



# SmartMate

## SMARTMATE ICF2S4290CM2LD35M

Offering maximum versatility, the Philips Advance family of SmartMate ballasts for 4-pin compact fluorescent lamps drive a broad range of quad and triple-tube, circline, 2D, and long twin-tube lamps. SmartMate ballasts' energy efficient design, compact and lightweight housing, and user-friendly features make these ballasts an ideal choice for fixture manufacturers, retrofitters, and MRO replacement.

### Product data

General Information		Rated Lamp Power	
Lamp Type	CFTR42W/GX24Q	Rated Lamp Power	42 W
Number Of Lamps	1/2 piece/unit	<b>Wiring</b>	
Ballast Type	Electronic Fluorescent	Color Input Terminals	Black and White
Base Model	ICF2S4290CM2LD	Color Output Terminals	RED, YEL & BLU
Suitable For Outdoor Use	Yes	Wire Striplength	0.375 mm
Automatic Restart	Yes	Lamp Connection	Series
<b>Operating and Electrical</b>		Wire Length By Color	No wires
Input Voltage	120 to 277 V	Wire Gauge (Nom)	18AWG mm
Input Frequency	50 to 60 Hz	Wire Type	Solid
Total Harmonic Distortion USA	10 %	Remote Wiring Configuration Allowed	Yes
Ignition Method	Programmed Start	Tandem Wiring Configuration Allowed	Yes
Crestfactor (Nom)	1.5	Through Wiring Configuration Allowed	Yes
Ignition Time (Nom)	1.5 s	Max Ballast-Lamp Distance Remote Wiring	1-L = 15' / 2-L = 6'
Ballast Factor (Nom)	0.97	Max Ballast-Lamp Distance Tandem Wiring	2-L: Red = 6'
Power Factor (Nom)	0.98	Max Ballast-Lamp Distance Through Wiring	2-L: Red = 6'
Input Current (Max)	0.78 A	Connector Type	Poke-In
Input Current (Min)	0.78 A	<b>Temperature</b>	
Input Power (Nom)	93-93 W	T-Case Maximum (Nom)	90 °C

**Mechanical and Housing**

Housing Material	Metal
Housing	M2
Housing Dimensions	4.98" x 3.0" x 1.29"

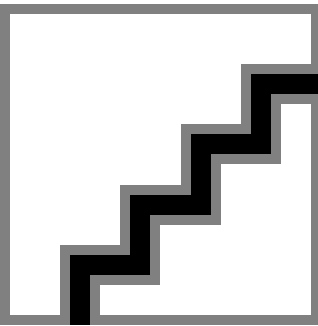
**Approval and Application**

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

**Product Data**

Full product code	978108708299700
Order product name	SMARTMATE ICF2S4290CM2LD35M
EAN/UPC - Product	781087044025
Order code	913710262302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	913710262302
Net Weight (Piece)	0.373 kg

**Dimensional drawing**



ELE BALLAST (2) 42W CFL (4-PIN) 120-277V

Product	A1	A2	A3	B1	C1
SMARTMATE ICF2S4290CM2LD35M	4.55 in	4.20 in	2.00 in	3.00 in	1.29 in

