Method	Instant Start
Crestfactor (Nom)	1.6
Ignition Time (Nom)	0.1 s
Ballast Factor (Nom)	0.87
Power Factor (Nom)	0.98
Input Current (Max)	0.95 A
Input Current (Min)	0.4 A
Input Power (Nom)	113-111 W

Rated Lamp Power	59 W

Wiring

Color Input Terminals	No terminals
Color Output Terminals	No terminals
Wire Striplength	0.50/0.375 mm
Lamp Connection	Parallel
Wire Length By Color	See data sheet
Wire Gauge (Nom)	18AWG mm
Wire Type	Solid
Remote Wiring Configuration Allowed	Yes
Tandem Wiring Configuration Allowed	Yes
Through Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	20'
Max Ballast-Lamp Distance Tandem Wiring	Any = 20'
Max Ballast-Lamp Distance Through Wiring	Any = 20'
Connector Type	No connector

Temperature

T-Case Maximum (Nom)	70 °C

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Mechanical and Housing

Housing Material	Metal
Housing	N
Housing Dimensions	9.5" x 1.3" x 1.0"

Approval and Application

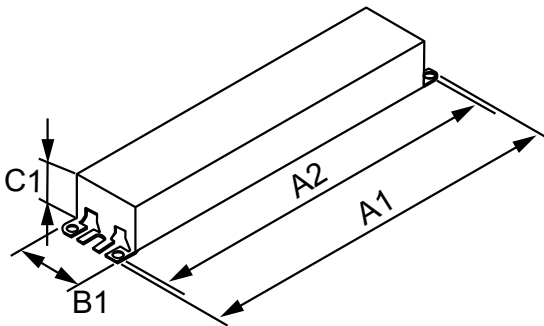|	
EMC Immunity Standard	FCC Non-Consumer
Approval Marks	CSA certificate UL certificate CEC Listing Circle E logo DOE RoHS Compliant
Hum And Noise Level	A
UL Recognized	No

Product Data

Order product name	OPTANIUM IOP2P59N35I
EAN/UPC - Product	781087135624
Order code	913701262101
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	913701262101
Net Weight (Piece)	350.000 g

Dimensional drawing

ELE BALLAST (2) F96T8 120-277V

Product	A1	A2	B1	C1
OPTANIUM IOP2P59N35I	9.5 in	8.9 in	1.3 in	1.0 in