

**TORK®**

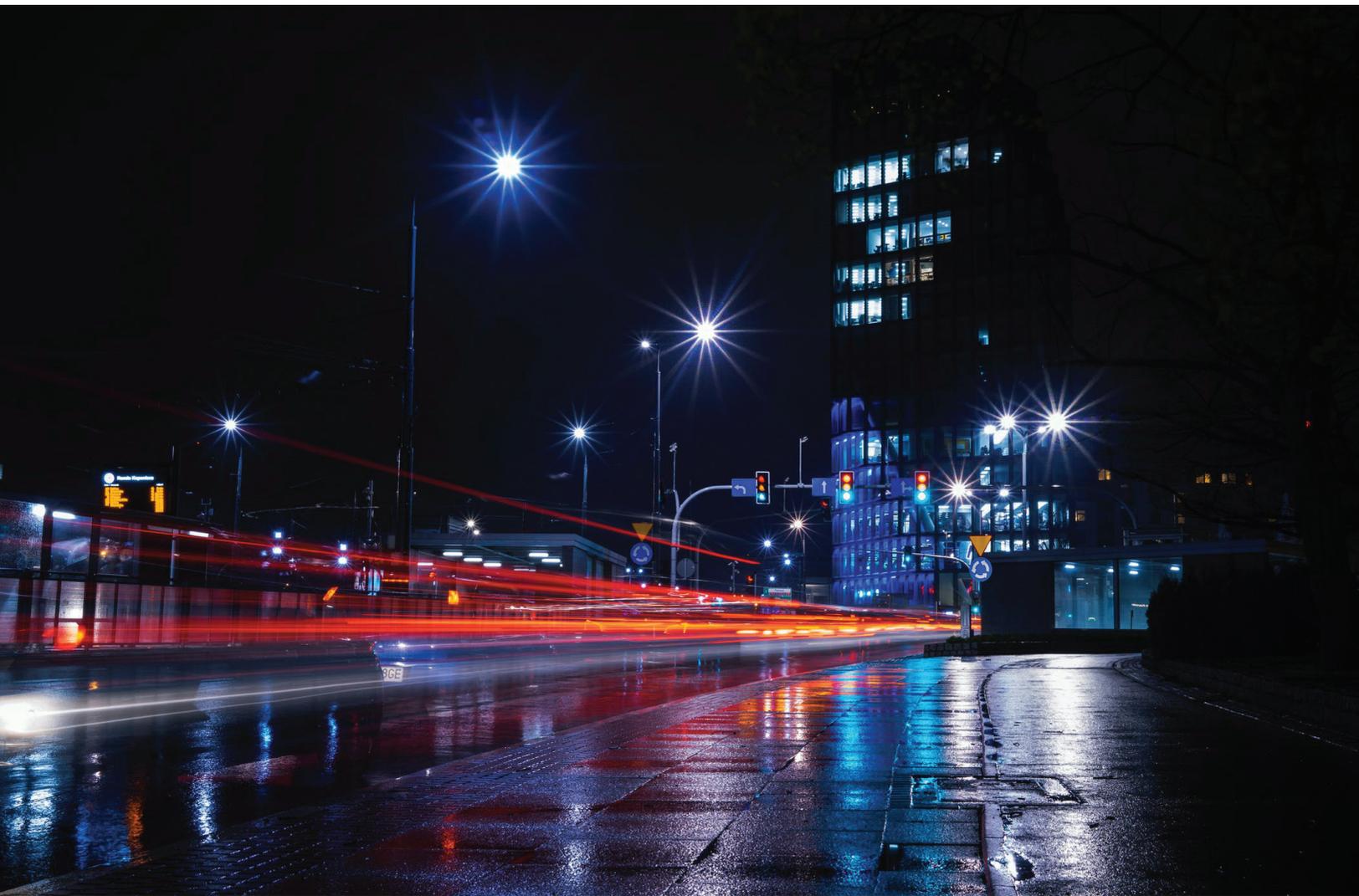
**LIVE LIFE SMARTER™**

# Z-SERIES PHOTOCONTROLS



# Z-SERIES PHOTOCONTROLS LINEUP

**Zero-Crossing Technology** – Suppress the impact of inrush current and maximize the lifespan of your photocontrols. Maximize the benefits of reduced maintenance and greater energy efficiency.



Any products that display this symbol, have undergone third party certification to ensure that the unit will stand up to the stresses that LED lighting creates on controls.





## LED RATING

Tested and verified by UL, TORK Photocontrols have the highest LED rating in the industry and are designed to handle extremes in rush currents produced by today's LED light fixtures.

## MOV SIZE

Protect your LED lighting investment against unwanted surges with the largest 455J/12kA MOV in the industry when you install any of the TORK Button or Stem Zero-Cross Photocontrols.

## GAUGE & LEAD LENGTH

The highest ratings need the largest hookup wire in the industry. Our 11" 16ga hookup wires give you the flexibility and support for all your power needs.

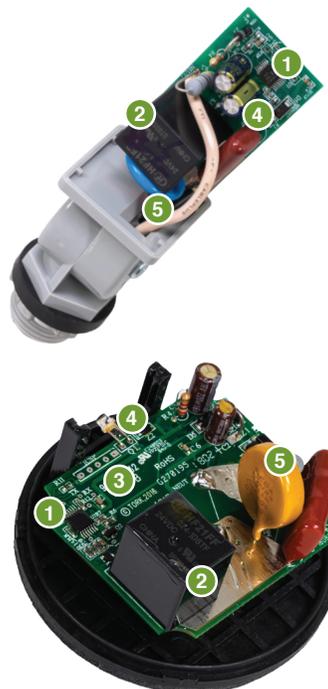
## WARRANTY

It's all talk unless you have the industry's longest warranty to back it up. New Zero-Cross Electronic Photocontrols from TORK are backed by a full 10 year warranty to give you peace of mind.

## MECHANICAL SOLUTION



## ELECTRICAL SOLUTION



- 1 CPU — Zero-Cross Calculation
- 2 Relay — Electronic Ballast Rating
- 3 Conformal Circuit Board Coating
- 4 Sensor — IR Filtered Silicon Sensor
- 5 MOV — Ultimate Surge Protection

## ZERO-CROSS TECHNOLOGY

	BUTTON		STEM MOUNT		STEM & SWIVEL MOUNT	
	IN-POST	IN-WALL	PLASTIC	METAL	SIDE LENS	TOP LENS
						
Model Number	ZB124	ZB124WP	ZS124	ZZ124	ZSS124	ZSSP124
Voltage Range	105 - 305VAC, 50/60 Hz					
* Wire Lead Gauge/Length	16 Gauge / 11 Inch Lead Length					
* Surge Protection (MOV)	455J / 12 kA High Surge Metal-Oxide Varistor (MOV)					
* Electronic Ballast (LED)	8A					
Tungsten / Ballast	1000W / 1800VA					
Failure Mode	ON					
Weather Protection	Sonic Welded with Epoxy Stem Seal					
Operating Temperature	-40°F to 158°F (-40°C to 70°C)					
ANSI Light Levels	Turn ON 1.5 fc ± .2 / Turn OFF 2.25 fc ± .3					
Time Delay Off (Instant On)	3 - 5 Seconds					
* Tested Cycles	20,000					
Agency Approval / Design Life	UL / 20 Years					
* Warranty	10 Years					

\*Highest in the industry

	ELECTRONIC TECHNOLOGY		ZERO-CROSS TECHNOLOGY			
	PRO GRADE		UTILITY GRADE		MUNICIPAL GRADE	
						
Model Number	2008B	5237-UL	ZTL124	ZTL124F	ZTL124BK	ZTL124BK1020J
ANSI Color Coded Cover	YELLOW	BLUE	BLUE	GREEN	BLACK	BLACK
Failure Mode	ON			OFF	ON	
Voltage Range	400 - 500VAC 50/60Hz		105 - 305VAC 50/60Hz			
Warranty	8 Years		15 Years			
Tested Cycles	10,000		20,000			
Electronic Ballast (LED)	4A or 1000W@277VAC		8A or 2220W@277VAC			
Surge Protection (MOV)	510J, 10kA					1020J, 40kA
ANSI Design Standard	C136.10-2010 Roadway & Area Lighting Equipment					
Tungsten Ballast	1000W / 1800VA					
ANSI Light Levels	Turn ON 1.5 fc ± .2 / Turn OFF 2.25 fc ± .3					
Power Consumption	< 0.5 Watts					
Dielectric Strength	5000VAC					
Operating Temperature	-40°F to 158°F (-40°C to 70°C)					
Time Delay Off (Instant On)	3 to 5 Seconds					
Weather Protection	UV Stabilized Polycarbonate with Conformally Coated Electronics					
Agency Approval / Design Life	UL773 & CSA TIL A15 (20 Year Design Life)					

