



**EC&M**  
**Product of the Year**  
2023 Category Winner

**WE DID IT!**

First **200** LPW

**Filament Lamp!**  
**LOOK INSIDE!**



**High Lumen Filament Lamps**  
**... a Corn Cob Killer!**

# TCP High Lumen Filament Lamps

It's Real!  
**First 200 LPW  
 Filament Lamp!**



## High Lumen Filaments versus Metal Halides and Corn Cobs



### High Lumen Filament

- 30 Watts
- 5000K
- 50,000 Hours
- ED28 Shape



### Metal Halide

- 250 Watts
- 5000K
- 15,000 Hours
- ED28 Shape



### Corn Cob

- 5000K
- 50,000 Hours

High Lumen Filament Features	Benefits compared to Metal Halide and Corn Cob Lamps
78% Energy savings	Huge energy savings opportunity
80 CRI better color rendering	Can be used where color consistency is needed
No ballast required	No cumbersome ballast needed for operation
Use in open or enclosed fixtures	Highly versatile, use in almost any application
Instant Start	No waiting for the bulb to warm up or time off between re-starts
Lumen Depreciation	Consistent lumen output over the lifespan of the lamp, unlike alternatives
Size	Smaller than corn cobs, which allows them to be installed in most fixtures
Light Weight	No extra application equipment needed; corn cobs are particularly heavy leading to breakage
Heat Management	Produces less heat while operating, leading to fewer failures and safety risks over corn cobs
Reduce Glare	High Lumen Filaments produce less glare than alternatives, particularly corn cob lamps
Indoors or outdoors	Use indoors or outdoors in weather approved fixtures
Universal Burning Position	Use base up, base down, or horizontal
Decorative	Decorative look in traditional HID envelope
360° Beam Angle	Excellent overall lighting solution
Tons of applications	High Bays, Low Bays, Bollards, Wall Packs, Garages, Parking Structures, Decorative Fixtures...
Shatter Coat	Shatter Resistant Coating Available

ITEM #	DESCRIPTION	SHAPE	WATTAGE	VOLTAGE	LUMENS	LPW	COLOR TEMP	CRI	BASE	MOL (inches)	DIA (inches)	WEIGHT (lbs)	CASE
<b>ED37 Lamps</b>													
FED37N40040E39CL	ED37 40K E39 CLEAR	ED37	60	120-277V	11000	183.3	4000K	80	E39	11.5	4.6	0.42	6
FED37N40050E39CL	ED37 50K E39 CLEAR	ED37	60	120-277V	11000	183.3	5000K	80	E39	11.5	4.6	0.42	6
<b>ED28 Lamps</b>													
FED28N15022E39CL	ED28 22K E39 CLEAR	ED28	30	120-277V	4600	153	2200K	80	E39	8.2	3.5	0.42	6
FED28N15040E39CL	ED28 40K E39 CLEAR	ED28	30	120-277V	6000	200	4000K	80	E39	8.2	3.5	0.42	6
FED28N15040E39FR	ED28 40K E39 FROST	ED28	30	120-277V	6000	200	4000K	80	E39	8.2	3.5	0.42	6
FED28N15050E39CL	ED28 50K E39 CLEAR	ED28	30	120-277V	6000	200	5000K	80	E39	8.2	3.5	0.42	6
FED28N15050E39FR	ED28 50K E39 FROST	ED28	30	120-277V	6000	200	5000K	80	E39	8.2	3.5	0.42	6
FED28N25040E39CL	ED28 40K E39 CLEAR	ED28	40	120-277V	8000	200	4000K	80	E39	8.2	3.5	0.42	6
FED28N25040E39FR	ED28 40K E39 FROST	ED28	40	120-277V	8000	200	4000K	80	E39	8.2	3.5	0.42	6
FED28N25050E39CL	ED28 50K E39 CLEAR	ED28	40	120-277V	8000	200	5000K	80	E39	8.2	3.5	0.42	6
FED28N25050E39FR	ED28 50K E39 FROST	ED28	40	120-277V	8000	200	5000K	80	E39	8.2	3.5	0.42	6
<b>ED23 Lamps – Includes E26 to E39 Adapter</b>													
FED23N15022E26CL	ED23 22K E26 CLEAR	ED23	26	120-277V	3600	138.5	2200K	80	E26	7.6	3.00	0.35	6
FED23N15040E26CL	ED23 40K E26 CLEAR	ED23	26	120-277V	5000	192.3	4000K	80	E26	7.6	3.00	0.35	6
FED23N15040E26FR	ED23 40K E26 FROST	ED23	26	120-277V	5000	192.3	4000K	80	E26	7.6	3.00	0.35	6
FED23N15050E26CL	ED23 50K E26 CLEAR	ED23	26	120-277V	5000	192.3	5000K	80	E26	7.6	3.00	0.35	6
FED23N15050E26FR	ED23 50K E26 FROST	ED23	26	120-277V	5000	192.3	5000K	80	E26	7.6	3.00	0.35	6
FED23N15040E39CL	ED23 40K E39 CLEAR	ED23	26	120-277V	5000	192.3	4000K	80	E39	7.6	3.00	0.35	6
FED23N15050E39CL	ED23 50K E39 CLEAR	ED23	26	120-277V	5000	192.3	5000K	80	E39	7.6	3.00	0.35	6
<b>ED17 Lamps</b>													
FED17N05022E26CL	ED17 22K E26 CLEAR	ED17	14	120-277V	1800	128.6	2200K	80	E26	5.4	2.2	0.16	12
FED17N05022E26FR	ED17 22K E26 FROST	ED17	15	120-277V	1800	120.0	2200K	80	E26	5.4	2.2	0.16	12
FED17N05024E26CL	ED17 24K E26 CLEAR	ED17	15	120-277V	1800	120.0	2400K	80	E26	5.4	2.2	0.16	12
FED17N05024E26FR	ED17 24K E26 FROST	ED17	15	120-277V	1800	120.0	2400K	80	E26	5.4	2.2	0.16	12
FED17N05027E26CL	ED17 27K E26 CLEAR	ED17	15	120-277V	2200	146.7	2700K	80	E26	5.4	2.2	0.16	12
FED17N05027E26FR	ED17 27K E26 FROST	ED17	15	120-277V	2200	146.7	2700K	80	E26	5.4	2.2	0.16	12
FED17N05029E26CL	ED17 29K E26 CLEAR	ED17	15	120-277V	2500	166.7	2950K	80	E26	5.4	2.2	0.16	12
FED17N05029E26FR	ED17 29K E26 FROST	ED17	15	120-277V	2500	166.7	2950K	80	E26	5.4	2.2	0.16	12
FED17N05035E26CL	ED17 35K E26 CLEAR	ED17	15	120-277V	2500	166.7	3500K	80	E26	5.4	2.2	0.16	12
FED17N05040E26CL	ED17 40K E26 CLEAR	ED17	14	120-277V	2500	178.5	4000K	80	E26	5.4	2.2	0.16	12
FED17N05040E26FR	ED17 40K E26 FROST	ED17	15	120-277V	2500	166.7	4000K	80	E26	5.4	2.2	0.16	12
FED17N05050E26CL	ED17 50K E26 CLEAR	ED17	14	120-277V	2500	178.5	5000K	80	E26	5.4	2.2	0.16	12
FED17N05050E26FR	ED17 50K E26 FROST	ED17	15	120-277V	2500	166.7	5000K	80	E26	5.4	2.2	0.16	12



# Where to use High Lumen Filament Lamps



**ED37**



**ED28**



**ED23**



**ED17**

**High Lumen  
Filament Fixture**  
HLFE39U  
**Reflector**  
HBRACREFL



**Low Bays**



**Wall Packs**



**Outdoor Lighting**

## **Applications:**

- Parking Structures
- Pathways
- Small to Medium Retail Facilities
- Warehouses
- Industrial Lighting
- Gymnasiums
- Large Retail Facilities
- Almost any area where High Lumens are required

For more information on the quality and care that TCP® can deliver, call us at  
800.324.1496 or visit [tcp.com](http://tcp.com)