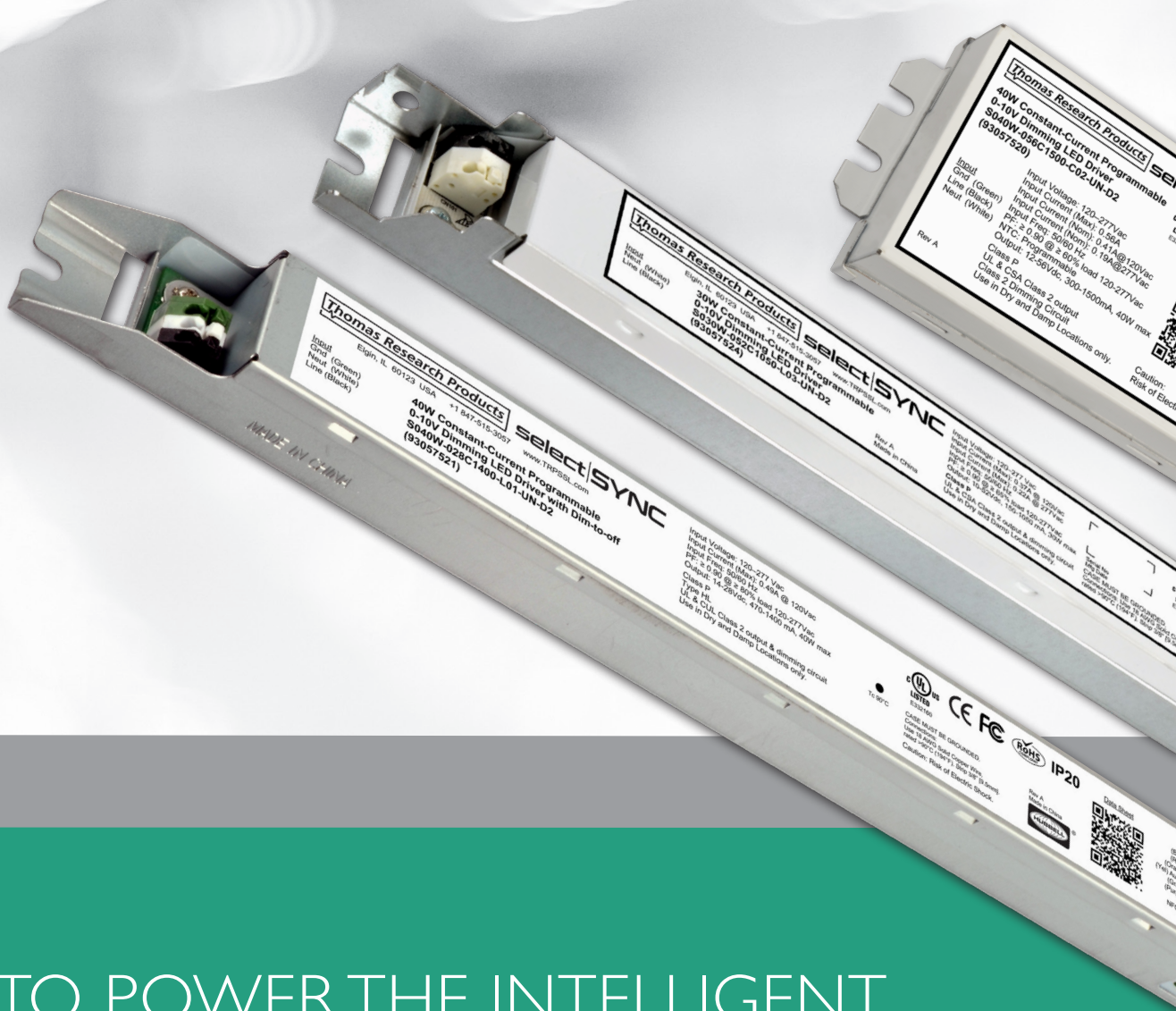
select|SYNC™

PROGRAMMABLE DRIVERS



TO POWER THE INTELLIGENT DEVICE ECOSYSTEM

WELCOME TO THE SELECTSYNC™ FAMILY

This entirely new family of programmable LED drivers from Thomas Research Products offers our customers a variety of solutions for powering intelligent lighting devices. Our components take your lighting products to a new level of performance, capability and flexibility.

As the LED lighting industry matures, programmable LED drivers take on a key role in providing value to OEMs. Programming output current is just the beginning. Integration with controls, network standards, simplifying production and safety certification become fundamental requirements.

SelectSYNC drivers were developed to meet the widest range of luminaire needs with a core set of products. The family creates a new platform for future TRP product development that see new features and capabilities offered with backward compatibility. Count on SelectSYNC drivers for high quality, long life, high efficiency and competitive cost.

POWERING THE INTELLIGENT DEVICE ECOSYSTEM

Lighting devices are becoming more intelligent and more connected--to building management systems, to the internet, and to smart phones.

Your intelligent luminaires require more powerful components. TRP is here to support you with a whole new level of performance, capability and flexibility. Our new products will increase your speed to market, simplify your manufacturing and power the controls that make your products intelligent.

We provide all key components that you need to go into your luminaire. Our group also provides controls that allow you to offer your customers everything they need for their application. We will help you offer the complete package.

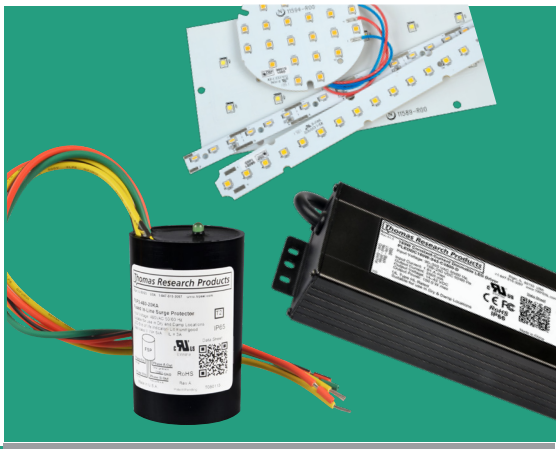
Product Features

The SelectSYNC™ programmable driver family is designed to be feature-rich yet simple to implement by both engineering and production. A variety of form factors and wattages accommodate most OEM needs for indoor and outdoor applications.

- Selectable output currents
- Model-specific parameters include NTC Thermal Foldback, Lumen Maintenance, Standby Mode
- Class P Listed with Class 2 output
- Advanced GUI interface designed for programming in production environments
- Auxiliary output for sensors and controls
- Dimming options: 0-10V analog dimming
- Most models are Dim-to-off capable
- Compact and Linear models
- 5 Year Standard Warranty

Three levels of control and connectivity let you make intelligent choices for your product line:

Classic, Intelligent, and Dynamic.



Intelligent

Products that are controls-ready, contributing to your entry into the Internet of Things.

- LED Drivers

Benefits

SelectSync drivers provide more to OEMs than just constant current power to LED light engines.

- Programmable current drivers simplify component inventories
- Cost-competitive with fixed-output drivers as well as other programmable drivers
- Controls-ready with auxiliary output to power a wide range of sensors and devices
- Class P listing simplifies UL certification and increases your speed to market.
- Flicker-free output and built-in surge protection enhance your luminaire performance
- Advanced GUI Configurator software provides a better user experience

Classic

Our standard products

- Fixed-output LED drivers
- LED Light Engines
- Surge Protectors
- Step-down Transformers
- HID restrike Controls

Dynamic

Products that offer more features, capability and flexibility

- LED Drivers
- Stand-alone OEM controls
- Emergency Drivers

Intelligent Drivers

S025W-056C1300

Compact, 0.95" x 2.36" x 4.96"

25W

- Easy cradle programming
- Linear or logarithmic dimming curve options
- Dim to off with 0-10V dimming
- Flicker free output
- Auxiliary output: 12Vdc, 200mA max
- NTC option allows for thermal protection of LED engine

- 2-stage power supply design for better performance
- UL Class P
- Dry & Damp Location Rated
- Option to program output current with Rset resistor

Part	Model	Adj. Current Out *(mA ±5%)*	Voltage Out *(Vdc)*	Max Power *(W)*	Wire Entry
93057517	S025W-056C1300-C01-UN-D2	150-1300	12-56	25	Bottom/Studs
93057518	S025W-056C1300-C02-UN-D2	150-1300	12-56	25	Dual

Factory Default = 700mA

S040W-056C1500

Compact, 0.95" x 2.36" x 4.96"

40W

- Easy cradle programming
- Linear or logarithmic dimming curve options
- Dim to off with 0-10V dimming
- Flicker free output
- Auxiliary output: 12Vdc, 200mA max
- NTC option allows for thermal protection of LED engine

- 2-stage power supply design for better performance
- UL Class P
- Dry & Damp Location Rated
- Option to program output current with Rset resistor

Part	Model	Adj. Current Out *(mA ±5%)*	Voltage Out *(Vdc)*	Max Power *(W)*	Wire Entry
93057519	S040W-056C1500-C01-UN-D2	150-1500	12-56	40	Bottom/Studs
93057520	S040W-056C1500-C02-UN-D2	150-1500	12-56	40	Dual

Factory Default = 700mA

selectSYNC™

S030W-052C1050 / S050W-052C1400

Linear, 1.03" x 1.17" x 13.19"

30W 50W

- Constant Current, Dimmable
- Dim-to-off mode
- Auxiliary output: 12Vdc, 100mA max
- 0-10V dimming, down to 1% at max output current
- UL Class P
- Dry & Damp Location Rated
- NFC Programming
- Narrow cross-section fits T5-style ballast channels

Part	Model	Adj. Current Out *(mA ±5%)*	Voltage Out *(Vdc)*	Max Power *(W)*	Wire Entry
93057524	S030W-052C1050-L03-UN-D2	150-1050	20-52	30	Ends
93057525	S050W-052C1400-L03-UN-D2	400-1400	20-52	50	Ends

S030W Factory Default = 1050mA, S050W Factory Default = 1400mA

Intelligent Drivers

S040W-028C1400

Linear, 1.03" x 1.22" x 14.17"

40W

- Constant Current, Dimmable
- Dim-to-off mode
- Flicker-free output
- Auxiliary output: 12Vdc, 200mA max
- 0-10V dimming, down to 1% at max output current
- UL Class P
- Dry & Damp Location Rated
- UL Type HL for hazardous locations
- NFC Programming
- Narrow cross-section fits T5-style ballast channels

Part	Model	Adj. Current Out *(mA ±5%)*	Voltage Out *(Vdc)*	Max Power *(W)*	Wire Entry
93057521	S040W-028C1400-L01-UN-D2	470-1400	14-28.5	40	

Factory Default = 1400mA

S075W-038C2000

Linear, 1.03" x 1.22" x 16.9"

75W

- Constant Current, Dimmable
- Dim-to-off mode
- Flicker-free output
- Auxiliary output: 12Vdc, 200mA max
- 0-10V dimming, down to 1% at max output current
- UL Class P
- Dry & Damp Location Rated
- UL Type HL for hazardous locations
- NFC Programming
- Narrow cross-section fits T5-style ballast channels

Part	Model	Adj. Current Out *(mA ±5%)*	Voltage Out *(Vdc)*	Max Power *(W)*	Wire Entry
93057522	S075W-038C2000-L02-UN-D2	670-2000	19-38	75	

Factory Default = 2000mA

Programmable Driver

select|SYNC™

LED55WPR1T5

Dynamic Driver

- 55W
- Built-in step-dimming feature (100%/40% output current)
- Linear dimming curve
- Dim to zero with 0-10V dimming
- NTC option allows for thermal protection of LED engine
- Flicker free output for comfort and critical applications
- 2-stage power supply design for better performance
- UL Dry & Damp Location Rated
- Type TL
- Simple programming with Rset resistor
- Linear, 1.02" x 1.18" x 14.17"

Part	Model	Set Current Out *(mA ±5%)*	Voltage Out *(Vdc)*	Max Power *(W)*	Wire Entry
93057419	LED55WPR1T5-055-C1500-D5	100-1500	12-55	55	End

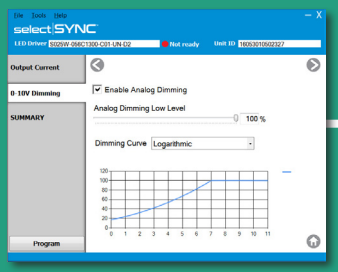
Factory Default = 700mA

THE SOFTWARE DIFFERENCE

A key benefit of the SelectSYNC™ family is a better experience while programming drivers for management, engineering and manufacturing. Our Universal Configurator software has an advanced GUI interface designed for simplicity and flexibility. The Configurator Module powers wired, USB and NFC programming for different models. For compact drivers without NFC capabilities, our Programming Cradle simplifies handling. The SelectSYNC software difference makes it easy to program drivers on a production line with minimal training.

Our software and hardware module will be forward compatible to provide the same ease of use for new SelectSYNC models as they are added to the product line. Download the software from the HLC website.

Universal Configurator Hardware

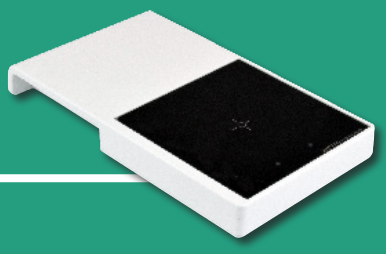


FEATURES

selectSYNC™

- Configurator software programs Intelligent LED drivers
- Multiple access levels provide simple management along with ease of use in a variety of production environments
- Software shows model-specific controllable settings—you don't see what you don't need
- Wizard-style simplicity
- Immediate visual feedback to the operator
- Auto-detect the specific driver being programmed
- Configurable batch mode for production with job logs

NFC Wand



Configurator Module

Programming Cradle

PRODUCT LINE

SelectSYNC™ LED Drivers

- Intelligent Programmable Drivers
- Dynamic Programmable Drivers
- Classic Fixed Output Drivers
- Emergency Drivers

Lighting Controls

- Stand-Alone Lighting Controls
- Classic Lighting Step-down Transformers
- Classic HID Quartz Restrike Controllers

Surge Protectors

- Classic Surge Protectors

Light Engines and Transformers

- Classic LED Light Engines
- Custom LED Light Engines
- selectWHITE (color tuning white LED)
- HDHE (high efficacy white LED)

Custom Solutions

- Design, testing, manufacturing, electrical, mechanical & software design

A Name You Can Trust

Hubbell Lighting Components provides complete component solutions for OEMs utilizing LEDs. Products include high-performing LED drivers, LED light engines, surge protectors and lighting controls. The company also offers custom design, testing and manufacturing services.

Hubbell Lighting brands offer products for commercial, industrial and residential markets. The company's history of innovation extends back to 1886 and Harvey Hubbell's invention of the very first lighting control device—the pull chain switch.

HUBBELL Lighting Components