



# Optanium Step Dim

## OPTANIUM ELE BALLAST (2) F54T5/HO 120-277V

Philips Advance Optanium ballasts with step-dim capability for T5 and T8 fluorescent lamps represent an affordable, energy-efficient, and versatile lighting solution designed to meet energy codes such as California's Title 24 and ASHRAE 90.1-2010 that require end users to reduce lighting power consumption by 50%. Operating from any line voltage switching device, the ballast's programmed-start circuitry provides extended lamp life in frequent switching applications like those associated with the use of occupancy sensors or motion detectors making this product the sustainable choice for many commercial applications.

### Product data

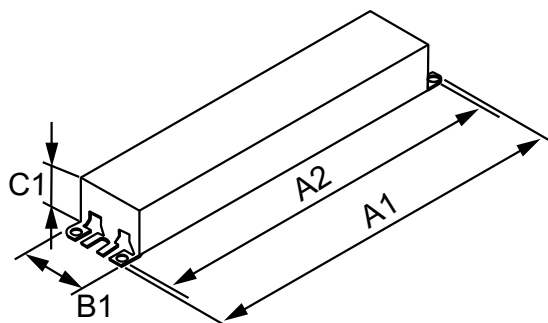
General Information		Input Power (Nom)	
Lamp Type	F54T5/HO	Rated Lamp Watts	54-54 W
Number of Lamps	2 piece/unit		54 W
Ballast Type	Dimmable Fluorescent	Wiring	
Base Model	IOP2S54LSD	Color Input Terminals	BLK & WHT
Suitable For Outdoor Use	Yes	Color Output Terminals	RED, YEL & BLU
Automatic Restart	Yes	Wire Striplength	0.375 mm
Operating and Electrical		Lamp Connection	Series
Input Voltage	120 to 277 V	Wire Length by Color	No wires
Input Frequency	50 to 60 Hz	Wire Gauge (Nom)	18AWG mm
Max THD	10 %	Wire Type	Solid
Starting Method	Programmed Start	Remote Wiring Configuration Allowed	Yes
Lamp Current Crest Factor (Nom)	1.7	Tandem Wiring Configuration Allowed	Yes
Ignition Time (Nom)	1.5 s	Through Wiring Configuration Allowed	Yes
Ballast Factor (Nom)	1.0	Max Ballast-Lamp Distance Remote Wiring	7'
Power Factor (Nom)	0.98	Max Ballast-Lamp Distance Tandem Wiring	Any = 7'
Input Current (Operating) (Max)	0.42 A	Max Ballast-Lamp Distance Through Wiring	Any = 7'
Input Current (Operating) (Min)	0.98 A	Connector Type	Poke-In

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<b>Temperature</b>	
T-Case Maximum (Nom)	70 °C
<b>Mechanical and Housing</b>	
Housing Material	Metal
Housing	D
Housing Dimensions	16.7" x 1.18" x 1.0"
<b>Approval and Application</b>	
EMC Immunity Standard	FCC Non-Consumer
Approbation Marks	CSA certificate UL certificate CEC Listing CEE Rated CSA E NEMA Premium RoHS Compliant
Sound Rating	A

UL Recognized	No
<b>Product Data</b>	
Order product name	OPTANIUM ELE BALLAST (2) F54T5/HO 120-277V
EAN/UPC - Product	781087133873
Order code	IOP2S54LSD35M
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	913701259902
Net Weight (Piece)	531.000 g

### Dimensional drawing



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Product	A1	B1	C1
OPTANIUM IOP2S54LSD35M	16.7 in	1.18 in	1.0 in

