



SmartMate

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

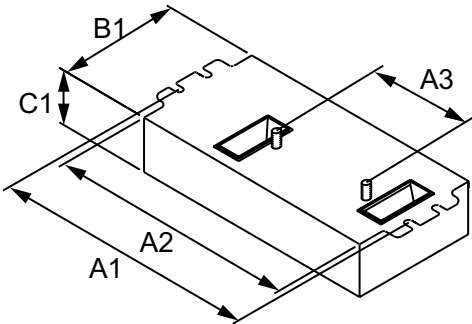
General Information	
Number of lamps	1/2 piece/unit
Ballast type	Electronic Fluorescent
Suitable for outdoor use	Yes
Automatic restart	Yes
Operating and Electrical	
Input voltage	120 to 277 V
Input frequency	50 to 60 Hz
Total harmonic distortion USA	10 %
Ignition method	Programmed Start
Crest factor (nom.)	1.7
Ignition time (nom.)	1.5 s
Ballast factor (nom.)	1
Power factor (nom.)	0.98
Input current (max.)	0.14 A
Input current (min.)	0.07 A
Input power (nom.)	35-35 W
Rated lamp power	18 W
Wiring	
Colour input terminals	BLK & WHT
Colour output terminals	RED, YEL & BLU
Wire strip length	0.375 mm
Lamp connection	Series

Wire length by colour	No wires
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	1-L = 15' / 2-L = 6'
Max. ballast-lamp distance tandem wiring	2-L: Red = 6'
Max. ballast-lamp distance through-wiring	2-L: Red = 6'
Connector type	Poke-In
Temperature	
T-Case maximum (nom.)	75 °C
Mechanical and Housing	
Housing material	Metal
Housing	H1
Housing dimensions	4.98" x 2.4" x 1.0"
Approval and Application	
EMC immunity standard	FCC Non-Consumer
Approval marks	CSA certificate UL certificate RoHS compliance
Humming and noise level	A

Product Data	
Order product name	SMARTMATE ELE BALLAST (2) 18W CFL (4-PIN) 120-277V
EAN/UPC – product	781087102909
Numerator – quantity per pack	1

Numerator – packs per outer box	20
Material no. (12NC)	913700508951
Net weight (piece)	0.168 kg

Dimensional drawing



SMARTMATE ICF2S18H1LD35M

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