QUICKTRONIC® PROStart® CF
Universal Dual Entry Systems
Professional Series

Lamp / Ballast Guide

<table>
<thead>
<tr>
<th>Lamp Type</th>
<th>Ballast Type</th>
<th>Number of Lamps</th>
</tr>
</thead>
<tbody>
<tr>
<td>13W T4</td>
<td>DULUX D/E, T/E lamps</td>
<td>1-amp or 2-amp QTP1/2x13CF/UNV</td>
</tr>
<tr>
<td>18W T4</td>
<td>DULUX D/E, T/E lamps</td>
<td>1-amp or 2-amp QTP1/2x18CF/UNV</td>
</tr>
<tr>
<td>26W T4</td>
<td>DULUX D/E, T/E lamps</td>
<td>1-amp QTP2x26CF/UNV, 2-amp QTP2x26CF/UNV</td>
</tr>
<tr>
<td>32 or 42W T4</td>
<td>DULUX T/E lamps</td>
<td>1-amp QTP2x26CF/UNV, 2-amp QTP2x26/32/42CF/UNV</td>
</tr>
<tr>
<td>57W or 70W T4</td>
<td>DULUX lamps</td>
<td>1-amp QTP2x26/32/42CF/UNV</td>
</tr>
</tbody>
</table>

For other lamp types, refer to the Performance Guide section on the next page.

Key System Features

- Universal Input Voltage (120-277V)
- Dual entry, color coded connectors
- PROStart Ballasts program rapid start
- QUICKSENSE ballast technology
- High Power Factor
- Low Harmonic Distortion
- Small size and lightweight
- Metal enclosure
- UL, CSA, FCC
- QUICK 60+ warranty
- RoHS compliant
- Lead-free solder, printed circuit board and manufacturing process

Application Information

QUICKTRONIC CF ballasts are ideally suited for:
- Recessed downlights
- Wall sconces
- Ceiling fixtures
- Commercial
- Retail, hospitality, institutional

System Information

PROStart programmed rapid start is the optimum starting method, providing up to 100,000 switching cycles for use on occupancy sensors and building control systems.

QUICKSENSE® end-of-lamp-life sensing technology helps to protect against overheated bases and sockets, as well as cracking of the glass wall. QUICKSENSE ballast technology uses dynamic end-of-lamp-life sensing to avoid false shutdowns caused by some static sensing methods and will auto-reset when the end-of-life lamps are replaced with new ones.

QUICKTRONIC CF ballasts come with wire-trap connectors for quick and easy installation.

Setting the standard for quality, QUICKTRONIC PROStart CF Systems are covered by our QUICK 60+® warranty, the first and most comprehensive system warranty in the industry.
### Universal Voltage (120-277V)

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Input Current (AMPS)</th>
<th>Lamp Type</th>
<th>Rated Lumens (lm)</th>
<th>No. of Lamps</th>
<th>Ballast Factor (BF)</th>
<th>System Lumens</th>
<th>Mean Lumens</th>
<th>Input Power (Watts)</th>
<th>System Efficacy (lm/W)</th>
<th>BEF</th>
</tr>
</thead>
<tbody>
<tr>
<td>51818</td>
<td>QTP1/2x13CF/UNV DM</td>
<td>0.25/0.11</td>
<td>13W DD/E, T/E</td>
<td>900</td>
<td>1</td>
<td>1.00</td>
<td>900</td>
<td>775</td>
<td>16</td>
<td>56</td>
<td>6.25</td>
</tr>
<tr>
<td>51823</td>
<td>QTP1/2x18CF/UNV DM</td>
<td>0.32/0.14</td>
<td>18W DD/E, T/E</td>
<td>1200</td>
<td>2</td>
<td>1.00</td>
<td>1200</td>
<td>1030</td>
<td>20</td>
<td>60</td>
<td>5.37</td>
</tr>
<tr>
<td>51833</td>
<td>QTP2x26CF/UNV DM</td>
<td>0.50/0.22</td>
<td>26W DD/E, T/E</td>
<td>1800</td>
<td>2</td>
<td>1.00</td>
<td>1800</td>
<td>1550</td>
<td>28</td>
<td>64</td>
<td>3.57</td>
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<tr>
<td>51863</td>
<td>QTP2x26/32/42CF/UNV DM</td>
<td>0.90/0.40</td>
<td>26W DD/E, T/E</td>
<td>1800</td>
<td>2</td>
<td>1.02</td>
<td>3670</td>
<td>3155</td>
<td>54</td>
<td>68</td>
<td>1.89</td>
</tr>
</tbody>
</table>

1. Also compatible with other manufacturers’ equivalent 4 pin lamp types that meet ANSI specifications.
2. Rated lamp lumens and performance data based on DULUX T/E series 4 pin lamps.
3. Data is for all models within the brackets. The maximum input current is shown for maximum input power.
4. Ballast Efficiency Factor (BEF) shown = (Ballast Factor x 100) divided by Input Power (Note: calculation based on lowest wattage value).

### Metal Case (51843 & 51863)

- **Ballast**: Metal M Case 1 Lamp
- **Input Voltage**: 120-277V
- **Power Factor**: >98%
- **Starting Temp**: -40°C
- **Start Method**: Programmable Rapid Start
- **System Life**: 50,000 hours
- **Warranty**: 5 years

#### Wiring:
- Push-in connectors (no leads provided)
- Use 18AWG solid copper wire only

### Small Metal Case (51818, 51823, 51833 & 51908)

- **Ballast**: Metal M Case 2 Lamp
- **Input Voltage**: 120-277V
- **Power Factor**: >98%
- **Starting Temp**: -40°C
- **Start Method**: Programmable Rapid Start
- **System Life**: 50,000 hours
- **Warranty**: 5 years

#### Wiring:
- Push-in connectors (no leads provided)
- Use 18AWG solid copper wire only

### System Life / Warranty

QUICKTRONIC products are covered by the QUICK 60+ warranty, a comprehensive lamp and ballast system warranty. For additional details, refer to the QUICK 60+ warranty bulletin.

### Specifications

- **Line Voltage**: (Dual Mount) 120-277V
- **Primary Lamp Wattage**: 2-lamp: CF13DSE, FT18DL, FT18DF, T9/4T15, FT18T9D 2-lamp: CF26D7, FT40DL 1-lamp: CF22T8, FT24DL, FT24DF
- **Starting Method**: Programmable Rapid Start
- **Circuit Type**: Series
- **Input Voltage**: 120-277V
- **Power Factor**: >98%
- **Starting Temp**: -40°C
- **System Life**: 50,000 hours
- **Warranty**: 5 years