



High Lumen LED Filament Lamps

Product Specifications



TCP's energy-efficient High Lumen LED Filament Lamps are exceptional replacements for HID metal halide lamps and a great alternative to Corn Cob replacement lamps. The classic HID shape fits perfectly into existing fixtures. The lamps are an excellent fit for High Bay and Low Bay fixtures, as well as base down and horizontal applications such as bollards and wall packs. Bypass application means that no ballasts are needed.

Reasons to choose the High Lumen LED Filament Lamps from TCP

- Universal burn position
- Ballast bypass 120-277V
- Versatile – can be used in open or enclosed fixtures
- 360° beam angle
- Lightweight
- Easy installation – screw it into the existing socket
- Energy savings of more than 75% over traditional HID metal halide lamps
- 2200K available – perfect for HPS replacements
- Instant start

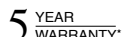
Typical Applications

- Warehouses
- Parking Structures
- Industrial Lighting
- Large Retail Facilities
- Gymnasiums
- Large Public Areas
- Movie Theatres
- Large Outdoor Areas
- Pathways

Specifications

| | | | |
|--------------------------|-----------------------------|-----------------------------|---------------|
| Shapes..... | A21, ED17, ED23, ED28, ED37 | Minimum Starting Temp | -40°C (-40°F) |
| Color Temperatures | 2200K, 3000K, 4000K, 5000K | Maximum Operating Temp..... | 65°C (149°F) |
| Voltage..... | 120-277V | CRI | ≥ 80 |
| Enclosed Fixture | Yes | Wet Location | Yes |
| Rated Life | 50,000 Hours* | Power Factor | >.9 |

*Note: A21 Rated Life is 25,000 Hours



*Based on 12 hours use per day

It's Real!
First 200 LPW
Filament Lamp!



16W A21

14W ED17

26W ED23

26W ED23
FROSTED

30W ED28

30W ED28
FROSTED

60W ED37

| ITEM # | DESCRIPTION | DLC | SHAPE | WATTS | HID REPLACEMENT | LUMENS | LPW | COLOR TEMP | CRI | BASE | MOL (inches) | DIA (inches) | WEIGHT (lbs) | CASE |
|-------------------|--------------------|------------------|-------|-------|-----------------|--------|-------|------------|-----|------|--------------|--------------|--------------|------|
| FA21 Lamps | | | | | | | | | | | | | | |
| FA21N20030E26CL | A21 30K E26 CLEAR | | A21 | 16 | 50 | 2700 | 181.3 | 3000K | 80 | E26 | 5.2 | 2.6 | 0.15 | 12 |
| ED17 Lamps | | | | | | | | | | | | | | |
| FED17N05022E26CL | ED17 22K E26 CLEAR | | ED17 | 14 | 50 | 1800 | 128.6 | 2200K | 80 | E26 | 5.4 | 2.2 | 0.16 | 6 |
| FED17N05040E26CL | ED17 40K E26 CLEAR | | ED17 | 14 | 50 | 2500 | 178.5 | 4000K | 80 | E26 | 5.4 | 2.2 | 0.16 | 6 |
| FED17N05050E26CL | ED17 50K E26 CLEAR | | ED17 | 14 | 50 | 2500 | 178.5 | 5000K | 80 | E26 | 5.4 | 2.2 | 0.16 | 6 |
| ED23 Lamps | | | | | | | | | | | | | | |
| FED23N15022E26CL | ED23 22K E26 CLEAR | | ED23 | 26 | 150 | 3600 | 138.5 | 2200K | 80 | E26 | 7.6 | 3.00 | 0.35 | 6 |
| FED23N15040E26CL | ED23 40K E26 CLEAR | | ED23 | 26 | 150 | 5000 | 192.3 | 4000K | 80 | E26 | 7.6 | 3.00 | 0.35 | 6 |
| FED23N15050E26CL | ED23 50K E26 CLEAR | | ED23 | 26 | 150 | 5000 | 192.3 | 5000K | 80 | E26 | 7.6 | 3.00 | 0.35 | 6 |
| FED23N15050E26FR | ED23 50K E26 FROST | | ED23 | 26 | 150 | 5000 | 192.3 | 5000K | 80 | E26 | 7.6 | 3.00 | 0.35 | 6 |
| ED28 Lamps | | | | | | | | | | | | | | |
| FED28N15022E39CL | ED28 22K E39 CLEAR | | ED28 | 30 | 150 | 4600 | 153 | 2200K | 80 | E39 | 8.2 | 3.5 | 0.42 | 6 |
| FED28N15040E39CL | ED28 40K E39 CLEAR | FED28N15040E39CL | ED28 | 30 | 150 | 6000 | 200 | 4000K | 80 | E39 | 8.2 | 3.5 | 0.42 | 6 |
| FED28N15050E39CL | ED28 50K E39 CLEAR | FED28N15050E39CL | ED28 | 30 | 150 | 6000 | 200 | 5000K | 80 | E39 | 8.2 | 3.5 | 0.42 | 6 |
| FED28N15050E39FR | ED28 50K E39 FROST | | ED28 | 30 | 150 | 6000 | 200 | 5000K | 80 | E39 | 8.2 | 3.5 | 0.42 | 6 |
| FED28N25040E39CL | ED28 40K E39 CLEAR | | ED28 | 40 | 150 | 8000 | 200 | 4000K | 80 | E39 | 8.2 | 3.5 | 0.42 | 6 |
| FED28N25050E39CL | ED28 50K E39 CLEAR | | ED28 | 40 | 150 | 8000 | 200 | 5000K | 80 | E39 | 8.2 | 3.5 | 0.42 | 6 |
| ED37 Lamps | | | | | | | | | | | | | | |
| FED37N40040E39CL | ED37 40K E39 CLEAR | FED37N40040E39CL | ED37 | 60 | 400 | 11000 | 183.3 | 4000K | 80 | E39 | 11.5 | 4.6 | 0.65 | 6 |
| FED37N40050E39CL | ED37 50K E39 CLEAR | FED37N40050E39CL | ED37 | 60 | 400 | 11000 | 183.3 | 5000K | 80 | E39 | 11.5 | 4.6 | 0.65 | 6 |

Accessories

ADAPTERE39E26 E39 lamp to E26 socket Adapter

ADAPTERE26E39 E26 lamp to E39 socket Adapter

TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market - that transforms your surroundings and envelopes you in warmth - lighting that generates beauty with every flip of the switch.

Sales:

Date:

Model:

Project:

Rep:

Catalog Number:

Type:

Notes:



For more information on the quality and care TCP can deliver, call us at **800.324.1496** or visit tcpi.com

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