# **PHILIPS** Lighting



# The smart choice for maximum flexibility

# **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.

#### Benefits

- Reduces SKU requirements and inventory costs
- $\cdot$  Enhances wiring accuracy and ease of assembly/installation
- Eliminates interference with infrared systems, anti-theft devices, or other electronic equipment

#### Features

- IntelliVolt (120-277V) input voltage range
- 1 or 2 Lamp operation
- Color-coded connectors
- Operates multiple lamp wattages

#### Application

• Restaurants, reception areas, conference and meeting rooms, hotel and convention center ballrooms, or when combined with CFL lamps, as an energy efficient replacement for incandescent down-lighting systems

## **SmartMate**

#### Versions







ICF2S13H1LDK

ICF2S42M2LD45M

#### Dimensional drawing







Studs for -BS models only -LD models do not have mounting studs

#### ICN3TTP40SC35I

| Product                  |  |
|--------------------------|--|
| SMARTMATE ICE2S18H1LD35M |  |

| SMARTMATE ICF2516HILD55M   |   |
|----------------------------|---|
| SMARTMATE ICF2S26M1BSQS35M | 4.60 in 4.20 in 2.00 in 2.40 in 0.98 in |
| SMARTMATE ICF2S13H1LD35M   | 4.60 in 4.20 in 2.00 in 2.40 in 0.98 in |
| SMARTMATE ICF2S26M1BS35M   | 4.60 in 4.20 in 2.00 in 2.40 in 0.98 in |
| SMARTMATE ICF2S18M1BS35M   | 4.60 in 4.20 in 2.00 in 2.40 in 0.98 in |
| SMARTMATE ICF2S13M1BS35M   | 4.60 in 4.20 in 2.00 in 2.40 in 0.98 in |
| SMARTMATE ICF2S26H1LD35M   | 4.60 in 4.20 in 2.00 in 2.40 in 0.98 in |
| SMARTMATE ICF2S26H1LDK     | 4.60 in 4.20 in 2.00 in 2.40 in 0.98 in |
| SMARTMATE ICF2S18H1LDK     | 4.60 in 4.20 in 2.00 in 3.00 in 1.29 in |
| SMARTMATE ICF2S13H1LDK     | 4.60 in 4.20 in 2.00 in 3.00 in 1.29 in |

| Product                  | A1     | A2      | B1     | C1      |
|--------------------------|--------|---------|--------|---------|
| SMARTMATE ICN1TTP40SC35M | 9.5 in | 8.90 in | 1.7 in | 1.18 in |
| SMARTMATE ICN2TTP40SC35M | 9.5 in | 8.90 in | 1.7 in | 1.18 in |
| SMARTMATE ICN2TTP40SC35I | 9.5 in | 8.90 in | 1.7 in | 1.18 in |
| SMARTMATE ICN3TTP40SC35M | 9.5 in | 8.90 in | 1.7 in | 1.18 in |
| SMARTMATE ICN3TTP40SC35I | 9.5 in | 8.90 in | 1.7 in | 1.18 in |

| Product                     | A1      | A2      | A3      | B1      | C1      |
|-----------------------------|---------|---------|---------|---------|---------|
| SMARTMATE ICF2S4290CM2LD35M | 4.55 in | 4.20 in | 2.00 in | 3.00 in | 1.29 in |
| SMARTMATE ICF2S42M2LDK      | 4.55 in | 4.20 in | 2.00 in | 3.00 in | 1.29 in |
| SMARTMATE ICF2S42M2BS35M    | 4.55 in | 4.20 in | 2.00 in | 3.00 in | 1.29 in |
| SMARTMATE ICF2S42M2LD35M    | 4.55 in | 4.20 in | 2.00 in | 3.00 in | 1.29 in |

### **SmartMate**

| Operating and Electrical      |              |
|-------------------------------|--------------|
| Input Frequency               | 50 to 60 Hz  |
| Input Voltage                 | 120 to 277 V |
| Total Harmonic Distortion USA | 10 %         |

#### **General Information**

|              |                               | Number Of      |             |
|--------------|-------------------------------|----------------|-------------|
| Order Code   | Full Product Name             | Lamps          | Lamp Type   |
| 913700500811 | SMARTMATE ELE BAL (2) 13W CFL | 1/2 piece/unit | CFQ13W/G24Q |
|              | (4-PIN) 120-277V KIT          |                |             |
| 913700500821 | SMARTMATE ELE BAL (2) 18W CFL | 1/2 piece/unit | CFQ18W/G24Q |
|              | (4-PIN) 120-277V KIT          |                |             |
| 913700500831 | SMARTMATE ELE BAL (2) 26W CFL | 1/2 piece/unit | CFQ26W/G24Q |
|              | (4-PIN) 120-277V KIT          |                |             |
| 913710209004 | SMARTMATE ELE BAL (2) 42W CFL | 1/2 piece/unit | CFTR42W/    |
|              | (4-PIN) 120/277V KIT          |                | GX24Q       |
| 913700508491 | SMARTMATE ELE BALLAST (2) 42W | 1/2 piece/unit | CFTR42W/    |
|              | CFL (4-PIN) 120-277V          |                | GX24Q       |
| 913700508951 | SMARTMATE ELE BALLAST (2) 18W | 1/2 piece/unit | -           |
|              | CFL (4-PIN) 120-277V          |                |             |
| 913700508961 | SMARTMATE ELE BALLAST (2) 26W | 1/2 piece/unit | CFQ26W/G24Q |
|              | CFL (4-PIN) 120-277V          |                |             |
| 913700521201 | SMARTMATE ELE BALLAST (2) 42W | 1/2 piece/unit | CFTR42W/    |
|              | CFL (4-PIN) 120-277V          |                | GX24Q       |
| 913700532201 | SMARTMATE ELE BALLAST (2) 13W | 1/2 piece/unit | CFQ13W/G24Q |
|              | CFL (4-PIN) 120-277V          |                |             |
| 913700532301 | SMARTMATE ELE BALLAST (2) 18W | 1/2 piece/unit | CFQ18W/G24Q |
|              | CFL (4-PIN) 120-277V          |                |             |
|              |                               |                |             |

|              |                               | Number Of      |             |
|--------------|-------------------------------|----------------|-------------|
| Order Code   | Full Product Name             | Lamps          | Lamp Type   |
| 913700532401 | SMARTMATE ELE BALLAST (2) 26W | 1/2 piece/unit | CFQ26W/G24Q |
|              | CFL (4-PIN) 120-277V          |                |             |
| 913710207502 | SMARTMATE ELE BALLAST (2) 13W | 1/2 piece/unit | CFQ13W/G24Q |
|              | CFL (4-PIN) 120-277V          |                |             |
| 913710262302 | SMARTMATE ELE BALLAST (2) 42W | 1/2 piece/unit | CFTR42W/    |
|              | CFL (4-PIN) 120-277V          |                | GX24Q       |
| 913710817302 | SMARTMATE ELE BALLAST (2) 26W | 1/2 piece/unit | CFQ26W/G24Q |
|              | CFL (4-PIN) 120-277V          |                |             |
| 913710835401 | SMARTMATE ELE BALLAST (3) 40W | 2/3 piece/unit | FT40W/2G11  |
|              | CFL (4-PIN) 120-277V          |                |             |
| 913710835402 | SMARTMATE ELE BALLAST (3) 40W | 2/3 piece/unit | FT40W/2G11  |
|              | CFL (4-PIN) 120-277V          |                |             |
| 913710835501 | SMARTMATE ELE BALLAST (2) 40W | 1/2 piece/unit | FT40W/2G11  |
|              | CFL (4-PIN) 120-277V          |                |             |
| 913710835502 | SMARTMATE ELE BALLAST (2) 40W | 1/2 piece/unit | FT40W/2G11  |
|              | CFL (4-PIN) 120-277V          |                |             |
| 913710835602 | SMARTMATE ELE BALLAST (1) 40W | 1 piece/unit   | FT40W/2G11  |
|              | CFL (4-PIN) 120-277V          |                |             |

#### Mechanical and Housing

| Order Code   | Full Product Name                                  | Housing |
|--------------|--|---------|
| 913700500811 | SMARTMATE ELE BAL (2) 13W CFL (4-PIN) 120-277V KIT | H1      |
| 913700500821 | SMARTMATE ELE BAL (2) 18W CFL (4-PIN) 120-277V KIT | H1      |
| 913700500831 | SMARTMATE ELE BAL (2) 26W CFL (4-PIN) 120-277V KIT | H1      |
| 913710209004 | SMARTMATE ELE BAL (2) 42W CFL (4-PIN) 120/277V KIT | M2      |
| 913700508491 | SMARTMATE ELE BALLAST (2) 42W CFL (4-PIN) 120-277V | M2      |
| 913700508951 | SMARTMATE ELE BALLAST (2) 18W CFL (4-PIN) 120-277V | H1      |
| 913700508961 | SMARTMATE ELE BALLAST (2) 26W CFL (4-PIN) 120-277V | H1      |
| 913700521201 | SMARTMATE ELE BALLAST (2) 42W CFL (4-PIN) 120-277V | M2      |
| 913700532201 | SMARTMATE ELE BALLAST (2) 13W CFL (4-PIN) 120-277V | H1      |
| 913700532301 | SMARTMATE ELE BALLAST (2) 18W CFL (4-PIN) 120-277V | M1      |

| Order Code   | Full Product Name                                  | Housing |
|--------------|--|---------|
| 913700532401 | SMARTMATE ELE BALLAST (2) 26W CFL (4-PIN) 120-277V | M1      |
| 913710207502 | SMARTMATE ELE BALLAST (2) 13W CFL (4-PIN) 120-277V | H1      |
| 913710262302 | SMARTMATE ELE BALLAST (2) 42W CFL (4-PIN) 120-277V | M2      |
| 913710817302 | SMARTMATE ELE BALLAST (2) 26W CFL (4-PIN) 120-277V | M1      |
| 913710835401 | SMARTMATE ELE BALLAST (3) 40W CFL (4-PIN) 120-277V | SC      |
| 913710835402 | SMARTMATE ELE BALLAST (3) 40W CFL (4-PIN) 120-277V | SC      |
| 913710835501 | SMARTMATE ELE BALLAST (2) 40W CFL (4-PIN) 120-277V | SC      |
| 913710835502 | SMARTMATE ELE BALLAST (2) 40W CFL (4-PIN) 120-277V | SC      |
| 913710835602 | SMARTMATE ELE BALLAST (1) 40W CFL (4-PIN) 120-277V | SC      |

#### **SmartMate**



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