



TLED Lamp Guide





Hardworking Lights for Hardworking People

We didn't invent the light. We just made it work harder.

Starco delivers easy, customizable, failsafe lighting solutions for the facility managers, contractors, and business owners who need to get the job done, and done right the first time. Our lighting is robust, timeless, and ready to install, regardless of application.

**No waiting
No compromises
Just tough, reliable lighting**



You need solutions FAST from a partner you can TRUST.

Starco delivers the product you need: when, where and how you need it.



Fast Shipment Program

The “Fast Shipment Program” enables low lead times on inventoried Starco Lighting Products. Starco carries millions of dollars of inventory and clearly delineates between what is and isn't in stock in its marketing material.

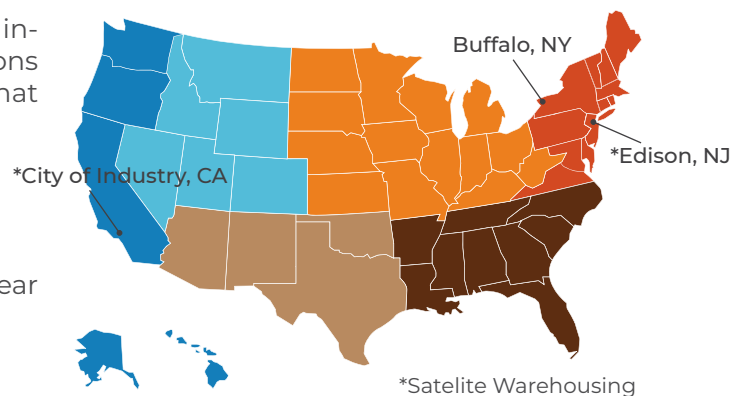
- 2-8ft T8 LED Lmaps
- Fast-Fuse Socket Kits
- TLED Ready High Bays
- Ask about our integrated LED High Bays and Linear Lights

Program Guidelines

Products in the Fast Shipment Program ship from Buffalo, NY within 36 business hours of Starco's receipt of your purchase order.

- Products ship Monday-Friday and will not be shipped on Holidays
- Place your Starco order by emailing orders@starcous.com before 12:00PM (EST)

Some orders may exceed available inventory and will therefore be subject to standard lead time. Starco may make partial shipments to deliver products in a timely fashion.



TLED Lamp



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SCAN THIS CODE TO
BROWSE SUCCESS
STORY ONLINE NOW
www.starcous.com

SES - SUPER ENERGY SAVING TLED LAMP



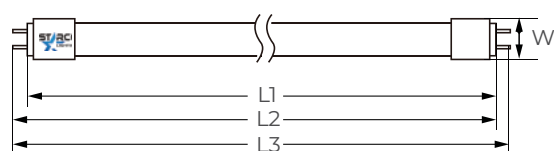
Features

- Extruded aluminum heatsink
- Durable frosted or clear UV-resistant PC lens
- V-0 flammability classified PC end cap
- Aluminum LED board
- No glass or mercury is used
- Input Voltage: 110-277V, 50/60Hz
- UL Type B direct voltage
- Efficacy: 130+ lm/w
- Power Factor: >0.90
- Total Harmonic Distortion: <15%
- Surge Protection: 1.5kV
- L70 Lifetime: 186,000 hours @ 25°C
- L90 Lifetime: 59,000 hours @ 25°C

Order Information

Model Number	Wattage	CCT	CRI	Size	Lumen Output	Lens	Case Quantity
SL-T8-09-P2-30-S	09	3000K	82	2'	1035	Frosted	25
SL-T8-09-P2-40-S	09	4000K	82	2'	1215	Frosted	25
SL-T8-09-P2-50-S	09	5000K	82	2'	1215	Frosted	25
SL-T8-13-P4-30-S	13	3000K	82	4'	1560	Frosted	25
SL-T8-13-P4-40-S	13	4000K	82	4'	1820	Frosted	25
SL-T8-13-P4-50-S	13	5000K	82	4'	1820	Frosted	25
SL-T8-15-P4-30-S	15	3000K	82	4'	1800	Frosted	25
SL-T8-15-P4-40-S	15	4000K	82	4'	2100	Frosted	25
SL-T8-15-P4-50-S	15	5000K	82	4'	2100	Frosted	25
SL-T8-18-P4-40-S	18	4000K	82	4'	2340	Frosted	25
SL-T8-18-P4-50-S	18	5000K	82	4'	2340	Frosted	25
SL-T8-22-P4-40-S	22	4000K	82	4'	2860	Frosted	25
SL-T8-22-P4-50-S	22	5000K	82	4'	2860	Frosted	25
SL-T8-28-P4-40-S	28	4000K	82	4'	3650	Frosted	25
SL-T8-28-P4-50-S	28	5000K	82	4'	3650	Frosted	25

Dimension



Size	L1	L2		L3	W	Unit
	MAX	MIN	MAX	MAX	MAX	
2ft	23.61	23.71	23.75	23.98	1.14	inch
3ft	35.22	35.41	35.50	35.78	1.14	inch
4ft	47.22	47.41	47.50	47.78	1.14	inch



"The Starco lamp results in a 40% reduction in energy consumption in manufacturing spaces, and a 54% reduction in office areas. We expect to save just over \$300,000 annually in energy and maintenance costs from this lighting change."

- Ed Fish, Corporate Energy Manager
General Motors LLC

Photo taken in GM Orion Plant
Lake Orion, MI 2017

DF - NON-METAL TLED LAMP



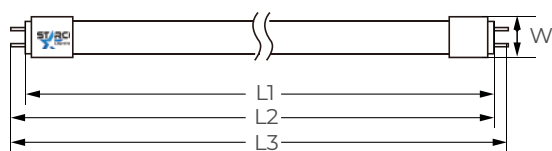
Features

- Non-metal heatsink
- Durable frosted or clear UV-resistant PC lens
- V-0 flammability classified PC end cap
- No glass or mercury is used
- Input Voltage: 110-277V, 50/60Hz
- UL Type B direct voltage
- Efficacy: 130+ lm/w
- Power Factor: >0.90
- Total Harmonic Distortion: <15%
- Surge Protection: 1.5kV
- L70 Lifetime: 186,000 hours @ 25°C
- L90 Lifetime: 59,000 hours @ 25°C

Order Information

Model Number	Wattage	CCT	CRI	Size	Lumen Output	Lens	Case Quantity
SL-T8-05-DF-C-40	09	3000K	82	18"	600	Frosted	25
SL-T8-09-DF-2-30-S	09	3000K	82	2'	1035	Frosted	25
SL-T8-09-DF-2-40-S	09	4000K	82	2'	1215	Frosted	25
SL-T8-09-DF-2-50-S	09	5000K	82	2'	1215	Frosted	25
SL-T8-13-DF-3-30-S	13	3000K	82	3'	1560	Frosted	25
SL-T8-13-DF-3-40-S	13	4000K	82	3'	1755	Frosted	25
SL-T8-13-DF-3-50-S	13	5000K	82	3'	1755	Frosted	25
SL-T8-13-DF-4-30-S	13	3000K	82	4'	1560	Frosted	25
SL-T8-13-DF-4-40-S	13	4000K	82	4'	1820	Frosted	25
SL-T8-13-DF-4-50-S	13	5000K	82	4'	1820	Frosted	25
SL-T8-15-DF-4-30-S	15	3000K	82	4'	1800	Frosted	25
SL-T8-15-DF-4-40-S	15	4000K	82	4'	2100	Frosted	25
SL-T8-15-DF-4-50-S	15	5000K	82	4'	2100	Frosted	25
SL-T8-18-DF-4-40-S	18	4000K	82	4'	2340	Frosted	25
SL-T8-18-DF-4-50-S	18	5000K	82	4'	2340	Frosted	25

Dimension



Size	L1	L2		L3	W	Unit
	MAX	MIN	MAX	MAX	MAX	
18 in	17.22	17.40	17.50	17.67	1.14	inch
2ft	23.61	23.71	23.75	23.98	1.14	inch
3ft	35.22	35.41	35.50	35.78	1.14	inch
4ft	47.22	47.41	47.50	47.78	1.14	inch

SL - SPECIAL LENGTH TLED LAMP



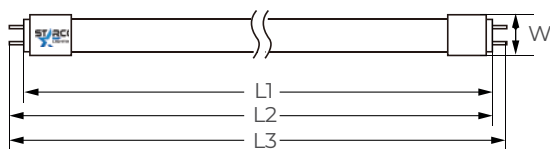
Features

- Extruded aluminum heatsink
- Durable frosted or clear UV-resistant PC lens
- V-0 flammability classified PC end cap
- No glass or mercury is used
- Input Voltage: 110-277V, 50/60Hz
- UL Type B direct voltage
- Efficacy up to 150 lm/w
- Power Factor: >0.90
- Total Harmonic Distortion: <15%
- Surge Protection: 1.5kV
- L70 Lifetime: 186,000 hours @ 25°C
- L90 Lifetime: 59,000 hours @ 25°C

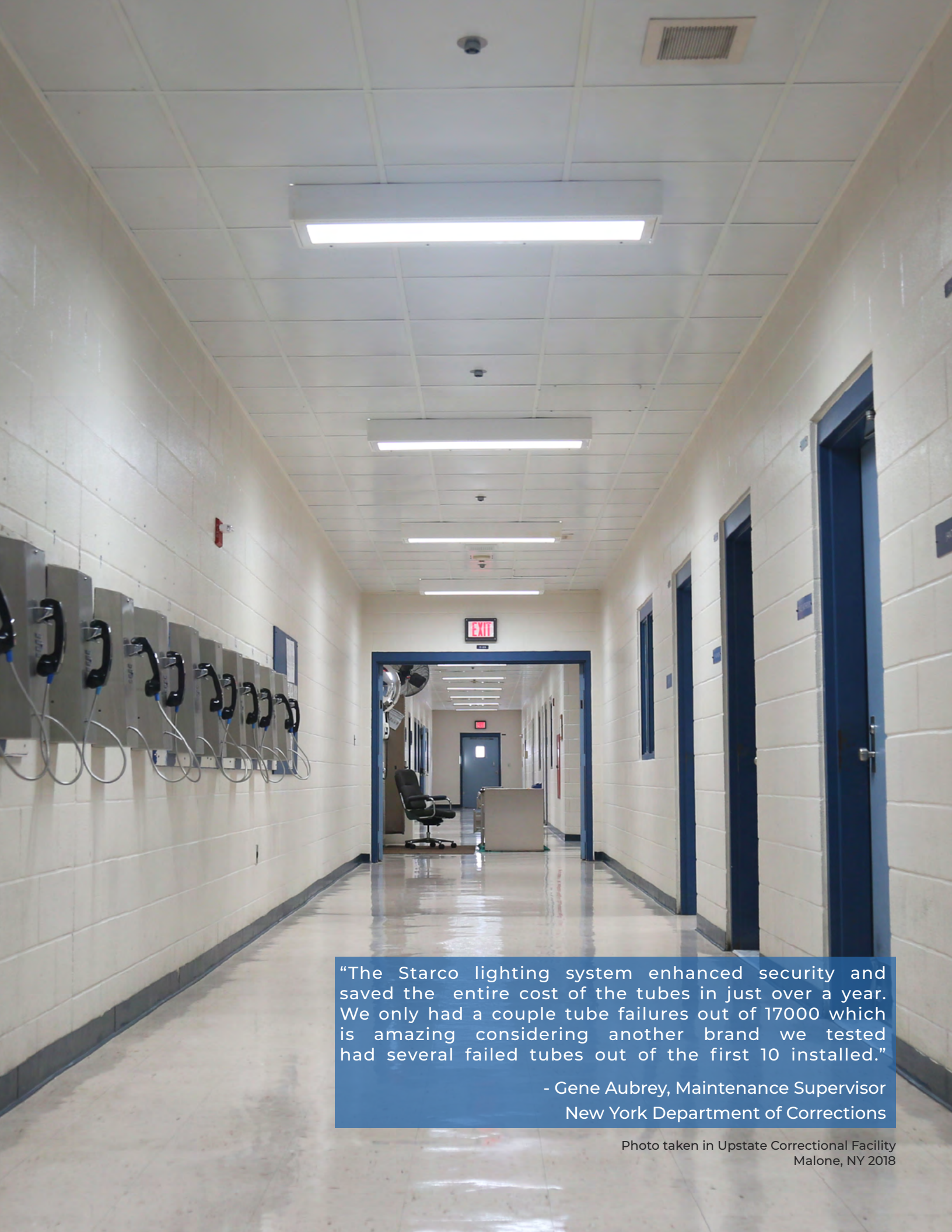
Order Information

Model Number	Wattage	CCT	CRI	Size	Lumen Output	Lens	Case Quantity
SL-T8-18-P-4-40-I	18	4000K	82	46"	2340	Frosted	25
SL-T8-18-P-4-50-I	18	5000K	82	46"	2340	Frosted	25
SL-T8-22-P-4-40-I	22	4000K	82	46"	2850	Frosted	25
SL-T8-22-P-4-50-I	22	5000K	82	46"	2850	Frosted	25
SL-T8-22-P-5-40-S	22	4000K	82	5'	2860	Frosted	25
SL-T8-22-P-5-50-S	22	5000K	82	5'	2860	Frosted	25
SL-T8-28-P-6-40-S	28	4000K	82	6'	3640	Frosted	25
SL-T8-28-P-6-50-S	28	5000K	82	6'	3640	Frosted	25
SL-T8-36-P-8-40	36	4000K	82	8'	4500	Frosted	25
SL-T8-36-P-8-50	36	5000K	82	8'	4500	Frosted	25
SL-T8-36-PF-8-40	36	4000K	82	8'	4500	Frosted	25
SL-T8-36-PF-8-50	36	5000K	82	8'	4500	Frosted	25
SL-T8-40-P-8-40	40	4000K	82	8'	6000	Frosted	25
SL-T8-40-P-8-50	40	5000K	82	8'	6000	Frosted	25

Dimension



Size	L1	L2		L3	W	Unit
	MAX	MIN	MAX	MAX	MAX	
46 in			45.72	45.91	1.14	inch
5ft	59.06	59.24	59.33	59.61	1.14	inch
6ft	69.44	69.63	69.72	70.00	1.14	inch
8ft	93.30	93.42	93.65	94.00	1.14	inch



"The Starco lighting system enhanced security and saved the entire cost of the tubes in just over a year. We only had a couple tube failures out of 17000 which is amazing considering another brand we tested had several failed tubes out of the first 10 installed."

- Gene Aubrey, Maintenance Supervisor
New York Department of Corrections

Photo taken in Upstate Correctional Facility
Malone, NY 2018

CORROSION RESISTANT TLED LAMP



Features

- Extruded aluminum heatsink
- Durable frosted or clear UV-resistant PC lens
- V-0 PBT end cap
- PET film cover the whole lamp
- No glass or mercury is used
- Input Voltage: 110-277V, 50/60Hz
- UL Type B direct voltage
- Efficacy: 120 lm/w
- Power Factor: >0.90
- Total Harmonic Distortion: <15%
- Surge Protection: 1.5kV
- L70 Lifetime: 180,000 hours @ 25°C

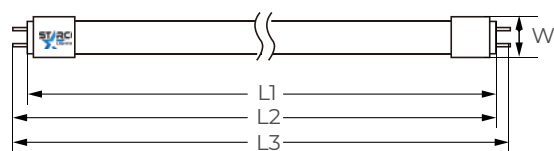
Order Information

Model Number	Wattage	CCT	CRI	Size	Lumen Output	Lens	Case Quantity
SL-T8-18-C-4-40-B	18	4000K	82	4'	2160	Frosted	25
SL-T8-18-C-4-50-B	18	5000K	82	4'	2160	Frosted	25
SL-T8-22-C-4-40-B	22	4000K	82	4'	2640	Frosted	25
SL-T8-22-C-4-50-B	22	5000K	82	4'	2640	Frosted	25

Applications

Suitable for industrial manufacturing facilities using mechanical oil or lubricants. Consult our sales for more information.

Dimension



Size	L1	L2		L3	W	Unit
	MAX	MIN	MAX	MAX	MAX	
4ft	47.22	47.41	47.50	47.78	1.14	inch

STANDARD SOCKET KIT



Features

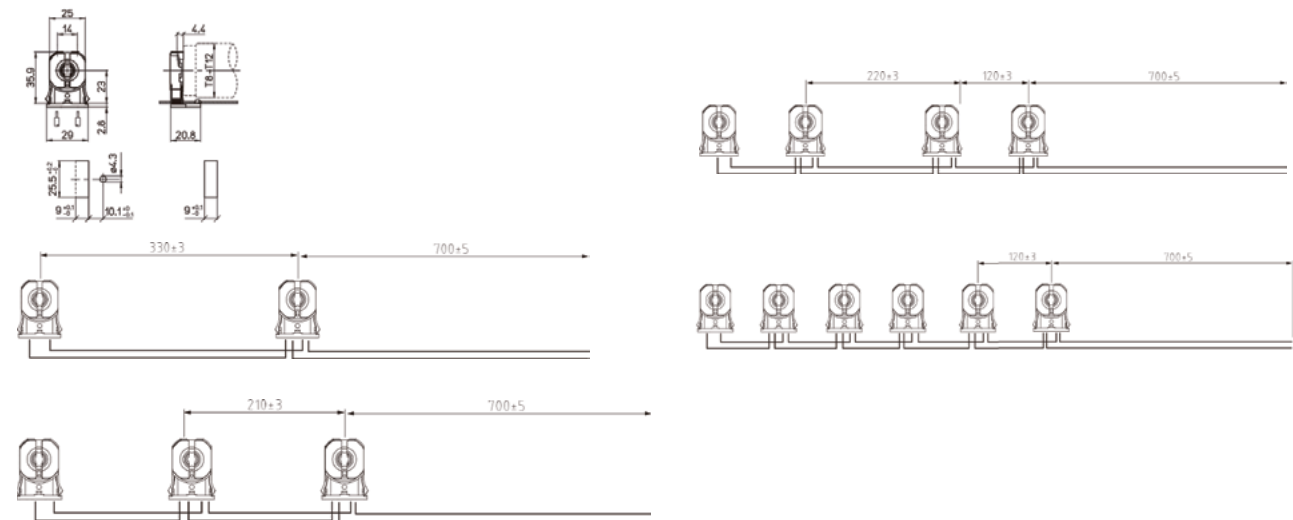
- Push through snap-in mounting
- 660W-600V rated G13 socket
- 18AWG 600V rated wire
- PBT body and green rotor socket
- 90° turn lock
- Multiple socket available
- Significant labor reduction
- Work with Starco's TLED lamps



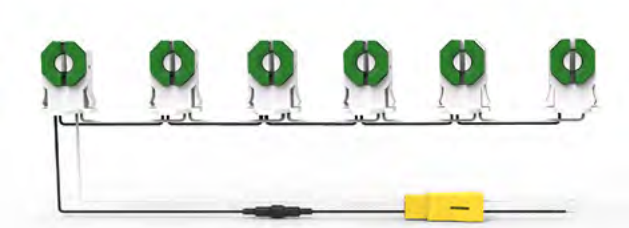
Order Information

Model Number	Quantity of Sockets	Socket	Case Quantity
SL-T8-K-1	1	G13	25
SL-T8-K-2	2	G13	20
SL-T8-K-3	3	G13	20
SL-T8-K-4	4	G13	15
SL-T8-K-5	5	G13	15
SL-T8-K-6	6	G13	10
SL-T8-K-8	8	G13	10

Dimension



FAST-FUSE SOCKET KIT



Features

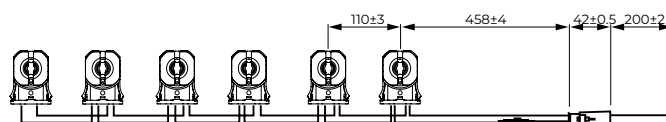
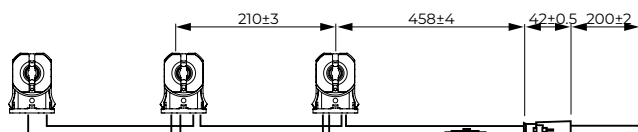
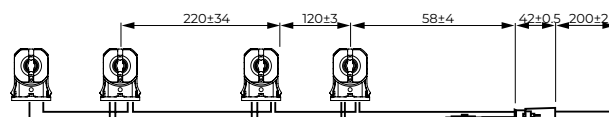
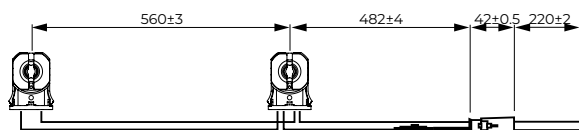
- Push through snap-in mounting
- 660W-600V rated G13 socket
- 18AWG 600V rated wire
- PBT body and green rotor socket
- 1.6A or 2A fuse with voltage rated at 300V
- 5.2x20mm cartridge fuse
- 90° turn lock
- Multiple socket available
- Provide extra safety
- Work with Starco's TLED lamps
- Significant labor reduction
- Quick disconnect in compliance with IEC



Order Information

Model Number	Quantity of Sockets	Socket	Fuse	Case Quantity
SL-T8-K-1-F	1	G13	1.6A	25
SL-T8-K-2-F	2	G13	1.6A	20
SL-T8-K-3-F	3	G13	1.6A	20
SL-T8-K-4-F	4	G13	1.6A	15
SL-T8-K-5-F	5	G13	1.6A	15
SL-T8-K-6-F	6	G13	1.6A	10
SL-T8-K-8-F	8	G13	2A	10

Dimension



Starco Lighting's Fast-Fuse Socket Kits are proudly assembled in Buffalo NY.

Starco employs hardworking Americans to assemble thousands of kits annually. We use high-quality components and within 48 hours we can fulfill your orders. Custom socket kit with special sockets may delay time.





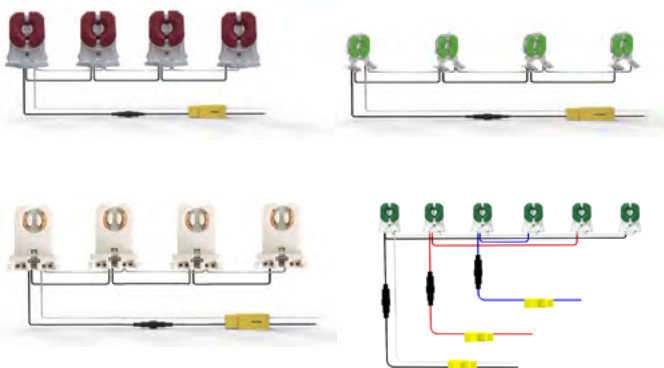
"Starco has consistently demonstrated a deep understanding of our broader goal of reducing energy intensity to achieve a more sustainable future, offering retrofit solutions that fit the different needs of our facilities around the world."

- Alfred Hildreth, Global Energy and Sustainability Manager

General Motors LLC

Photo taken in GM Headquarters
Detroit, MI 2018

CUSTOM SOCKET KIT



Features

- Multiple mounting options
- 660W-600V rated G13 socket
- 18AWG 600V rated wire
- 1.6A or 2A fuse with voltage rated at 300V
- 5.2x20mm cartridge fuse
- Multiple socket available
- Provide extra safety
- Work with Starco's TLED lamps
- Significant labor reduction
- Quick disconnect in compliance with IEC



Order Information

Model Number	Quantity of Sockets	Socket	Fuse	Mount
SL-T8-K-X-FE	X can be 1, 2, 3, 4, 5, 6, 8	G13	1.6A or 2A	Snap-in
SL-T8-K-X-FW	X can be 1, 2, 3, 4, 5, 6, 8	G13	1.6A or 2A	Snap-in
SL-T8-K-X-12264	X can be 1, 2, 3, 4, 5, 6, 8	G13	1.6A or 2A	Flush
SL-T8-K-X-11226	X can be 1, 2, 3, 4, 5, 6, 8	G13	1.6A or 2A	Slide on
SL-T8-K-X-810H	X can be 1, 2, 3, 4, 5, 6, 8	R17D	1.6A or 2A	Silde on or snap-in
SL-T8-K-X-811H	X can be 1, 2, 3, 4, 5, 6, 8	R17D	1.6A or 2A	Silde on or snap-in
SL-T8-K-X-421	X can be 1, 2, 3, 4, 5, 6, 8	G13	1.6A or 2A	Flush
SL-T8-K-X-3251	X can be 1, 2, 3, 4, 5, 6, 8	G13	1.6A or 2A	Push-in
SL-T8-K-X-3345	X can be 1, 2, 3, 4, 5, 6, 8	G13	1.6A or 2A	Back
SL-T8-K-X-1421	X can be 1, 2, 3, 4, 5, 6, 8	G13	1.6A or 2A	Silde on or snap-in
SL-T8-K-6-F-3WAY	6 with 3 line voltage	G13	(3) 1.6A	Snap-in
SL-T8-K-3-F-2WAY	3 with 2 line voltage	G13	(2) 1.6A	Snap-in

Sockets



More options available. Please consult us for more information.

LED EMERGENCY LIGHTING INVERTER



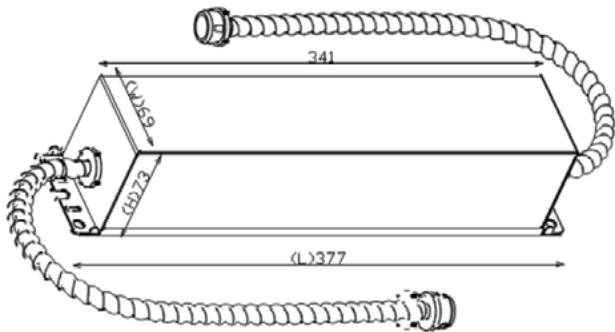
Features

- Input Voltage 120-277VAC
- Output Voltage 170VDC
- 18W or 25W available
- High temp Nickel-cadmium battery
- Provide power over 90 minutes
- Operating temperature 0°C to 50°C
- Work with Starco's TLED lamps

Order Information

Model Number	Wattage	Input Voltage	Output Voltage	Case Quantity
STC-ELI-18	18	120-277V	170VDC	6
STC-ELI-25	25	120-277V	170VDC	6

Dimension



unit: mm

OTHER RETROFIT KIT

U-tube Retrofit Kit



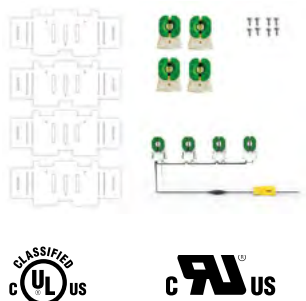
Features

- Two brackets
- 660W-600V rated G13 socket
- 18AWG 600V rated wire
- 1.6A with voltage rated at 300V

Order Information

Model Number	Bracket	Socket	Fuse	Mount
STB-2-T8-N-F	For 2 Lamps	G13	1.6A	Snap-in
STB-3-T8-N-F	For 3 Lamps	G13	1.6A	Snap-in

8' Strip Retrofit Kit



Features

- Convert (2) 8' lamp fixture to (4) 4' lamp
- 660W-600V rated G13 socket
- 18AWG 600V rated wire
- 1.6A with voltage rated at 300V

Order Information

Model Number	Bracket	Socket	Fuse	Mount
ST-T8-K-4916	For 2 8' Lamps	G13	1.6A	Snap-in

Fast-Fuse Kit



Features

- 18AWG 600V rated wire
- 1.6A with voltage rated at 300V



Order Information

Model Number	Description	Fuse	Mount
ST-T8-K-F	For fixtures not required to change sockets	1.6A	Snap-in



"The upgrades with such uniform and smooth light distribution are unparalleled and we are happy to bring comfort and safety of feeling back again."

- Sam Iraci, Executive Director
Buffalo Civic Auto Ramps

Photo taken in Civic Auto Ramps
Buffalo, NY 2016

Chemical Resistance of Plastics

● Excellent resistance:
continuous exposure to the substance does not
cause damage within 30 days.

	LDPE		HDPE		PP		PMP (TPX)		PVC		PC		PS		SAN		PMMA		PTFE		POM		PBT	
Temperature °C	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50
Acetaldehyde	●	▲	●	■	■	▲	■	▲	▲	▲	■	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	*	*
Acetic Acid (Glacial)	■	▲	●	●	●	■	■	■	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	▲	*
Acetic Anhydride	▲	▲	■	■	■	■	●	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	■	■	▲	▲	*	*
Acetone	■	▲	▲	▲	■	▲	●	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	■	*
Ammonium Chloride (10%)	●	●	●	●	●	●	●	●	●	■	■	■	●	●	●	●	■	■	●	●	*	*	*	*
Ammonium Hydroxide (30%)	●	●	●	●	●	●	●	●	●	▲	▲	■	■	■	■	■	■	■	●	●	●	●	*	*
Amyl Acetate	■	▲	●	■	■	▲	●	■	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	●	●	*
Aniline (Phenylamine)	●	■	●	●	●	●	●	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	■	■	■	*
Aqua Regia	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	■	▲	▲	▲	●	●	●	●	▲	*
Benzaldehyde	●	■	■	▲	▲	■	●	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	*	*
Benzene	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	■	●	*
Benzoic Acid	●	●	●	●	●	■	●	●	●	■	●	■	■	■	●	●	●	●	●	●	*	*	▲	*
Boric Acid (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	*
Butyl Acetate	■	■	■	■	■	■	■	■	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	■	■	*
Butyric Acid (Butanoic acid)	▲	▲	■	▲	▲	▲	▲	▲	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	*	*	●	*
Calcium Hydroxide (Saturated)	●	●	●	●	●	●	●	●	●	●	▲	▲	■	■	●	●	■	▲	●	●	●	●	●	*
Carbon Disulphide	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	*	*
Carbon Tetrachloride	■	▲	■	▲	■	▲	▲	▲	●	▲	▲	▲	▲	▲	■	▲	▲	▲	●	●	■	■	*	*
Chloroform	■	▲	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	▲	*
Citric Acid (1M)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	*	●	●	*	*	*	*
Cresol	▲	▲	■	▲	■	■	▲	▲	▲	▲	▲	▲	■	▲	▲	▲	▲	▲	●	●	*	*	▲	*
Cyclohexane	■	▲	■	▲	■	▲	▲	▲	▲	▲	●	■	▲	▲	■	▲	■	*	●	●	●	●	*	*
Dibutyl Phthalate	■	▲	■	▲	■	▲	■	■	▲	▲	■	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	*
Dichlorobenzene	■	▲	■	▲	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	*	*
Diethyl Ether	▲	▲	■	▲	■	▲	▲	▲	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	*
Diethylene Glycol	●	●	●	●	●	●	●	●	■	▲	■	■	●	●	●	●	▲	▲	●	●	●	●	▲	*
Dimethyl Formamide (DMF)	●	●	●	●	●	●	●	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	●	*
Dimethyl Sulfoxide (DMSO)	●	●	●	●	●	●	●	●	▲	▲	▲	▲	*	■	▲	▲	▲	▲	●	●	*	*	●	*
Dioxane	■	■	■	■	▲	▲	■	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	■	■	■	▲
Ethyl Acetate (Ethyl Ester)	●	●	●	●	■	▲	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	■	■	*	*	▲	*
Ethyl Alcohol (Absolute Ethanol)	●	■	●	●	●	●	■	■	●	●	●	■	●	■	▲	▲	▲	▲	●	●	●	●	●	*
Ethyl Chloride (Chloroethane)	■	▲	▲	▲	■	▲	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	*	*	*	*
Ethylene Chloride	■	▲	▲	▲	■	▲	■	▲	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	*	*
Ethylene Oxide (Pure)	■	■	■	■	■	▲	■	▲	▲	▲	■	▲	▲	▲	▲	▲	▲	●	●	●	●	●	■	*
Ethylene Oxide (Gas)	■	■	●	●	●	●	■	■	■	■	●	●	●	■	■	■	■	●	●	●	●	*	*	*
Formaldehyde (Formalin) 40%	●	■	●	■	●	●	●	●	●	●	●	●	■	■	■	■	▲	●	■	●	●	●	●	*
Formic Acid (50%)	■	■	●	●	●	■	●	●	●	▲	■	■	■	■	●	■	*	*	●	●	*	*	■	*
Formic Acid (100%)	■	■	●	●	●	■	●	●	●	▲	■	▲	■	■	▲	▲	*	*	●	●	▲	▲	*	*
Glycerine (Glycerol)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■	■	●	*

Good resistance:
continuous exposure to the substance causes
minor damage within 7 - 30 days

Poor resistance:
not suitable for continuous exposure to the
substance. Immediate damage may occur

* No information available

	LDPE		HDPE		PP		PMP (TPX)		PVC		PC		PS		SAN		PMMA		PTFE		POM		PBT	
Temperature °C	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50
Hexane	▲	▲	■	■	■	■	■	▲	●	▲	■	▲	▲	▲	●	●	●	*	●	●	●	●	●	*
Hydrobromic Acid (69%)	●	●	●	■	●	■	●	●	●	●	■	■	■	■	■	■	▲	▲	●	●	▲	▲	▲	*
Hydrochloric Acid (5%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■	*	●	●	▲	▲	▲	*
Hydrochloric Acid (35%)	●	●	●	●	●	■	●	■	●	●	■	▲	●	●	●	■	▲	▲	●	●	▲	▲	▲	*
Hydrofluoric Acid (48%)	●	●	●	●	●	■	●	■	■	■	■	▲	▲	▲	●	■	▲	▲	●	●	▲	▲	■	*
Hydrogen Peroxide (30%)	●	●	●	●	●	■	●	■	●	●	●	●	●	■	●	●	■	▲	●	●	●	▲	●	*
Lactic Acid (85%)	●	●	●	●	●	■	●	■	●	■	●	■	●	●	●	●	●	●	●	●	●	▲	●	*
Methyl Acetate	●	▲	●	●	●	■	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	*	*	●	●	*	*	▲	*
Methyl Alcohol (Methanol)	●	■	●	●	●	●	●	■	●	●	■	■	■	■	▲	▲	▲	▲	●	●	●	●	●	*
Methyl Ethyl Ketone (Butanone)	▲	▲	▲	▲	●	●	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	*	*	●	*
Methylene Chloride (Dichloro Methane)	▲	▲	●	▲	●	▲	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	▲	*
Mineral Oil	■	●	●	●	●	■	●	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	*
Nitric Acid (10%)	●	●	■	■	■	■	■	■	●	●	■	■	●	■	■	■	●	*	●	●	▲	▲	■	*
Nitric Acid (70%)	●	▲	●	▲	▲	▲	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	■	*
Nitrobenzene	▲	▲	▲	▲	▲	▲	●	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	■	▲	●	*
Oxalic Acid (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	*
Perchloric Acid (70%)	■	▲	■	▲	■	▲	■	▲	■	▲	▲	▲	■	■	■	■	●	●	■	■	▲	▲	*	*
Phenol (100%)	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	▲	*
Phosphoric Acid (85%)	●	▲	●	●	●	■	●	■	●	■	●	■	●	■	●	●	■	▲	●	●	●	▲	*	*
Picric Acid	▲	▲	▲	▲	▲	▲	●	●	▲	▲	▲	▲	■	■	●	●	*	*	●	●	*	*	*	*
Potassium Hydroxide (30%)	●	●	●	●	●	●	●	●	●	●	▲	▲	■	■	●	●	●	●	●	●	●	●	▲	*
Potassium Permanganate	●	●	●	●	●	■	●	●	●	■	●	●	●	■	■	■	■	▲	●	●	■	■	●	*
Propylene Glycol	●	●	●	●	●	●	●	●	■	■	■	■	●	●	●	●	*	*	●	●	●	●	*	*
Pyridine	▲	▲	▲	▲	●	●	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	■	*	*
Salicylic Acid	●	●	●	●	●	●	●	●	■	■	●	■	●	■	●	■	*	*	●	●	▲	▲	●	*
Silver Nitrate	●	■	●	●	●	●	●	●	●	■	●	●	●	●	●	■	*	*	●	●	■	■	*	*
Sodium Hydroxide (50%)	■	■	●	●	●	●	●	●	●	●	▲	▲	●	■	●	■	●	▲	●	●	●	●	▲	*
Sodium Hypochlorite (15%)	●	■	●	■	■	▲	●	●	●	●	■	■	●	■	●	●	●	●	●	●	*	*	▲	*
Sulfuric Acid (20%)	●	●	●	●	●	●	●	●	●	■	●	■	●	●	●	■	●	●	●	●	*	*	*	*
Sulfuric Acid (60%)	●	■	●	■	■	■	●	■	■	■	■	■	●	■	▲	▲	▲	▲	●	●	▲	▲	*	*
Sulfuric Acid (98%)	■	■	■	■	■	●	■	■	■	▲	▲	▲	■	■	▲	▲	▲	▲	●	●	▲	▲	▲	*
Tetrahydrofuran (THF)	■	▲	■	●	■	■	■	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	■	■	●	*
Toluene	■	▲	▲	▲	▲	▲	■	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	●	*
Trichloroacetic Acid	■	▲	■	▲	■	■	●	●	■	▲	■	▲	■	▲	▲	▲	*	*	●	●	*	*	▲	*
Trichloroethylene	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	▲	▲	▲	▲
Turpentine	■	▲	■	▲	■	▲	■	▲	■	■	■	▲	▲	▲	■	▲	■	▲	●	●	●	●	●	*
Xylene	▲	▲	■	▲	▲	▲	■	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	●	●	●	●	▲	*
Zinc Chloride (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■	●	*
Zinc Sulphate (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	■	▲	*	*

Data from WHEATON. This chart gives general guidelines only on the chemical resistance of plastics. There are many factors that influence chemical resistance, we therefore recommend that you test for your own application before selecting the appropriate product. If you have any doubts please contact STARCO for assistance.



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