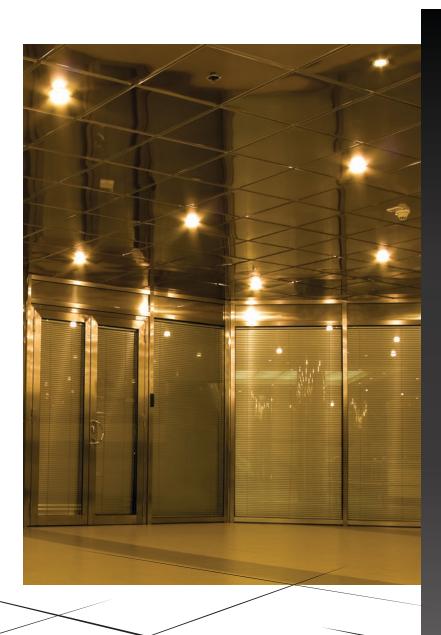




# Discover the TCP® Advantage



- 20-Year History in Energy Efficient Lighting
- Billions of Lamps shipped
- Top Product Awards
- Multiple Supplier Awards
- Speed to Market
  - TCP controls every aspect from design and development to manufacturing and distribution of products worldwide
- Industry Leading LED performance that is everyday affordable
- Global Footprint
  - 7 TCP offices globally
  - 4 TCP owned manufacturing facilities
  - US assembly of LED lamps and fixtures

tcpi.com



TCP° has a 20-year history in energy-efficient lighting. Thanks to our cutting edge technology and deep manufacturing expertise, we have shipped literally billions of high quality lamps and our integrated technology and manufacturing provides expedited time-to-market. With TCP, you can count on unique lighting products designed to meet very specific needs—lighting that transforms your surroundings and envelopes you in warmth—lighting that generates emotion with every flip of the switch.

# TCP LED Uncompromised Quality

Is it any wonder why TCP LED Lamps are nationally acclaimed? TCP partners with leading LED chip manufacturers while applying experience, designing and producing our own driver and lamp technology. The result: Amazing Light Quality with exceptional performance. TCP LEDs efficacy level is at 88%—leading the industry. We also offer a vast LED PAR selection to give you the options you need.

# Elite Series LED

TCP is redefining the LED market with our Elite Series, offering a comprehensive LED lineup.

### ADVANCED TECHNOLOGY

TCP designs and manufactures its own lamps. This means better quality-control and faster turnaround times.

TCP partners with leading LED chip manufacturers to provide **SPECTACULAR LIGHTING**.

These excellent LED chips provide superb color, light quality and maintenance

# **UNPRECEDENTED PERFORMANCE**

## BETTER EFFICACY

Up to 20% IMPROVED EFFICIENCY over previous generation LEDs.

Up to 85% ENERGY SAVINGS over incandescent.

## PRODUCT EXCELLENCE

Excellent light distribution

High color rendering index (CRI)

Smooth uniform dimming

Uses less watts, provides same great lumen output

# COMPLETE LED LINE-UP

#### MOST OPTIONS

TCP meets your specific needs by offering more than **500 LED LAMP OPTIONS.** 

## ELITE DESIGNER SFRIFS

**Designer-Grade PARs** 

#### **ELITE SERIES**

**Discrete PARs** 

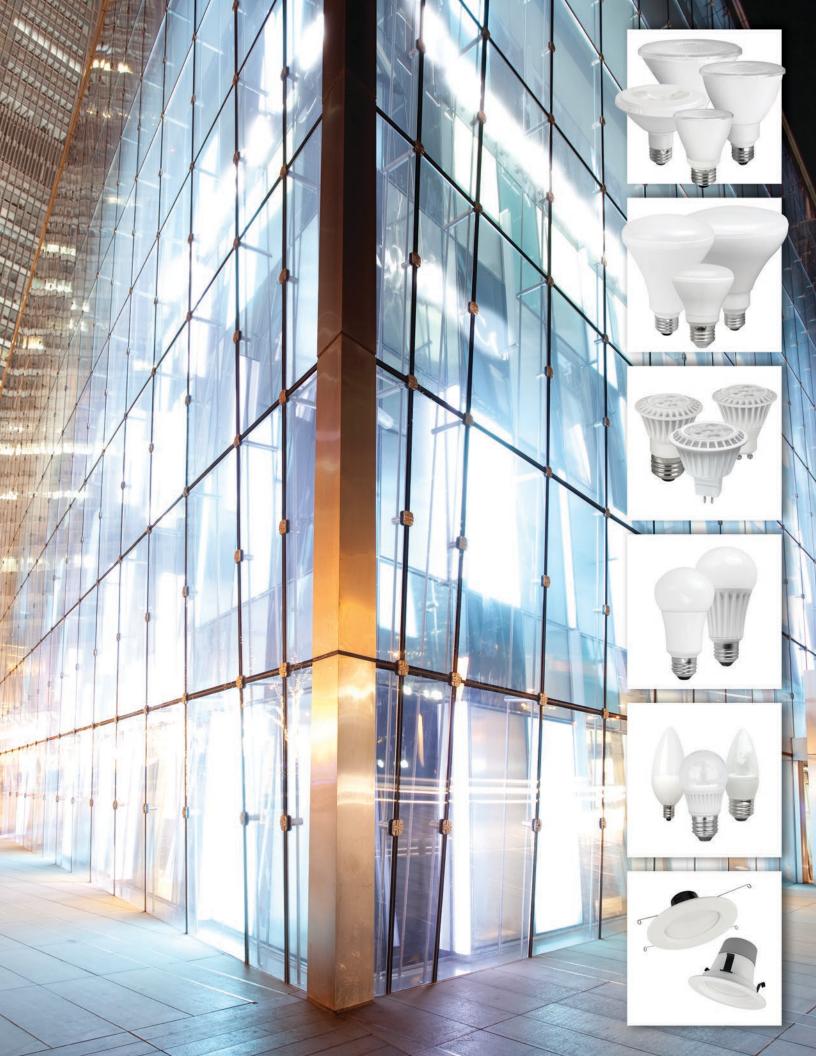
MR16s

BRs

**A-Lamps** 

Decos

**Retrofit Kits** 



Elite Designer Series LED PAR Lamps

Perfect for the more demanding lighting applications like high-end retail and restaurants. Elite Designer Series demonstrates TCP's most advanced technology found in our award-winning PAR lamps.



Available in white or black housing

TCP LED	INCANDESCENT REPLACEMENT	AVERAGE LUMENS	AVERAGE LPW
PAR38 non-dimmable	150VV PAR38	1600	70
19W PAR38 wet location dimmable	120VV PAR38	1200	63
17VV PAR38	120VV PAR38	1200	70
14VV PAR38/PAR3OLN	90VV PAR38 & PAR30	1050	75
12VV PAR3OLN/PAR3OSN	75W PAR30	850	71
10W PAR30SN/PAR20	60W PAR30 & PAR20	600	60
8VV PAR20	50VV PAR20	500	62

# Optics 15° Spot 25° Narrow Flood 40° Wide Flood

# High CRI Available

# Color Temperatures 35 41 27

90<sup>cri</sup> 50<sup>r9</sup>

## Full face optics

ADVANCED THERMALS for optimal heat dissipation

FULLY DIMMABLE (100% to 5%) and non-dimmable options

#### **CHIP ON BOARD**

TCP's COB is a single LED chip/ optic design offering a CLEAN UNIFORM BEAM PATTERN

#### **MORE EFFICIENT**

Our high efficiency driver supports improved lamp efficacy

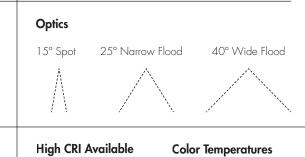
DESIGNER GRADE LIGHT OUTPUT

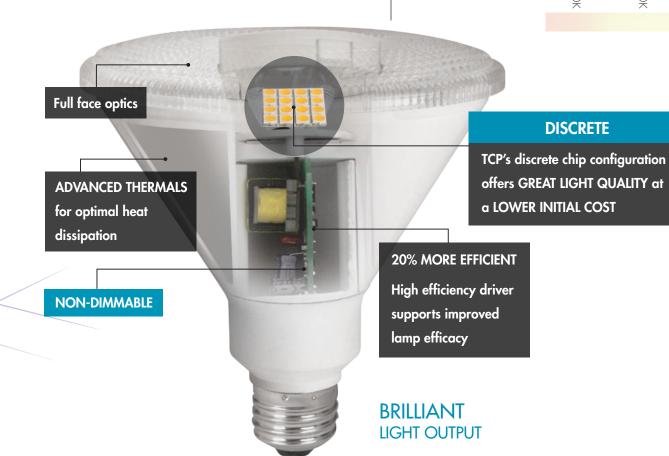
Elite Series LED PAR Lamps

The Elite Series LED PARs are a more energy-efficient, cost-saving option—great for most applications.



TCP LED	INCANDESCENT REPLACEMENT	AVERAGE LUMENS	AVERAGE LPW
14VV PAR38	90VV PAR38	1050	75
12W PAR3OLN	75W PAR30	850	71
10W PAR30SN	60VV PAR30	600	60
8W PAR20	50W PAR20	500	62



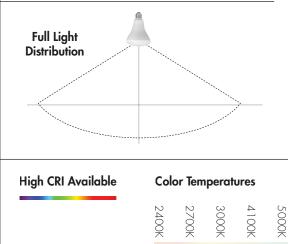


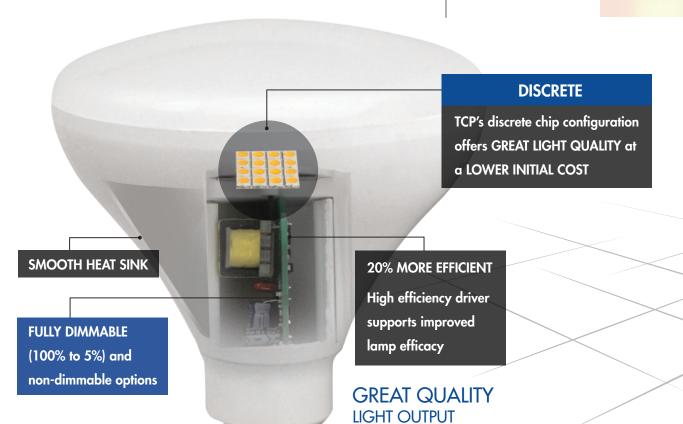
Elite Series LED BR Lamps

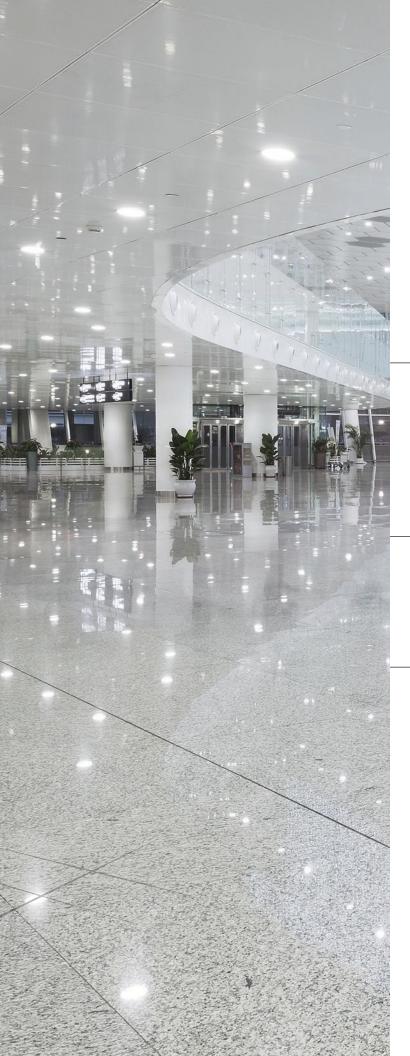
TCP's Elite Series LED BRs are great for illuminating large areas with smooth, attractive light.



TCP LED	INCANDESCENT REPLACEMENT	AVERAGE LUMENS	AVERAGE LPW
1 <i>7</i> VV BR40	120W BR40	1200	71
12VV BR30/40	85W BR30 & BR40	850	71
10VV BR30/40	65W BR30 & BR40	650	65
8W R20	50W R20	500	62







# LED Dimmable Recessed Retrofits

TCP's Dimmable Retrofit Kits are the perfect choice for new construction and retrofit opportunities when a sleek, integrated look is preferred.



TCP LED	INCANDESCENT REPLACEMENT	AVERAGE LUMENS	AVERAGE LPW
14W 5/6" Retro Can	85W 5/6" Recessed	850	61
12W 5/6" Retro Can	65W 5/6" Recessed	650	54
10W 4" Retro Can	50W 4" Recessed	500	50

## **GREAT FEATURES & BENEFITS**

- 85W BR30/BR40, 65W BR30/BR40, and 50W R20 downlight replacement options
- ENERGY STAR® rated
- LONG LIFE: 35,000 hour
- SMOOTH, uniform dimming from 100% 5%
- EXCELLENT color rendering
- HIGHLY EFFICIENT LEDs and drivers
- CONSISTENT COLOR within 3 Mac Adam ellipse tolerance
- PERFECT for retrofit or new construction recessed downlight applications
- UL APPROVED for damp locations
- EASY INSTALLATION—pigtail and spring clips

Elite Series LED A-Lamps

Both TCP All-Purpose and Omni-Directional
A-Lamps provide excellent light distribution and
look beautiful in any standard A-lamp application.
TCP's High Output A-Lamps are ideal for use in
areas where maximum light output is required.

		SERIES BY TCP
A-19	CLEAR A-19	A-21

INCANDESCENT REPLACEMENT	AVERAGE LUMENS	AVERAGE LPW
100W A-Lamp	1600	89
100W A-Lamp	1600	100
75W A-Lamp	1100	85
75W A-Lamp	1100	85
60W A-Lamp	800	80
60W A-Lamp	800	80
40W A-Lamp	450	64
40W A-Lamp	450	64
	REPLACEMENT  100W A-Lamp  100W A-Lamp  75W A-Lamp  60W A-Lamp  60W A-Lamp  40W A-Lamp	REPLACEMENT         LUMENS           100W A-Lamp         1600           100W A-Lamp         1600           75W A-Lamp         1100           75W A-Lamp         1100           60W A-Lamp         800           60W A-Lamp         800           40W A-Lamp         450





Environments positively shine with TCP's all-purpose and omni-directional lamps



Elite Series MR16 Lamps

The same performance that you have come to expect in TCP PAR lamps, can now be found in our LED MR16s—the perfect replacement for 50 watt halogen.

		SERIES by TCP
MR16	GU10	PAR16

TCP LED	INCANDESCENT REPLACEMENT	AVERAGE LUMENS	AVERAGE LPW
7W MR16	50W MR16	500	71
7W PAR16	50W PAR16	500	71
7W GU10	50W GU10	500	71
5W MR16	35W MR16	350	70
7W PAR16	35W PAR16	350	70
7W GU10	35W GU10	350	70

# Optics

20° Narrow Flood 40° Wide Flood

High CRI Available

Color Temperatures\*

**Fully Dimmable** 

2700K

\* other color temperatures available up on request

#### TCP LED MR16







TCP's MR16 lamps make jewelry shimmer and sparkle for an eye-catching display.

TCP's MR16s powerfully spotlight items while saving energy and lowering maintenance costs



Elite Series Decorative Lamps

These decorative lamps closely mimic the look and feel of incandescent, but they last much longer keeping fixtures fully illuminated.



**Fully Dimmable** 





G40 Globe E26 Base Opaque



G25 Globe E26 Base Opaque



G25 Globe E26 Base Clear

TCP LED	INCANDESCENT REPLACEMENT	AVERAGE LUMENS	AVERAGE LPW
4VV Blunt Tip	25W Blunt Tip	200	64
4W G16 Globe	25W G16 Globe	200	64
5W Blunt Tip	40W Blunt Tip	300	80
5W G16 Globe	40W G16 Globe	300	60
5W G25 Globe	40W G25 Globe	300	60
8W G25 Globe	60W G25 Globe	500	63



\$14 Globe E26 Base Clear



G16 Globe E26 Base Opaque



G16 Globe E26 Base Clear



G16 Globe E12 Base Opaque



G16 Globe E12 Base Clear

#### **OUTDOOR DAMP LOCATION**

TCP LED Decos are also perfect for outdoor applications. They help guests feel safe and secure

> We also have a line of wet location \$14 Lamps that can be exposed directly to the elements



**Blunt Tip** E26 Base Opaque



**Blunt Tip** E26 Base Clear



**Blunt Tip** E12 Base Opaque



**Blunt Tip** E12 Base Clear



Flame Tip E12 Base Opaque



Flame Tip E12 Base Clear



# LED Recessed Troffers & Volumetric Luminaires

TCP LED recessed troffers and volumetric luminaires are high efficiency alternatives to T5, T8 and T12 linear fluorescent troffers. With 50,000 hours of excellent color consistency and lumen maintenance, TCP is the obvious choice for LED troffers.



## GREAT FEATURES & BENEFITS

- Up to 41% LESS ENERGY than fluorescent alternatives
- LONG LIFE: 50,000 hour
- VERY LOW HEAT generation
- SMOOTH, UNIFORM dimming (120V)
- EXCELLENT color consistency & superior lumen maintenance
- MERCURY FREE—great for all environments
- Fits standard 1" and 9/16" T-bar grids
- TCP LED drivers are specifically designed for high efficient LED combination

#### **AESTHETICALLY PLEASING**

Acrylic diffuser conceals the LEDs while providing even light distribution across the luminaire











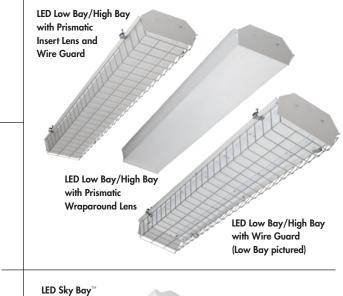
# LED Bay Lighting

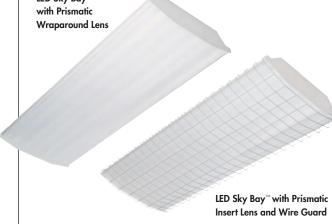
High efficiency LED Bays. Use anywhere you need exceptional light distribution for mounting heights up to 60 feet.

## **GREAT FEATURES & BENEFITS**

- ENERGY-EFFICIENT—up to 60% less energy than HID alternatives
- LONG LIFE: 50,000 hour
- INSTANT ON
- VERY LOW heat generation
- EXCELLENT color rendering
- MERCURY FREE-great for all environments
- HEAVY DUTY 20 gauge housing is code grade steel
- TCP LED drivers are specifically designed for high efficient LED combination

TCP LED Bay's superior lumen package is ideal for replacing metal halide and linear fluorescent high and low bay systems













# LED T8 Lighting System

TCP LED T8 tubes are a direct replacement for 32W fluorescent lamps.

# GREAT FEATURES & BENEFITS

• >40% ENERGY SAVINGS

• LONG LIFE: 50,000 hour

• INSTANT ON/OFF—no delays

• SHATTERPROOF—all plastic housing

• EXCELLENT color rendering

• MERCURY FREE—environmentally friendly





#### **Color Temperatures\***

3500K 3500K

LED T8 tubes replacement for 4 foot linear fixtures with Instant Start Ballasts







## PFRFORMANCE

#### 20% Improved Efficacy

#### **PAR Series**

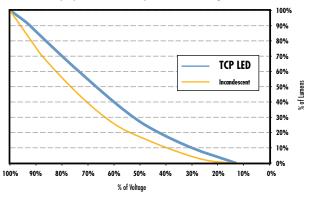
	-				
2014		2015	Туре	Lumens	Equivalency
19W		1 <i>7</i> W	PAR38	1200	120
1 <i>7</i> W		14W	PAR38, PAR30LN	1000	90
14W	ESS Nergy	12W	PAR30LN, PAR30SN	850	75
12W	Z	10W	PAR3OSN, PAR2O	650	60
9W		8W	PAR20	500	50

**BR & Downlight Series** 

2014	2015	Туре	Lumens	Equivalency
14W	12W	BR30 & BR40 6" Downlight	850	85
	NERGY 10VV	BR30 4" Downlight	650	65
9W	8W	R20 4" Downlight	500	50

#### Exceptional Dimming

TCP LED lamps provide no-compromise dimming



#### VAIUF

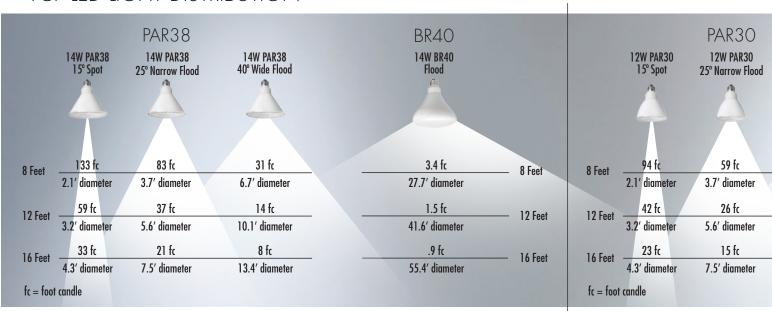
TCP LEDs outlast other light sources, keeping your lighting system complete while saving money through reduced energy and maintenance costs.





Fast ROI	Sim	nple Payback in Yea	ırs
Daily Usage	TCP 17W PAR38	TCP 14W PAR30	TCP 8W PAR20
ROI at 3 hours	3.0	3.0	2.5
ROI at 8 hours	1.3	1.3	1.2
ROI at 24 hours	0.5	0.5	0.5

# TCP LED LIGHT DISTRIBUTION



# TCP LED Lighting Facts

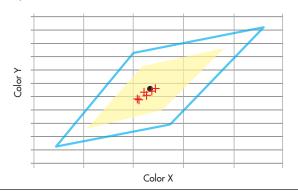
### LIGHT QUALITY

## Unsurpassed Light Pattern Quality



#### Consistent Color

Color consistency is extremely important. TCP lamps are rigorously tested to meet color tolerance standards that are significantly more stringent than those required by ENERGY STAR®



### **OPTIONS**

## PAR Lens Angles









15° Spot

LED with 15° spot lens is perfect for any application where you want to draw attention to specific items.

#### 25° Narrow Flood

Narrow floods draw attention in more subtle ways. These floods can be used along with different color temperatures to set different moods in the same room.

#### 40° Flood

Highlighting a broader area helps customers see more detail.

#### **Omni-Directional**

Omni-directional lighting mimics that of incandescent. It's perfect for table lamps and fixtures meant for standard bulbs.

#### Color Temperatures



#### 2400K - 2700K

Soft white light provides a warm environment and gives a similar feeling to incandescent lighting.



3000K - 3500K

#### 4100K

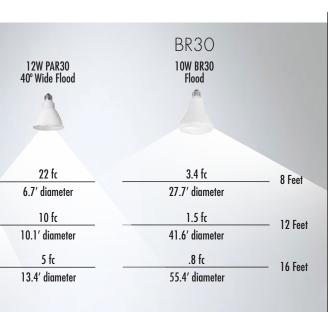
This warm white light, slightly cooler than the 2700K, bathes products in a warm, inviting light and gives products a warm inviting ambiance.

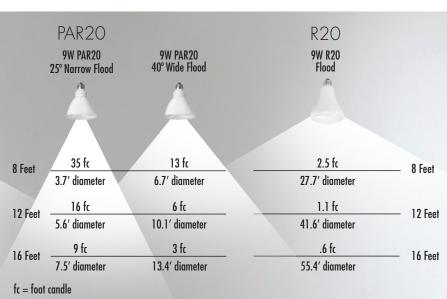
With its cooler, white light our 4100K brings out product nuances and helps customers see detail more clearly.



#### 5000K

Daylight LED bulbs are the perfect solution for creating an atmosphere close to true, natural outdoor light.







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For more information on the quality and care that TCP  $^{\tiny \circledcirc}$  can deliver, call us at 800.324.1496 or visit tcpi.com

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