



Light Efficient Design

a division of TADD, LLC

Lighting Solutions For a **GREENER** World



Making the switch to LED has never been more appealing. Our patented designs and innovative technology offer an array of compatible products for most HID fixtures or retrofit projects. Our retrofit solution is a simple alternative to total fixture replacement that delivers quick ROI.

LED for **HID**
RETROFIT



When it comes to the best, most energy-efficient lighting solution...

LED for HID RETROFIT

It's What's INSIDE That Counts!



High Bay / Low Bay

Why Retrofit?

#1 It's Budget-Friendly

Unlike total fixture replacement, you can retrofit in budget-manageable phases, while achieving energy and maintenance savings.

Roll out as it suits YOU

#2 It Looks Great!

While keeping your existing fixture styles consistent, our retrofit lamps provide high CRI and your choice of Kelvin temperatures.

All greater than 80 CRI

#3 It's Easy

Installation is simple—with our convenient retrofits, you simply bypass the ballast and screw them in.

NO electrician needed to maintain

#4 It's Upgradeable

Technological advances allow us to offer more efficient, high-powered LEDs at a lower cost. Easy upgrades and installation prevents you from being stuck with outdated fixtures.

Easy to keep up!

#5 It's Accredited

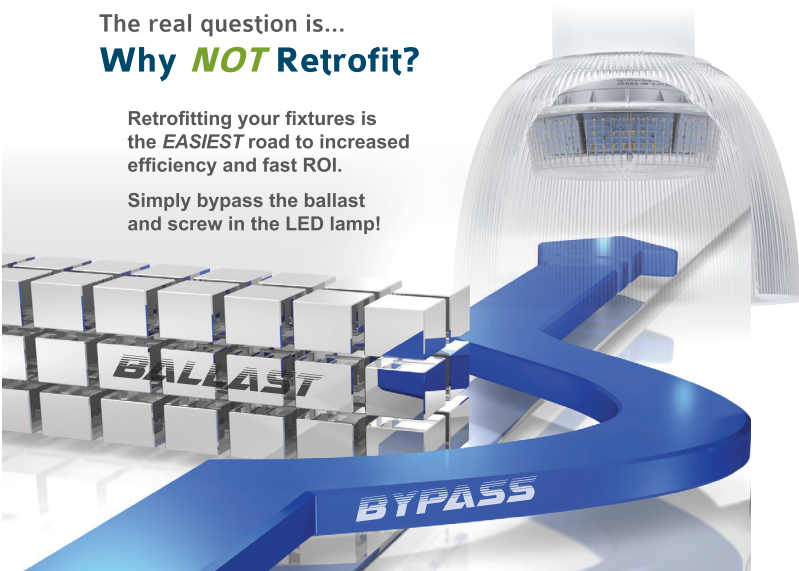


The real question is...

Why **NOT** Retrofit?

Retrofitting your fixtures is the **EASIEST** road to increased efficiency and fast ROI.

Simply bypass the ballast and screw in the LED lamp!



100W

Replaces up to 250W

45PC36 LED-8036M42

45PC12 LED-8036M57

Slender neck fits tight applications



150W

Replaces up to 400W

45PC34 LED-8030M42

45PC10 LED-8030M57

Aims light upward, sideways and down



150W

Replaces up to 400W

45PC35 LED-8032M42

45PC11 LED-8032M57

Total downlight for ultra-high ceilings



52W

Replaces up to 175W

45PC32 LED-8025E42

45PC08 LED-8025E57

45PC33 LED-8025M42

45PC09 LED-8025M57

Choice of base sizes available



Recessed Can

30W

Replaces up to 100W

45PC15 LED-8055E27

45PC38 LED-8055E42

45PC16 LED-8055E57

45PC17 LED-8055M27

45PC39 LED-8055M42

45PC18 LED-8055M57

50W

Replaces up to 175W+

45PC13 LED-8045M27

45PC37 LED-8045M42

45PC14 LED-8045M50

Choice of base sizes available



LED-8055



Shoe Box / Wall Pack

30W Replaces up to 100W

45PC40 LED-8087E40

45PC41 LED-8087E57

TYPE V Optics



50W Replaces up to 175W

45PC28 LED-8088E40

45PC02 LED-8088E57

45PC29 LED-8088M40

45PC03 LED-8088M57

TYPE V Optics

Choice of base sizes available

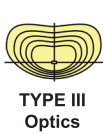


80W Replaces up to 250W

45PC30 LED-8089M40

45PC04 LED-8089M50

TYPE V Optics



TYPE V Optics

TYPE IV Optics

TYPE III Optics

120W Replaces up to 400W

45PC31 LED-8090M40

45PC05 LED-8090M50

45PC07 LED-8090M5T4

45PC06 LED-8090M5T3

TYPE V Optics

TYPE IV Optics

TYPE III Optics



Bollard

20W Replaces up to 70W

45PA96 LED-8039E30

45PC25 LED-8039E42

45PA97 LED-8039E57



24W Replaces up to 100W

45PA90 LED-8029E30

45PC22 LED-8029E42

45PA91 LED-8029E57

45PA92 LED-8029M30

45PC23 LED-8029M42

45PA93 LED-8029M57

LED-8029

Features top-mounted LEDs

Choice of base sizes available



Post Top w/External Driver



Dimmable
3 Ways!

- 0-10V DC Dimming
- PWM
- Resistive

Driver can be mounted up to 20 meters from the lamp

60W Replaces up to 250W

45PC27 LED-8085M42

45PC01 LED-8085M57

Post Top

38W Replaces up to 175W

45PA94 LED-8033E30

45PC24 LED-8033E42

45PA95 LED-8033E57

Features top-mounted LEDs



45W Replaces up to 175W

45PA84 LED-8024E30

45PC19 LED-8024E42

45PA85 LED-8024E57

45PA86 LED-8024M30

45PC20 LED-8024M42

45PA87 LED-8024M57

Choice of base sizes available



65W Replaces up to 250W

45PA98 LED-8046M30

45PC26 LED-8046M42

45PA99 LED-8046M57

Features top-mounted LEDs



100W Replaces up to 400W

45PA88 LED-8027M30

45PC21 LED-8027M42

45PA89 LED-8027M57



How to decipher our HID retrofit model numbers

example:

LED-8036M42 Color Temp (K)
(42 = 4200K)
Model Base Size
M=Mogul, E=Edison

	PRODUCT	DESCRIPTION	GRAINGER SKU #	LIGHT EFFICIENT DESIGN MODEL #	LUMENS	POWER USED	REPLACES	BASE	CCT	UL LISTED	UL TYPE	DIMENSIONS
High Bay / Low Bay Retrofit		LED-8036M 100W HIGH BAY LIGHTING	45PC36	LED-8036M42	10698	100W	250W	E39 Mogul	4200K	✓	✓	7.6" X 7.9"
			45PC12	LED-8036M57	10465	100W	250W	E39 Mogul	5700K	✓	✓	7.6" X 7.9"
		LED-8030M 150W HIGH BAY LIGHTING	45PC34	LED-8030M42	15515	150W	400W	E39 Mogul	4200K	✓	✓	9.2" X 9.1"
			45PC10	LED-8030M57	15515	150W	400W	E39 Mogul	5700K	✓	✓	9.2" X 9.1"
		LED-8032M 150W HIGH BAY LIGHTING	45PC35	LED-8032M42	15020	150W	400W	EX39 Mogul	4200K	✓	✓	9.4" X 9.1"
			45PC11	LED-8032M57	14149	150W	400W	EX39 Mogul	5700K	✓	✓	9.4" X 9.1"
		LED-8025E 52W LOW BAY LIGHTING	45PC32	LED-8025E42	5413	52W	175W	E26 Edison	4200K	✓		5.91" X 7.8"
			45PC08	LED-8025E57	5193	52W	175W	E26 Edison	5700K	✓		5.91" X 7.8"
		LED-8025M 52W LOW BAY LIGHTING	45PC33	LED-8025M42	5413	52W	175W	E39 Mogul	4200K	✓	✓	6.6" X 7.8"
			45PC09	LED-8025M57	5193	52W	175W	E39 Mogul	5700K	✓	✓	6.6" X 7.8"
Shoe Box / Wall Pack Retrofit		LED-8087E 30W SHOEBOX/ WALL PACK TYPE V OPTICS	45PC40	LED-8087E40	3300	30W	175W	E26 Edison	4000K	✓		6" X 2.75"
			45PC41	LED-8087E57	3300	30W	175W	E26 Edison	5700K	✓		6" X 2.75"
		LED-8088E 50W SHOEBOX/ WALL PACK TYPE V OPTICS	45PC28	LED-8088E40	4700	50W	175W	E26 Edison	4000K	✓		8.6" x 3.73"
			45PC02	LED-8088E57	5000	50W	175W	E26 Edison	5700K	✓		8.6" x 3.73"
		LED-8088M 50W SHOEBOX/ WALL PACK TYPE V OPTICS	45PC29	LED-8088M40	4700	50W	175W	E39 Mogul	4000K	✓	✓	8.6" x 3.73"
			45PC03	LED-8088M57	5000	50W	175W	E39 Mogul	5700K	✓	✓	8.6" x 3.73"
		LED-8089M 80W SHOEBOX/ WALL PACK TYPE V OPTICS	45PC30	LED-8089M40	6910	80W	250W	E39 Mogul	4000K	✓	✓	11.4" x 4.3"
			45PC04	LED-8089M50	7403	80W	250W	E39 Mogul	5000K	✓	✓	11.4" x 4.3"
		LED-8090M 120W SHOEBOX/ WALL PACK TYPE V OPTICS	45PC31	LED-8090M40	9561	120W	400W	E39 Mogul	4000K	✓	✓	11.4" x 4.3"
			45PC05	LED-8090M50	10434	120W	400W	E39 Mogul	5000K	✓	✓	11.4" x 4.3"
			45PC06	LED-8090M5T3	10416	120W	400W	E39 Mogul	5000K	✓	✓	11.4" x 4.3"
			45PC07	LED-8090M5T4	10416	120W	400W	E39 Mogul	5000K	✓	✓	11.4" x 4.3"
Post Top Retrofit		LED-8033E 38W POST TOP / SITE LIGHTING	45PA94	LED-8033E30	3889	38W	175W	E26 Edison	3000K	✓		9.53" X 3.15"
			45PC24	LED-8033E42	4367	38W	175W	E26 Edison	4200K	✓		9.53" X 3.15"
			45PA95	LED-8033E57	4275	38W	175W	E26 Edison	5700K	✓		9.53" X 3.15"
		LED-8024E 45W POST TOP / SITE LIGHTING	45PA84	LED-8024E30	4969	45W	175W	E26 Edison	3000K	✓		9.22" X 3.15"
			45PC19	LED-8024E42	5361	45W	175W	E26 Edison	4200K	✓		9.22" X 3.15"
			45PA85	LED-8024E57	5037	45W	175W	E26 Edison	5700K	✓		9.22" X 3.15"
		LED-8024M 45W POST TOP / SITE LIGHTING	45PA86	LED-8024M30	5107	45W	175W	E39 Mogul	3000K	✓	✓	9.75" X 3.25"
			45PC20	LED-8024M42	5146	45W	175W	E39 Mogul	4200K	✓	✓	9.75" X 3.25"
			45PA87	LED-8024M57	5297	45W	175W	E39 Mogul	5700K	✓	✓	9.75" X 3.25"
		LED-8046M 65W POST TOP / SITE LIGHTING	45PA98	LED-8046M30	5850	65W	250W	E39 Mogul	3000K	✓	✓	11.22" X 3.98"
			45PC26	LED-8046M42	6350	65W	250W	E39 Mogul	4200K	✓	✓	11.22" X 3.98"
			45PA99	LED-8046M57	6497	65W	250W	E39 Mogul	5700K	✓	✓	11.22" X 3.98"
		LED-8027M 100W POST TOP / SITE LIGHTING	45PA88	LED-8027M30	10603	100W	400W	E39 Mogul	3000K	✓	✓	11.9" X 4.9"
			45PC21	LED-8027M42	10669	100W	400W	E39 Mogul	4200K	✓	✓	11.9" X 4.9"
			45PA89	LED-8027M57	10083	100W	400W	E39 Mogul	5700K	✓	✓	11.9" X 4.9"
		LED-8085M 60W POST TOP / SITE LIGHTING	45PC27	LED-8085M42	5807	60W	250W	E39 Mogul	4200K	✓	✓	10.5" X 3.93"
			45PC01	LED-8085M57	6130	60W	250W	E39 Mogul	5700K	✓	✓	10.5" X 3.93"
Bollard Retrofit		LED-8039E 20W BOLLARD/ JELLY JAR/SITE LIGHTING	45PA96	LED-8039E30	1845	20W	70W	E26 Edison	3000K	✓		5.7" X 2.75"
			45PC25	LED-8039E42	1961	20W	70W	E26 Edison	4200K	✓		5.7" X 2.75"
			45PA97	LED-8039E57	2014	20W	70W	E26 Edison	5700K	✓		5.7" X 2.75"
		LED-8029E 24W BOLLARD/ JELLY JAR/SITE LIGHTING	45PA90	LED-8029E30	2320	24W	100W	E26 Edison	3000K	✓		7.1" X 3.15"
			45PC22	LED-8029E42	2319	24W	100W	E26 Edison	4200K	✓		7.1" X 3.15"
			45PA91	LED-8029E57	2366	24W	100W	E26 Edison	5700K	✓		7.1" X 3.15"
		LED-8029M 24W BOLLARD/ POST TOP/SITE LIGHTING	45PA92	LED-8029M30	2317	24W	100W	E39 Mogul	3000K	✓	✓	7.6" X 3.15"
			45PC23	LED-8029M42	2225	24W	100W	E39 Mogul	4200K	✓	✓	7.6" X 3.15"
			45PA93	LED-8029M57	2387	24W	100W	E39 Mogul	5700K	✓	✓	7.6" X 3.15"
Recessed Can Retrofit		LED-8055E 30W HI-POWER PAR 38 LIGHTING	45PC15	LED-8055E27	1868	30W	100W	E26 Edison	2700K	✓		5.8" X 4.7"
			45PC38	LED-8055E42	2194	30W	100W	E26 Edison	4200K	✓		5.8" X 4.7"
			45PC16	LED-8055E57	2187	30W	100W	E26 Edison	5700K	✓		5.8" X 4.7"
		LED-8055M 30W HI-POWER PAR 38 LIGHTING	45PC17	LED-8055M27	1868	30W	100W	E39 Mogul	2700K	✓	✓	6.97" X 4.7"
			45PC39	LED-8055M42	2194	30W	100W	E39 Mogul	4200K	✓	✓	6.97" X 4.7"
			45PC18	LED-8055M57	2187	30W	100W	E39 Mogul	5700K	✓	✓	6.97" X 4.7"
		LED-8045M 50W HI-POWER PAR 38 LIGHTING	45PC13	LED-8045M27	3478	50W	175W	E39 Mogul	2700K	✓	✓	7" X 4.7"
			45PC37	LED-8045M42	4613	50W	175W	E39 Mogul	4200K	✓	✓	7" X 4.7"
			45PC14	LED-8045M50	4480	50W	175W	E39 Mogul	5000K	✓	✓	7" X 4.7"

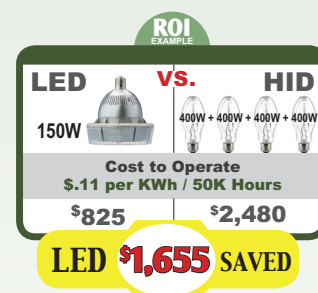
VOLTAGE: 120-277VAC • >80 CRI • 50,000 HOUR RATED LIFE • 5 YEAR WARRANTY

Light Efficient Design



Earn quick ROI saving money on:

- Electricity—saves up to 70%!
- Lamp and ballast replacements
- Labor and maintenance



- Replaces HID lamps up to 400W
- UL listed for damp locations
- Enclosed fixture safe
- Advanced active cooling
- Meets or exceeds Design Lights Consortium (DLC) lumen output and light quality standards
- Lighting Design Lab (LDL) listed
- 50,000 hour rated life
- 5 year limited warranty
- FCC Compliant
- Meets UL1598C (mogul base)

For more information contact
your Grainger representative
or visit Grainger.com®.

AVAILABLE THROUGH
GRAINGER
FOR THE ONES WHO GET IT DONE