



# Optanium Step Dim

## OPTANIUM ELE BALLAST (2) F28T5 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 Characteristics

Lamp Type	F28T5
Number of Lamps	1/2 piece
Input Voltage	120-277 V
Line Frequency	50/60 Hz
Ballast Type	Electronic Fluorescent
Base Model	IOP2S28115SCSD
Housing	SC
Housing Dimensions	9.5" x 1.7" x 1.18"
Housing Material	Metal
Suitable for Outdoor use?	Yes
Starting Method	Programmed Start
Family Name	Optanium

#### • Operating Characteristics

Automatic restart	Yes
Ignition time	1.5 s
Input Power Gear	72-71 W
Ballast factor	1.15 -
Ballast Efficacy Factor	1.6 -
Power Factor	0.98
Lamp Current Crest Factor	1.6 -
Sound Rating	A
Max THD	10 %

#### • Wiring Characteristics

Color input terminals	No terminals
Color output terminals	No terminals
Connector type	No connector
Wire Striplength	0.50/0.375 mm
Lamp Connection	Series
Wire Gauge	18AWG

Wire Length by Color	See data sheet
Wire Type	Solid
Allowed Wiring Config(Remote)	Yes
Allowed Wiring Config(Tandem)	Yes
Allowed Wiring Config(Through)	Yes
Max Dist. Ball to Lamp(Remote)	7'
Max Dist. Ball to Lamp(Tandem)	Any = 7'
Max Dist. Ball to Lamp(Through)	Any = 7'

#### • System Chars on driver level

Rated Lamp Watts	28W
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#### • Temperature Characteristics

T-case maximum	70 C
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#### • Product Dimensions

Length A1	9.5 in
Length A2	8.90 in
Width B1	1.7 in
Height C1	1.18 in

#### • Approval & Application Chars

EMC Immunity	FCC Non-Consumer
Approbation Marks	UL, CSA, RoHS
UL Listed	Yes
CSA certificate	Yes

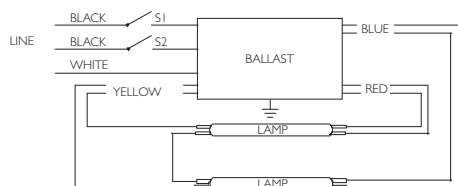
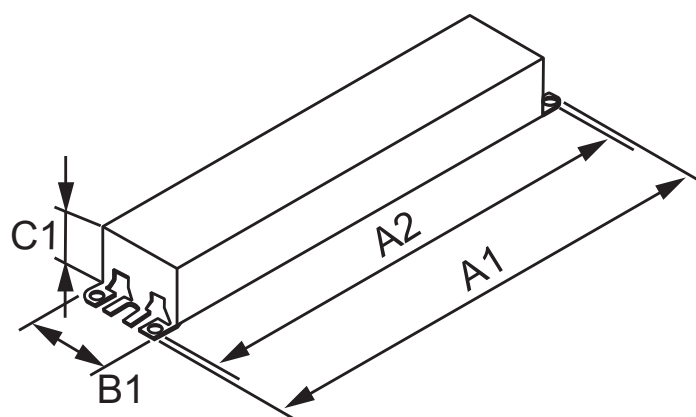
**PHILIPS**

CEC Listing	Yes
CEE Rated	No
Circle E logo	No
CSA E	No
cUL certificate	No
DOE	No
Energy Star	No
FIDE Certificate	No
NEMA Premium	No
NOM certificate	No
RoHS Compliant	Yes
SASO Certificate	No
UL Recognized	No

## • Product Data

Product number	IOP2S28115SCSD35M
Full product name	ELE BALLAST (2) F28T5 120-277V
Short product name	ELE BALLAST (2) F28T5 120-277V
Pieces per Sku	1
Skus/Case	20
Bar code on pack	781087057643
Bar code on case	50781087057655
Logistics code(s)	913710815002
eop_net_weight_pp	0.404 kg

## Dimensional drawing



## OPTANIUM ELE BALLAST (2) F28T5 120-277V

Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	B1 (Norm)	C1 (Norm)
ELE BALLAST (2) F28T5 120-277V	9.5	8.90	-	1.7	1.18



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data subject to change