

<10% THD Electronic T4 Compact Fluorescent Programmed Rapid Start Systems

# QUICKTRONIC® PROStart® CF – UNIVERSAL DUAL ENTRY

## Professional Series

Lamp/Ballast Guide
<p><b>Primary Systems</b>  <b>13W T4 – DULUX D/E, T/E</b>                      1-lamp or 2-lamp                      QTP1/2x13CF/UNV</p>
<p><b>18W T4 – DULUX D/E, T/E</b>                      1-lamp or 2-lamp                      QTP1/2x18CF/UNV</p>
<p><b>26W T4 – DULUX D/E, T/E</b>                      1-lamp QTP2x26CF/UNV                      2-lamp QTP2x26CF/UNV</p>
<p><b>32 or 42W T4 – DULUX T/E</b>                      1-lamp QTP2x26CF/UNV                      2-lamp QTP2x26/32/42CF/UNV M</p>
<p><b>57W or 70W T4 – DULUX T/E</b>                      1-lamp QTP2x26/32/42CF/UNV M</p>
<p>For other lamp types, refer to the Performance Guide section on the next page.</p>

**SYLVANIA QUICKTRONIC CF** operates DULUX® D/E and T/E lamps with full lumen output and optimal system performance.

QUICKTRONIC CF features one mounting style of low profile, lightweight enclosures to provide simple assembly for any fixture application.

Universal Input Voltage (120–277V) and multi-lamp multi-watt capability allow for fewer SKUs to support a wide range of applications.

**Dual entry, color coded connectors** located on the side and bottom allow for increased mounting flexibility with one ballast and also increased ease of installation.

Setting the standard for quality, QUICKTRONIC CF is also covered by our QUICK 60+® warranty, the first and most comprehensive system warranty in the industry.



Key System Features
<ul style="list-style-type: none"> <li>• Universal Input Voltage</li> <li>• <b>Dual entry, color coded connectors</b></li> <li>• PROStart Ballasts</li> <li>• QUICKSENSE Ballast Technlgy.</li> <li>• High Power Factor</li> <li>• Low Harmonic Distortion</li> <li>• Small size and lightweight</li> <li>• Metal enclosure</li> <li>• UL, CSA, FCC</li> <li>• QUICK 60+ warranty</li> </ul>

### 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 comes with wire-trap connectors for quick and easy installation.

A complete OSRAM SYLVANIA System Performance Guide showing performance characteristics of lamps and ballasts is available upon request.

Application Information
<p><b>SYLVANIA QUICKTRONIC CF</b> is ideally suited for:</p> <ul style="list-style-type: none"> <li>• Recessed downlights</li> <li>• Wall sconces</li> <li>• Ceiling fixtures</li> <li>• Commercial</li> <li>• Retail, hospitality, institutional</li> </ul>

Metal Enclosure Styles
 <p><b>Dual Entry Metal</b> Top &amp; Bottom Mount Capabilities</p>
 <p><b>M</b></p>
 <p><b>M PEM</b></p>

ECS073

# CF UNIVERSAL

## Normal Ballast Factor

### <10% THD Electronic T4 PROStart® Compact Fluorescent Programmed Rapid Start Systems

Item Number	Description <sup>3</sup>	Input Voltage (VAC)	Input Current (AMPS)	Lamp <sup>1</sup> Type	Rated <sup>2</sup> Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Input Power (Watts)	System Efficacy (lm/W)
51818	QTP 1/2x13CF/UNV	120-277	0.25/0.11	13W DD/E,T/E	900	1	1.00	900	16	56
				13W DD/E,T/E	900	2	1.00	1800	29	62
51823	QTP 1/2x18CF/UNV	120-277	0.32/0.14	18W DD/E,T/E	1200	1	1.00	1200	20	60
				18W DD/E,T/E	1200	2	1.00	2400	38	63
51833	QTP 2x26CF/UNV	120-277	0.50/0.22	26W DD/E,T/E	1800	1	1.00	1800	28	64
51898	QTP 2x26CF/UNV PEM			26W DD/E,T/E	1800	2	1.00	3600	54	67
				32W DT/E	2400	1	0.98	2350	35	67
				42W DT/E	3200	1	1.00	3200	45	71
51843	QTP 2x26/32/42CF/UNV M	120-277	0.90/0.40	26W DT/E	1800	2	1.02	3670	54	68
51863	QTP 2x26/32/42CF/UNV M PEM			32W DT/E	2400	2	0.96	4600	69	67
				42W DT/E	3200	2	0.95	6080	94	65
				57W DT/E	4300	1	1.00	4300	62	69
			0.57/0.25	70W DT/E	5200	1	0.92	4780	71	67

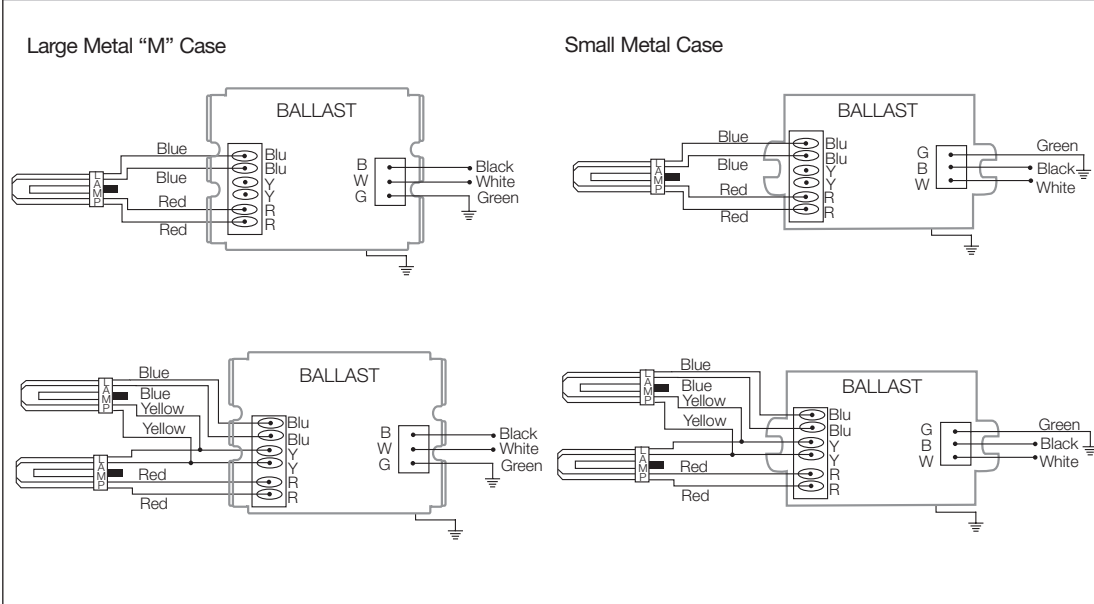
### Performance Guide

**QTP 2x26CF/UNV models also operates:**  
 1-lamp CF28/2D, CF38/2D, FPC40/T5, FT40DL  
 1- or 2-lamp FPC22/T5, FT24DL, FT24DF  
 2-lamp CF13DSE, FT18DL, FT18DF, CF21/2D

**QTP 2x26/32/42CF/UNV models also operates:**  
 2-lamp FT36DL, FT40DL, FPC40T5  
 1+1 FPC22/T5 / FPC40/T5

1 Also compatible with other manufacturers' equivalent 4 pin lamp types that meet ANSI standards.  
 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 The following models will be discontinued: 51718 QTP 1/2x13CF/UNV BS, 51748 QTP 1/2x13CF/UNV TS, 51723 QTP 1/2x18CF/UNV BS, 51753 QTP 1/2x18CF/UNV TS, 51733 QTP 2x26CF/UNV BS, 51763 QTP 2x26CF/UNV TS, 51738 QTP 1/2xCF/UNV BM, 51798 QTP 1/2xCF/UNV PM, 51768 QTP 1/2xCF/UNV TM, 51743 QTP 2x26/32/42CF/UNV BM, 51803 QTP 2x26/32/42CF/UNV PM, 51773 QTP 2x26/32/42CF/UNV TM, 51740 QTP 1x57CF/UNV BM, 51800 QTP 1x57CF/UNV PM  
 © New Product. Contact OSRAM SYLVANIA for product availability.

### Specifications\*



**Starting Method:** Programmed Rapid-Start  
**Circuit Type:** Series  
**Lamp Frequency:** > 40KHz  
**Lamp CCF:** Less than 1.7  
**Starting Temp:** -5°F/-20°C min.<sup>5</sup>  
**Input Frequency:** 50/60 Hz  
**Low THD:** < 10%  
**Power Factor:** > 98%  
**Voltage Range:** 108-305V  
 UL Listed Class P, Type 1 Outdoor  
 CSA or C/UL Certified  
 75°C Max Case Temp. (5 yr. warranty)  
 80°C Max Case Temp. (3 yr. warranty)  
 FCC 47CFR Part 18 Non-Consumer  
 Sound Rated A  
 ANSI C62.41 Cat. A Transient Protection  
 Dynamic End-of-Lamp-Life Sensing  
 Remote Mounting Capability<sup>6</sup>

**Dimensions:**  
 Large Metal "M" case: 4.95" L x 2.93" W x 1.35" H  
 Small Metal case: 4.95" L x 2.37" W x 1.10" H  
**Mounting:** Utilize flanges (4.57" L), or (2) #8-32 x 0.375" Long PEM studs on 2" centers

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

**Packaging:**  
 Quantity: 20 pieces for Small case  
 20 pieces for -M and -PEM  
 Weight: 0.40 lbs ea. (Small Metal case)  
 0.90 lbs ea. (Large Metal "M" case)

### System Life / Warranty

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

\* See the SYLVANIA QUICKTRONIC Electronic Ballast Technology & Specification Guide (ECS-ELECTRONIC) for additional information.  
 \* See wiring diagrams for proper installation.  
 5 Operation below 50°F may affect light output or lamp operation – see Low Temperature Starting definition.  
 6 Typically 6 ft. with suitable ground plane, but varies by model and application – please contact ECS Application Engineering for information on longer applications.

Item Number **51843 QTP 2 x 26/32/42 CF/UNV M** Case Type  
 QUICKTRONIC PROFESSIONAL Line Voltage  
 Number of Lamps (1, 2) Primary Lamp Wattage

### Ordering Guide

Specifications subject to change without notice.

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