



# **SmartMate**

## SMARTMATE ELE BALLAST (1) 38W 2D (4-PIN) 120-277V

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				
Lamp Type	CFS38W/GR10Q			
Number of Lamps	1 piece/unit			
Ballast Type	Electronic Fluorescent			
Base Model	ICF1D38H1LD			
Suitable For Outdoor Use	Yes			
Automatic Restart	Yes			
Operating and Electrical				
Input Voltage	120 to 277 V			
Input Frequency	50 to 60 Hz			
Max THD	10 %			
Starting Method	Programmed Start			
Lamp Current Crest Factor (Nom)	1.5			
Ignition Time (Nom)	1.5 s			
Ballast Factor (Nom)	0.85			
Power Factor (Nom)	0.98			
Input Current (Operating) (Max)	0.26 A			
Input Current (Operating) (Min)	0.11 A			
Input Power (Nom)	31-31 W			

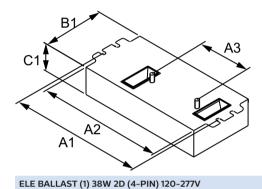
Rated Lamp Watts	38 W				
Mining					
Wiring					
Color Input Terminals	BLK & WHT				
Color Output Terminals	RED, YEL & BLU				
Wire Striplength	0.375 mm				
Lamp Connection	Series				
Wire Length by Color	No wires				
Wire Gauge (Nom)	18AWG mm				
Wire Type	Solid				
Remote Wiring Configuration Allowed	Yes				
Tandem Wiring Configuration Allowed	No				
Through Wiring Configuration Allowed	No				
Max Ballast-Lamp Distance Remote Wiring	15'				
Max Ballast-Lamp Distance Tandem Wiring	s NA				
Max Ballast-Lamp Distance Through Wiring	NA				
Connector Type	Poke-In				
Temperature					
T-Case Maximum (Nom)	75 ℃				

### **SmartMate**

Mechanical and Housing				
Housing Material	Metal-Plastic			
Housing	H1			
Housing Dimensions	4.98" x 2.4" x 0.98"			
Approval and Application				
EMC Immunity Standard	FCC Non-Consumer			
Approbation Marks	CSA certificate UL certificate RoHS			
	Compliant			
Sound Rating	A			
UL Recognized	No			

Product Data				
Order product name	SMARTMATE ELE BALLAST (1) 38W 2D (4-			
	PIN) 120-277V			
EAN/UPC - Product	781087029046			
Order code	ICF1D38H1LD35M			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	20			
Material Nr. (12NC)	913710207202			
Net Weight (Piece)	0.168 kg			

#### Dimensional drawing



Product	A1	A2	A3	B1	C1
SMARTMATE ICF1D38H1LD35M	4.60 in	4.20 in	2.00 in	2.40 in	0.98 in





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