

<10% THD Electronic TT5 Fluorescent Programmed Rapid Start Systems

QUICKTRONIC® PROStart® DL40

Professional Series

Normal Light Output

Lamp/Ballast Guide

40W T5 - DULUX® L

- 1-lamp QTP1x40TT5 PSN-F
- 2-lamp QTP2x40TT5 PSN-F
- 3-lamp QTP3x40TT5 PSN-B

Primary Lamp Type:
FT40DL

SYLVANIA QUICKTRONIC PROStart DL40 operates DULUX L 40 lamps with maximum efficacy and high lumen output.

PROStart DL40 provides over 20% more lumen output than 34T12 systems. Also, the small lamp diameter and sleek profile provide new design options and improved fixture optics.

SYSTEM DL40 ballasts contain QUICKSENSE ballast technology, a patented circuitry designed to shut down the system reliably and safely when the lamps have reached their end-of-life.

Setting the standard for quality, SYSTEM DL40 is also covered by our QUICK 60+® warranty, the first and most comprehensive system warranty in the industry.

Key System Features

- PROStart Programmed Rapid Start Ballast
- 88% Ballast factor
- QUICKSENSE® ballast technology (end-of-lamp-life sensing)
- 0°F Starting
- High luminous efficacy
- Virtually eliminates lamp flicker
- Quiet operation
- High power factor
- Low harmonic distortion
- Lightweight
- Wiretrap connectors – available with or without leads pre-inserted
- UL, CSA, FCC
- Auto Reset

System Information

QUICKTRONIC PROStart ballasts provide optimum starting conditions to provide over 50,000 switching cycles for occupancy sensor and building control system applications.

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

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



SYSTEM PROStart DL40 is available in one, two, and three lamp models in 120V and 277V to cover a wide range of applications.

System Type (2 x 2)	Input Wattage	Initial Lumens	System LPW
FB40T12 - Std. Magnetic Ballast	96	5795	60
FB40T12 - E.S. Magnetic Ballast	86	5795	67
FB34T12 - E.S. Magnetic Ballast	72	4575	66
FB032T8 - Magnetic	71	5415	76
DL40 - QTP2x40TT5-PSN	76	5545	73
DL40 - QTP3x40TT5-PSN	110	8315	76

Application Information

SYLVANIA QUICKTRONIC PROStart DL40

is ideally suited for:

- Occupancy Sensors
- Building Control Systems
- Any applications where maximum lamp life is required to reduce maintenance costs

<10% THD Electronic TT5 Compact Fluorescent Systems

Performance Guide

Item Number	Description	Input Voltage (VAC)	Input Current (AMPS)	Lamp ¹ Type	Rated ² Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Input Wattage (W)	System Efficacy (lm/W)
50320	QTP 1x40TT5/120 PSN-F <i>Formerly: M1-PN-TT5/40-F-120</i>	120	0.32	FT40T5	3150	1	0.88	2770	38	73
50330	QTP 1x40TT5/277 PSN-F <i>Formerly: M1-PN-TT5/40-F-277</i>	277	0.13	FT40T5	3150	1	0.88	2770	37	75
50340	QTP 2x40TT5/120 PSN-F <i>Formerly: M2-PN-TT5/40-F-120</i>	120	0.63	FT40T5	3150	2	0.88	5545	76	73
50350	QTP 2x40TT5/277 PSN-F <i>Formerly: M2-PN-TT5/40-F-277</i>	277	0.27	FT40T5	3150	2	0.88	5545	73	76
50360	QTP 3x40TT5/120 PSN-B <i>Formerly: M3-PN-TT5/40-B-120</i>	120	0.92	FT40T5	3150	3	0.88	8315	110	76
50370	QTP 3x40TT5/277 PSN-B <i>Formerly: M3-PN-TT5/40-B-277</i>	277	0.39	FT40T5	3150	3	0.88	8315	108	77

¹ Also compatible with other manufacturer's equivalent lamp types that meet ANSI standards.
² Rated lamp lumens and performance data based on DULUX® L 40 series lamps.

Specifications^{1,2}

Starting Method: Programmed Rapid Start
Ballast Factor: 0.88
Circuit Type: Series
Lamp Frequency: > 40 KHz
Lamp CCF: Less than 1.5
Starting Temp: 0°F²
Input Frequency: 60 Hz
Low THD: < 10%
Power Factor: > 99%
Voltage Range: +/-10% of Rated Input

UL Listed Class P, Type 1 Outdoor
 CSA Certified
 70°C Max Case Temperature
 FCC 47CFR Part 18 Non-Consumer
 Class A Sound Rating
 ANSI C62.41 Cat. A Transient Protection
 Remote Mounting up to 10 feet

¹ Data based on DL40 lamps. See the SYLVANIA QUICKTRONIC Electronic Ballast Technology and Specification Guide (ECS-ELECTRONIC) for other system combinations.

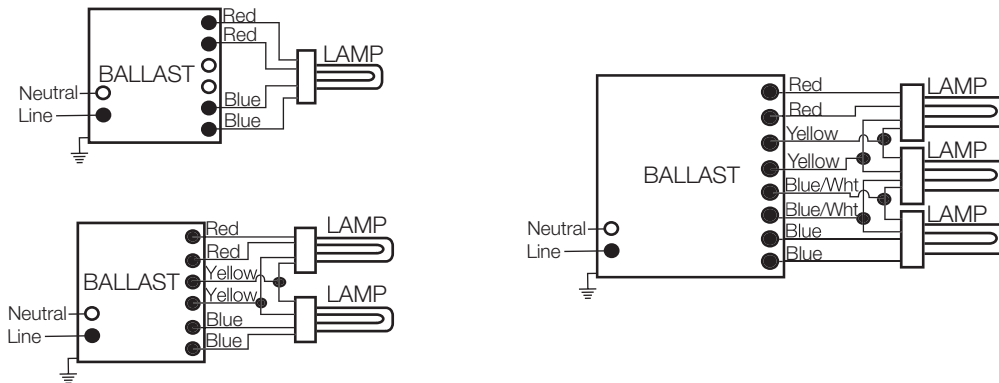
² Operation below 50°F may affect light output or lamp operation – see "Low Temp. Starting" definition.

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.

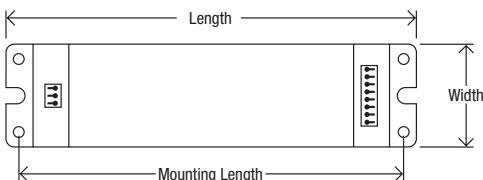
Ordering Guide

Specifications subject to change without notice.



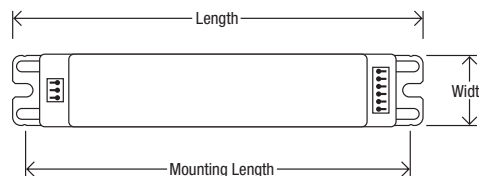
Dimensions "B" Enclosure:

Overall: 9.5" L x 2.38" W x 1.25" H
 Mounting: 8.91"
 Weight: 1.3 lbs each



Dimensions "F" Enclosure

Overall: 9.5" L x 1.6"W x 1.0"H
 Mounting: 8.91"
 Weight: 0.75 lbs each



Wiring/Packaging Configurations: All PSN-F,B products are available in the following packaging/wiring configurations:

