

GET HiLED LAMPS

LED Filament Lamps

LED Filament lamps with HID enclosures preserve the visual and functional appeal of traditional lighting while integrating LED benefits—energy savings, longevity, and sustainability—making them an ideal upgrade for HID fixtures.



GetTechnologies™
Pioneer of LED Lighting Technology in Pakistan



HiLED LED FILAMENT LAMPS

TECHNICAL FEATURES

1. Optical Performance Advantages

- **HID-like Light Distribution** – The curved glass design of HID bulbs optimizes light diffusion, ensuring uniform illumination with reduced glare, closely mimicking traditional HID lighting.
 - **High Light Transmittance** – The glass enclosure maximizes light output efficiency with minimal loss, which is much higher than corn cob lamps.
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2. Thermal Management Optimization

- **Stable Heat Dissipation** – LED filaments operate in a vacuum or inert gas environment, allowing natural convection cooling through the glass, avoiding degradation issues common with plastic housings.
 - **Reduced Lumen Depreciation** – Effective heat dissipation extends LED lifespan and maintains high luminous efficiency over time.
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3. Aesthetic & Compatibility Benefits

- **Retains Classic HID Appearance** – Ideal for applications requiring a "retro" or industrial aesthetic (e.g., streetlights, warehouses, commercial lighting).
 - **Direct HID Replacement** – Compatible with existing HID sockets (e.g., E26/E39), enabling plug-and-play retrofits without fixture modifications.
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4. Eco-Friendliness & Safety

- **Mercury-Free & Non-Toxic** – Unlike HID lamps (e.g., mercury vapor/sodium lamps), LED filaments contain no hazardous materials.
 - **Superior Vibration Resistance** – Solid-state construction is more robust than fragile HID arc tubes, making it suitable for harsh outdoor/industrial environments.
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5. Energy & Cost Efficiency

- **50–70% Energy Savings** – LED filaments far exceed HID in efficacy, delivering equivalent brightness at lower power.
 - **Long Lifespan (25,000–50,000 hours)** – Outlasts HID lamps (5,000–15,000 hours), slashing maintenance costs.
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6. Multiple CCT and CRI Choice

- Various from 2200K to 5000K and Optional Amber Choice
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APPLICATION

Outdoor Lighting

Streetlights, High Mast Lights, Plaza Lighting

Industrial Lighting

Warehouses, Factories, Gymnasiums

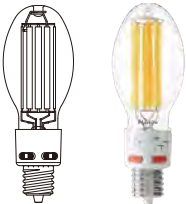
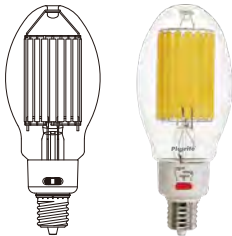
Commercial/decorative

Retro-style Restaurants, Hotels



HiLED LED FILAMENT LAMPS

HiLED-O FAMILY

				
ED17/ED54 15W	ED23.5/ED75 20W	ED28/ED90 25/30/34/40/45W	ED37/ED120 45/55W	ED37/ED120 65/85W
				
ED28/ED90 ADJ 25SW	ED28/ED90 ADJ 45SW	ED37/ED120 ADJ 45SW	ED37/ED120 ADJ 65/85W	

HiLED-T FAMILY

		
T38 20/25W	T46 30/40W	TT100 100W
		
T28/T90 ADJ 55SW	T65 ADJ 55SW	TT76 ADJ 50SW

HiLED LED FILAMENT LAMPS

HiLED-O Single Wattage, Single CCT

Description	Watts (W)	Lumens (lm)	LPW	CCT (K)	SPD	Bulb Designation	Diameter (mm)	MOL (mm)	Diameter (in)	MOL (in)	N.W. (kgs/pc)	HID Equivalent Highest Wattage (W)	Type of recessed luminaires and min. lamp compartment dimension (mm)
HiLED 15W/ED17	15	2250	150	2200	2kV	ED17	56	162	2.20	6.38	0.159	50	216*153*153
		2475	165	3000									
		2700	180	4000/5000									
HiLED 20W/ED23.5	20	3000	150	2200	2kV	ED23.5	75	196	2.95	7.72	0.167	70	216*153*153
		3300	165	3000									
		3600	180	4000/5000									
HiLED 25W/ED28	25	4000	160	2200	2kV	ED28	90	235	3.54	9.25	0.169	100	356*204*204
		4250	170	3000									
		4625	185	4000/5000									
HiLED 30W/ED28	30	4800	160	2200	2kV	ED28	90	235	3.54	9.25	0.201	150	356*204*204
		5100	170	3000									
		5550	185	4000/5000									
HiLED 34W/ED28	34	5950	175	2200	3kV	ED28	90	235	3.54	9.25	0.208	250	356*204*204
		6290	185	3000									
		6800	200	4000/5000									
HiLED 40W/ED28	40	6400	160	2200	3kV	ED28	90	235	3.54	9.25	0.208	250	356*204*204
		6800	170	3000									
		7400	185	4000/5000									
HiLED 45W/ED28	45	7200	160	2200	3kV	ED28	90	235	3.54	9.25	0.208	320	356*204*204
		7650	170	3000									
		8325	185	4000/5000									
HiLED 45W/ED37	45	7200	160	2200	3kV	ED37	120	285	4.72	11.22	0.282	320	390*420*190
		7650	170	3000									
		8325	185	4000/5000									
HiLED 55W/ED37	55	8800	160	2200	3kV	ED37	120	285	4.72	11.22	0.282	400	390*420*190
		9350	170	3000									
		10175	185	4000/5000									
HiLED 65W/ED37	65	10400	160	2200	4kV	ED37	120	292	4.72	11.50	0.500	400	390*420*190
		11050	170	3000									
		12025	185	4000/5000									
HiLED 85W/ED37	85	13600	160	2200	4kV	ED37	120	292	4.72	11.50	0.598	450	349*431*431
		14450	170	3000									
		15725	185	4000/5000									

Adjustable Wattage

Description	Watts (W)	Lumens (lm)	LPW	CCT (K)	SPD	Bulb Designation	Diameter (mm)	MOL (mm)	Diameter (in)	MOL (in)	N.W. (kgs/pc)	HID Equivalent Highest Wattage (W)	Type of recessed luminaires and min. lamp compartment dimension (mm)
HiLED 25SW/ED28/8CCT3 (Selectable CCT)	25/20.5/17	up tp 4500	180	Selectable 3000 4000/5000	2kV	ED28	90	252	3.54	9.92	0.200	100	356*204*204
		up tp 4700	188										
		up tp 5000	200										
HiLED 45SW/ED28	45/38/30	up tp 7650	170	3000 4000 5000	3kV	ED28	90	252	3.54	9.92	0.250	320	356*204*204
		up tp 8325	185										
		up tp 8750	195										
HiLED 45SW/ED37/8CCT3 (Selectable CCT)	45/38/30	up tp 7650	170	Selectable 3000 4000/5000	3kV	ED37	120	292	4.72	11.50	0.500	320	390*420*190
		up tp 8100	180										
		up tp 8325	185										
HiLED 65SW/ED37	65/55/45	up tp 11050	170	3000 4000 5000	4kV	ED37	120	292	4.72	11.50	0.500	400	390*420*190
		up tp 12025	185										
		up tp 12600	195										
HiLED 85SW/ED37	85/68/60	up tp 14450	170	3000 4000 5000	4kV	ED37	120	292	4.72	11.50	0.500	450	349*431*431
		up tp 15725	185										
		up tp 16500	195										

ED17/ED23.5: E26/E27 Base
ED23.5/ED28/ED37: E39/EX39/E40 Base

HiLED LED FILAMENT LAMPS

HiLED-T Single Wattage, Single CCT

Description	Watts (W)	Lumens (lm)	LPW	CCT (K)	SPD	Bulb Designation	Diameter (mm)	MOL (mm)	Diameter (in)	MOL (in)	N.W. (kgs/pc)	HID Equivalent Highest Wattage (W)	Type of recessed luminaires and min. lamp compartment dimension (mm)
HiLED 20W/T38	20	2900	145	2200	2kV	T38	38	185	1.5	7.28	0.140	70	260*200*160
		3100	155	3000									
		3400	170	4000/5000									
HiLED 25W/T38	25	3625	145	2200	2kV	T38	38	185	1.5	7.28	0.150	100	260*200*160
		3875	155	3000									
		4250	170	4000/5000									
HiLED 30W/T46	30	4800	160	2200	2kV	T46	46	230	1.81	9.06	0.190	150	430*430*150
		5100	170	3000									
		5550	185	4000/5000									
HiLED 40W/T46	40	6400	160	2200	3kV	T46	46	230	1.81	9.06	0.200	250	430*430*150
		6800	170	3000									
		7400	185	4000/5000									
HiLED 100W/TT100	100	15000	150	2200	3kV	TT100	102	420	4.02	16.54	0.208	600	Pending (better to test with required fixture size)
		17000	170	3000									
		18000	180	4000									
		19000	190	5000									

Adjustable Wattage

Description	Watts (W)	Lumens (lm)	LPW	CCT (K)	SPD	Bulb Designation	Diameter (mm)	MOL (mm)	Diameter (in)	MOL (in)	N.W. (kgs/pc)	HID Equivalent Highest Wattage (W)	Type of recessed luminaires and min. lamp compartment dimension (mm)
HiLED 55SW/T28	55/45/35	up tp 10450	190	4000	3kV	T28	91	255	3.58	10.04	0.497	400	425*210*250
			190	5000									
HiLED 55SW/T65	55/45/35	up tp 8250	150	2200	3kV	T65	66	350	2.60	13.78	0.509	Max 400	Pending (better to test with required fixture size)
		up tp 9350	170	3000									
		up tp 9900	180	4000									
		up tp 10450	190	5000									
HiLED 50SW/TT76	50/40/30	up tp 7500	150	2200	3kV	TT76	77	340	3.03	13.39	0.755	Max 320	Pending (better to test with required fixture size)
		up tp 8500	170	3000									
		up tp 9000	180	4000									
		up tp 9500	190	5000									

T38: E26/E27 Base
T28/T46/TT65/TT76/TT100: E40/E39/EX39 Base

HiLED vs HID / Corn Lamp

Comparison	HID-Style LED Filament Lamp	Corn Cob LED Lamp	Traditional HID Bulb
Light Quality	360° near-HID light distribution, excellent CRI (80+)	Multi-directional but slightly uneven light	Excellent color rendering (CRI 65-90)
Design	Classic HID appearance with glass enclosur	Modern industrial look with multiple LED arrays	Traditional bulb design
Heat Dissipation	Superior (glass enclosure allows better thermal management)	Good (aluminum frame helps cooling)	Poor (generates intense heat)
Efficiency	120-200 lm/W	100-150 lm/W	50-100 lm/W
Power Consumption (vs. HID)	60-70% lower than HID	40-50% lower than HID	Baseline (high energy use)
Lifespan	25,000-50,000 hours	30,000-50,000 hours	5,000-15,000 hours
Durability	Excellent (vibration-resistant)	Good	Poor (fragile arc tube)
Startup Time	Instant on	Instant on	3-10 minutes warm-up
Maintenance	Virtually maintenance-free	Low maintenance	Frequent replacements
Cost Effectiveness	Higher initial cost, best long-term ROI	High cost, good ROI	Low initial cost, high operating cost

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HiLED vs HID / Corn Lamp

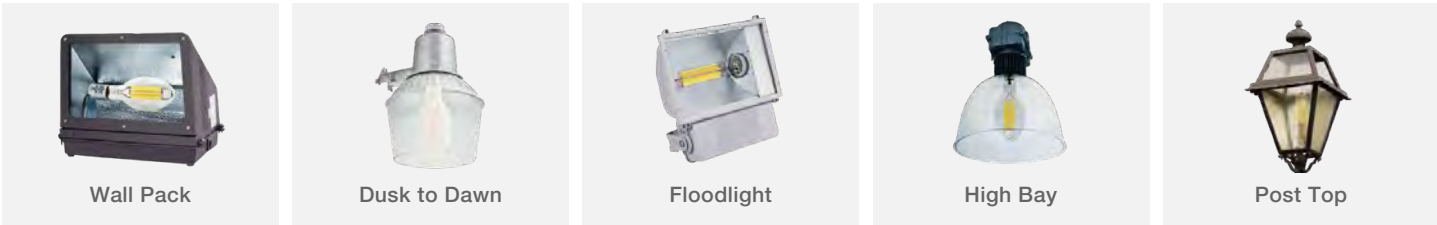


HiLED	HID	Corn Lamp
15W	50W	18W
20W	70W	18W
25W	100W	27W
30W	150W	36W
40/45W	250W	54W
55/65W	320/400W	80/100W
85W	400/450W	100/120W



HiLED	HID	Corn Lamp
20W	70W	18W
25W	100W	27W
30W	150W	36W
40W	250W	54W
50/55W	400W	80/100W
100W	600W	160W

SUITABLE TRADITIONAL FIXTURE



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GetTechnologiesTM

Powering a Green Tomorrow

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