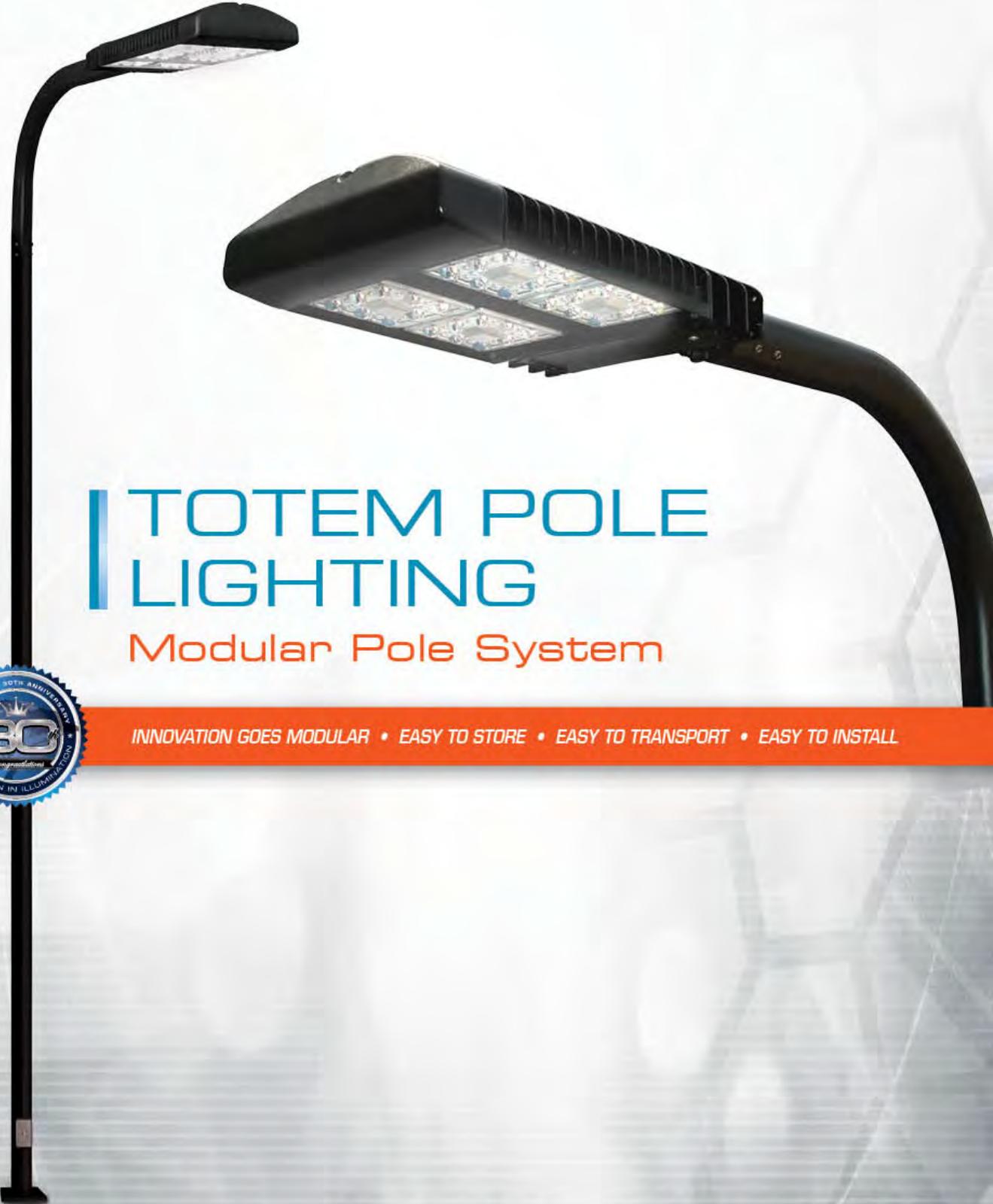




# TECHLIGHT

INNOVATION IN ILLUMINATION



## TOTEM POLE LIGHTING

Modular Pole System



INNOVATION GOES MODULAR • EASY TO STORE • EASY TO TRANSPORT • EASY TO INSTALL

Techlight has developed a revolutionary modular pole system with all of the fixture loading capabilities of traditional poles that install easily, are effortlessly loadable with one or two people, and can be stored readily for convenience.

Pole Sections are palletized for shipping to ensure safe transportation and lower shipping costs.



Discreet sections allow for the poles to be stored out of the elements and the entire assembly can be moved with a fork truck.

Each section ways under 100 lbs and can be easily transported without specialized equipment or vehicles.



## FEATURES & SPECIFICATIONS

Totem Poles are designed for easy installation, convenient storage, and simple handling. The pole shaft is fabricated from hot rolled carbon steel having a minimum yield of 55,000 PSI and conforms to ASTM A500 grade C requirements. The shaft construction is formed steel welded longitudinally. The multiple pole pieces interlock via a splice plug welded to the top pole section and secured into the lower section using set screws. The hand hole is located 1' 6" above the pole base. A ground lug is provided standard.

**ANCHOR BASE** - The anchor base is fabricated from a structural quality hot rolled carbon steel plate that has a minimum yield strength of 36,000 PSI. The anchor base telescopes the pole shaft and has a circumferential weld on the top and bottom.

**BASE COVER** - A full base cover is provided which encapsulates the base plate and anchor bolts to provide a clean transition from pier to pole.

**FINISH** - A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request. Galvanizing and T-Guard treatments available upon request. Additional warranty extensions available with these treatments.



Complete LED fixture and Totem Pole packages available. Consult your Techlight sales representative for more information.

## QUICKVIEW CHART FOR TYPICAL CONFIGURATIONS

Our standard anchor base Totem poles are supplied with either 2, 3 or 4 sections depending on pole height and are available in heights ranging from 15' to 30' in both round and square pole configurations.

MODEL NUMBER	POLE TYPE	NOM. POLE HT	POLE OD	WALL THICK (GA)	BOLT CIRCLE	BOLT SIZE	SHAFT DIMENSIONS	MAX EPA <sup>1</sup> (ASCE 7-10, RISK CATEGORY II, 3-SECOND GUST WINDSPEED GUIDELINES)			
								115 MPH	120 MPH	130 MPH	140 MPH
RS2P 15 4 11	Round	15'	4.0"	11	8.0"	3/4" x 18" x 3"	Bottom: 8' x 4", 86 lbs Top: 7' x 4", 61 lbs	17.4	15.8	13.3	11.2
RS3P 20 4 11	Round	20'	4.0"	11	8.0"	3/4" x 18" x 3"	Bottom: 8' x 4", 86 lbs Center: 8' x 4", 65 lbs Top: 4' x 4", 42 lbs	11.7	10.6	8.7	7.1
RS3P 24 4 11	Round	24'	4.0"	11	8.0"	3/4" x 18" x 3"	Bottom: 8' x 4", 86 lbs Center: 8' x 4", 65 lbs Top: 8' x 4", 93 lbs	8.9	8.0	6.4	5.1
RS4P 27 4 11	Round	27'	4.0"	11	8.0"	3/4" x 18" x 3"	Bottom: 8' x 4", 86 lbs Center: 8' x 4", 65 lbs Center: 8' x 4", 65 lbs Top: 3' x 4", 31 lbs	6.8	6.0	4.7	3.6
RS4P 30 4 11	Round	30'	4.0"	11	8.0"	3/4" x 18" x 3"	Bottom: 8' x 4", 86 lbs Center: 8' x 4", 65 lbs Center: 8' x 4", 65 lbs Top: 6' x 4", 51 lbs	5.1	4.4	3.3	2.4
SS2P 15 4 11	Square	15'	4.0"	11	8.0"	3/4" x 18" x 3"	Bottom: 8' x 4", 86 lbs Top: 7' x 4", 61 lbs	14.6	13.2	11.0	9.2
SS3P 20 4 11	Square	20'	4.0"	11	8.0"	3/4" x 18" x 3"	Bottom: 8' x 4", 86 lbs Center: 8' x 4", 65 lbs Top: 4' x 4", 42 lbs	8.5	7.5	6.0	4.8
SS3P 24 4 11	Square	24'	4.0"	11	8.0"	3/4" x 18" x 3"	Bottom: 8' x 4", 86 lbs Center: 8' x 4", 65 lbs Top: 8' x 4", 93 lbs	6.9	6.0	4.4	3.2
SS4P 27 4 11	Square	27'	4.0"	11	8.0"	3/4" x 18" x 3"	Bottom: 8' x 4", 86 lbs Center: 8' x 4", 65 lbs Center: 8' x 4", 65 lbs Top: 3' x 4", 31 lbs	3.5	2.9	1.9	1.0
SS4P 30 4 11	Square	30'	4.0"	11	8.0"	3/4" x 18" x 3"	Bottom: 8' x 4", 86 lbs Center: 8' x 4", 65 lbs Center: 8' x 4", 65 lbs Top: 6' x 4", 51 lbs	2.3	1.8	N/A	N/A

NOTE: 1 EPA's ARE CALCULATED BASED ON THE ASCE 7-10, RISK CATEGORY II, 3-SECOND GUST WINDSPEED GUIDELINES. TO DETERMINE THE WINDSPEED RATING FOR A SPECIFIC SITE, PLEASE REFER TO: [WINDSPEED BY LOCATION](http://windspeed.atcouncil.org/) <http://windspeed.atcouncil.org/>

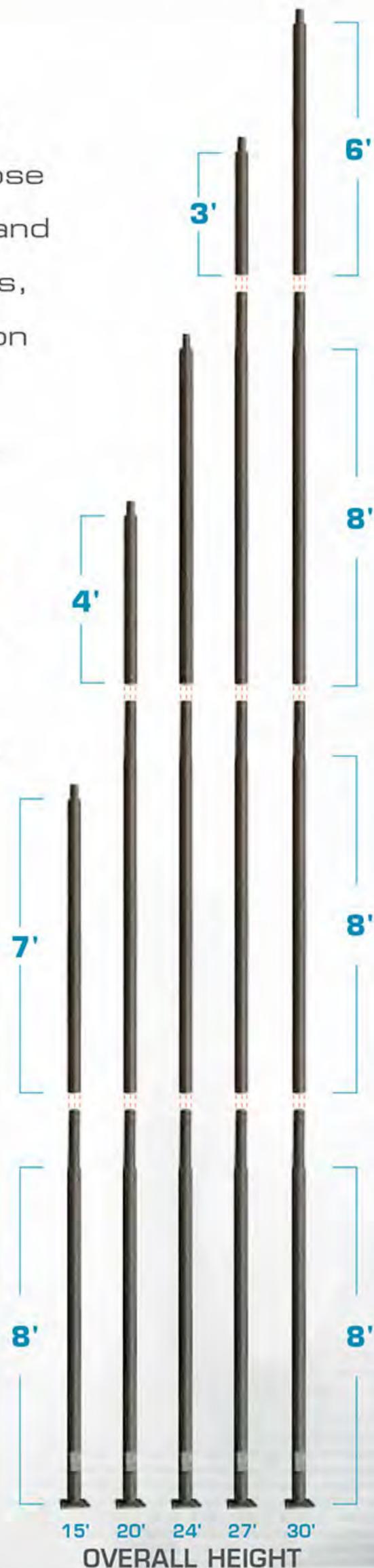
# POLE MODULARITY

The Totem Pole System is the only modular light pole system on the market. With 10 standard models to choose from and the ability to “mix and match” individual components, there is a Totem Pole solution for nearly any application.

## AVAILABLE IN SQUARE & ROUND

Available in up to 30' pole heights in both round and square pole models. Each discrete pole section was painstakingly engineered to be interchangeable. Pole sections can be combined to create a variety of finished pole heights.

### SEAMLESS CONNECTIONS



Our proprietary connector system ensures each connection point will be completely straight and virtually seamless. The system was designed to be assembled easily and quickly with a minimal amount of components.

• Patent Pending

# POLE BRACKETS & ACCESSORIES

## UNIVERSAL ARM MOUNTS



### 4" SQUARE POLE ADAPTER

The PTA4 pole top adaptor is used to allow the square Totem Pole with a 2-3/8" OD tenon to accept any Techlight fixture that requires a straight arm mount such as the SSA or VSA as well as the Scimitar SDARM mount.

PTA4



### 4" ROUND POLE ADAPTER

The PTA4R pole top adaptor has the same universal mounting ability as the PTA4, but was designed to be used on the round Totem Pole models to retain the clean, sleek look of the round pole.

PTA4R

## HORIZONTAL IN-LINE ADAPTORS

The TH series of tenon adaptors were designed to adapt an existing vertical 2-3/8" OD tenon to provide one or more horizontal 2-3/8" OD tenons to allow mounting of a fixture via an adjustable slip fitter. They are constructed of heavy duty steel tubing and given a super durable polyester powder coat finish.



TH290



TH3120



TH490



TH390



TH2180

## ROUND & SQUARE BULL HORNS

The TH series of tenon adaptors were designed to adapt an existing vertical 2-3/8" OD tenon to provide one or more horizontal 2-3/8" OD tenons to allow mounting of a fixture via an adjustable slip fitter. They are constructed of heavy duty steel tubing and given a super durable polyester powder coat finish.



RV2



RV3



RV4



RVC4



TV2



TV3



TV4



TVC4

# SAVINGS THROUGH INNOVATION!

\* Freight estimates based on dedicated load shipments for standard poles and LTL freight shipments for Totem Poles.

**40%  
SAVINGS**

**41%  
SAVINGS**

**45%  
SAVINGS**



# TECHLIGHT CASE STUDY

## Tired of overpaying for your pole freight?

Light pole shipping and handling has traditionally required specialized experience and equipment due to the awkward size and shape of pole products. Most orders are shipped by specialized carriers with the customer at the mercy of both the manufacturer and the chosen carrier.

Techlight's Totem Pole Modular Pole System completely changes the way light poles can be shipped. Our unique pole designs can reduce freight charges up to 40% by allowing the poles to be shipped on pallets by standard freight carriers.

Shipping (10) 20' Poles at 2500 lbs	Ft Lauderdale	Raleigh	Boston	Chicago	Seattle	LA	Phoenix	Kansas City
Totem Poles	\$550	\$450	\$760	\$540	\$640	\$470	\$350	\$280
Standard Pole	\$1208	\$1085	\$1575	\$1170	\$1435	\$1145	\$855	\$680
Shipping Per Pole Price								
Totem Poles	\$55	\$45	\$76	\$54	\$64	\$47	\$35	\$28
Standard Pole	\$120	\$108	\$157	\$117	\$143	\$114	\$85	\$68

## Tired Of Receiving Damaged Light Poles?



### PALLETIZED

Each Totem Pole shipment is safely delivered on 10' pallets to keep the poles completely wrapped and unharmed during transport. Palletizing the pole sections allows for them to be moved easily with a forklift and safely stored in a warehouse for convenient use.

### LTL

Shipping via a Less Than Load (LTL) box truck means no waiting for complicated shipping schedules and each shipment will stay protected from the elements until it arrives at its destination.



Seattle, WA

Los Angeles, CA



**TECHLIGHT**  
INNOVATION IN ILLUMINATION

For additional information,  
please contact us at 800.225.0727  
or find your local sales representative at  
[www.techlightusa.com](http://www.techlightusa.com)



Our Lights are DesignLights Consortium® Qualified.

The DesignLights Consortium™ promotes quality, performance and energy efficient commercial sector lighting solutions through collaboration among its federal, regional, state, utility, and energy efficiency program members, luminaire manufacturers, lighting designers, and other industry stakeholders throughout the US and Canada. Please go to [www.designlights.org](http://www.designlights.org) or the current Qualified Products List. Further details about qualified models may be found under Family Models.



All of Techlight's products meet Federal ARRA (American Recovery and Reinvestment Act) Guidelines and are proudly engineered and manufactured in the USA.

**AMERICAN**  
★ **MADE** ★  
IN THE USA

Totem Pole Product Guide: TOTEMPG REV 201605-01

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