

TORK®

PHOTOCONTROLS



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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.



FEATURES

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.

GUAGE & 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.

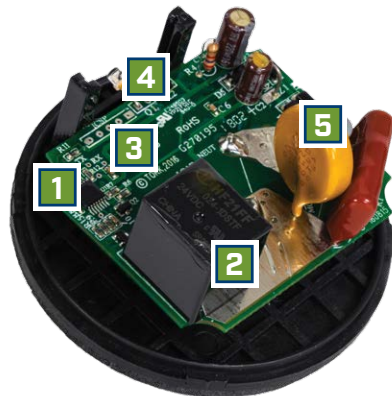
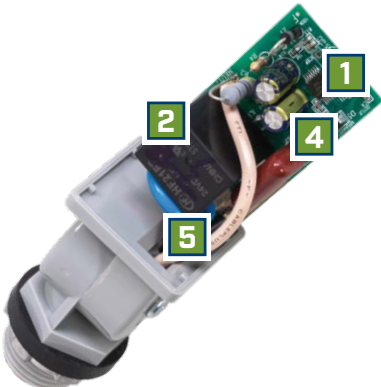


SPECS

MECHANICAL SOLUTION



ELECTRICAL SOLUTION


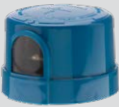


- 1 CPU — Zero-Cross Calculation
- 2 Relay — Electronic Ballast Rating
- 3 Conformal Circuit Board Coating
- 4 Sensor — IR Filtered Silicon Sensor
- 5 MOV — Ultimate Surge Protection

ZERO-CROSS TECHNOLOGY

	BUTTON		STEM MOUNT		STEM AND 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	105 - 305VAC, 50/60 Hz	105 - 305VAC, 50/60 Hz	105 - 305VAC, 50/60 Hz	105 - 305VAC, 50/60 Hz	105 - 305VAC, 50/60 Hz
* Wire Lead Gauge/Length	16 Gauge / 11 Inch Lead Length	16 Gauge / 11 Inch Lead Length	16 Gauge / 11 Inch Lead Length	16 Gauge / 11 Inch Lead Length	16 Gauge / 11 Inch Lead Length	16 Gauge / 11 Inch Lead Length
* Surge Protection (MOV)	455J / 12 kA High Surge Metal-Oxide Varistor (MOV)	455J / 12 kA High Surge Metal-Oxide Varistor (MOV)	455J / 12 kA High Surge Metal-Oxide Varistor (MOV)	455J / 12 kA High Surge Metal-Oxide Varistor (MOV)	455J / 12 kA High Surge Metal-Oxide Varistor (MOV)	455J / 12 kA High Surge Metal-Oxide Varistor (MOV)
* Electronic Ballast (LED)	8A	8A	8A	8A	8A	8A
Tungsten / Ballast	1000W / 1800VA	1000W / 1800VA	1000W / 1800VA	1000W / 1800VA	1000W / 1800VA	1000W / 1800VA
Failure Mode	ON	ON	ON	ON	ON	ON
Weather Protection	Sonic Welded with Epoxy Stem Seal	Sonic Welded with Epoxy Stem Seal	Sonic Welded with Epoxy Stem Seal	Sonic Welded with Epoxy Stem Seal	Sonic Welded with Epoxy Stem Seal	Sonic Welded with Epoxy Stem Seal
Operating Temperature	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)	-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	Turn ON 1.5 fc ± .2 / Turn OFF 2.25 fc ± .3	Turn ON 1.5 fc ± .2 / Turn OFF 2.25 fc ± .3	Turn ON 1.5 fc ± .2 / Turn OFF 2.25 fc ± .3	Turn ON 1.5 fc ± .2 / Turn OFF 2.25 fc ± .3	Turn ON 1.5 fc ± .2 / Turn OFF 2.25 fc ± .3
Time Delay Off (Instant On)	3 - 5 Seconds	3 - 5 Seconds	3 - 5 Seconds	3 - 5 Seconds	3 - 5 Seconds	3 - 5 Seconds
* Tested Cycles	20,000	20,000	20,000	20,000	20,000	20,000
Agency Approval / Design Life	UL / 20 Years	UL / 20 Years	UL / 20 Years	UL / 20 Years	UL / 20 Years	UL / 20 Years
* Warranty	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years

*Highest in the industry

	ELECTRONIC		ZERO-CROSS				
	PRO GRADE		UTILITY GRADE		MUNICIPAL GRADE		
							
MODEL NUMBER	5237-UL	2008B	ZTL480	ZTL124	ZTL124F	ZTL124BK	ZTL124BK1020J
ANSI COLOR-CODED COVER	BLUE	YELLOW	YELLOW	BLUE	GREEN	BLACK	BLACK
Failure Mode	ON				OFF	ON	
Voltage Range	105 - 305VAC, 50/60Hz	400 - 550VAC, 50/60 Hz		105 - 305VAC, 50/60Hz			
Warranty	8 Years		15 Years				
Tested Cycles	10,000		20,000				
Electronic Ballast (LED)	4A or 1000W@277VAC		3A or 1500W@ 347-480VAC	8A or 2220W@277VAC			
Surge Protection (MOV)	510J, 10kA						1020J, 40kA
ANSI Design Standard	C136.10-2010 Roadway & Area Lighting Equipment						
Tungsten Ballast	1000 Watt / 1800 VA						
ANSI Light Levels	Turn ON 1.5 fc ± .2 / Turn OFF 2.25 fc ± .3						
Power Consumption	<.5 Watts						
Dielectric Strength	5000 VAC						
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)						

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