



# Metal Halide Retrofit

The QLS Metal Halide Retrofit family is a versatile solution to many lighting applications. With aluminum frames, QLS MH retrofits are durable and quick to install. They can be installed in any direction, indoor or outdoor, enclosed or open fixtures, have heat protection, natural cooling and removes the need for metal halide ballasts. For a quick, easy upgrade to LED, QLS MH retrofits are the right choice.

## FEATURES

- Uniform light, base top operation
- Wet Location IP65 Rated / Enclosed Fixture Rated
- Flame retardant, durable aluminum body
- Surge protected to 6 KV
- Life: L70 50,000 Hours
- 100-277 Volt
- Operating temperature: -5° to 130° Fahrenheit
- 250, 400, 500 Watt HID Equivalent

## APPLICATIONS

This product is a universal metal halide replacement intended to bypass an existing ballast. This product family can be effectively used in area light, high bay, and post top applications. Recommended for commercial, industrial, retail, residential and healthcare applications.



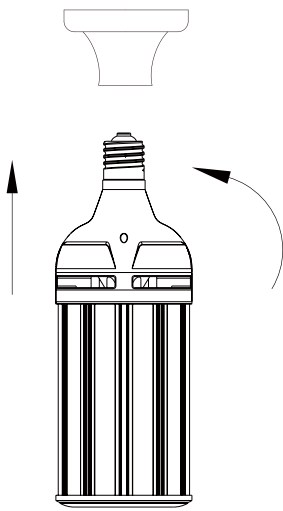
## ITEM NUMBER GUIDE ex. CLN125040

Family	Lumen Pkg	Place-holder	CCT
CLN	80	0	3500
	100	00	4000
	125		5000

↓   ↓   ↓   ↓  
CLN125   0   40

QLS	Watt.	Lumens	Eff L/W	Beam Spread	Volt.	P.F.	Base	Dim.	CCT	CRI	Case QTY	Watt. Equiv.	Life	H (In)	W (In)
CL8000035	80	10800	135	360	100-277 VAC	≥0.9	Mogul	No	3500	80	1	250	50000	11.5	4.7
CL8000040	80	10800	135	360	100-277 VAC	≥0.9	Mogul	No	4000	80	1	250	50000	11.5	4.7
CL8000050	80	10800	135	360	100-277 VAC	≥0.9	Mogul	No	5000	80	1	250	50000	11.5	4.7
CL1000035	100	13500	135	360	100-277 VAC	≥0.9	Mogul	No	3500	80	1	400	50000	12.7	4.7
CL1000040	100	13500	135	360	100-277 VAC	≥0.9	Mogul	No	4000	80	1	400	50000	12.7	4.7
CL1000050	100	13500	135	360	100-277 VAC	≥0.9	Mogul	No	5000	80	1	400	50000	12.7	4.7
CL1250035	125	16875	135	360	100-277 VAC	≥0.9	Mogul	No	3500	80	1	500	50000	14.0	4.7
CL1250040	125	16875	135	360	100-277 VAC	≥0.9	Mogul	No	4000	80	1	500	50000	14.0	4.7
CL1250050	125	16875	135	360	100-277 VAC	≥0.9	Mogul	No	5000	80	1	500	50000	14.0	4.7

# Installation



## Step 1

Figure 1

Turn off power before installation.

Remove the old ballast, capacitor and ignitor (if existing).

## Step 2

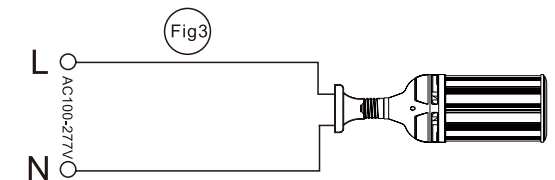
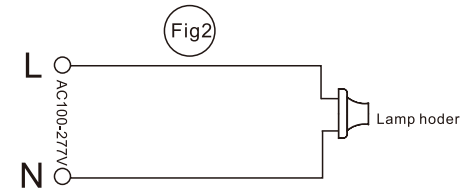
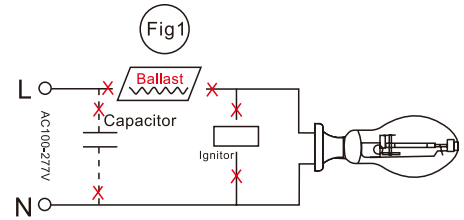
Figure 2

Make sure the alternating Current Wires connect to the E39 or Ex39 socket directly (Reattach or replace ground lead if necessary)

## Step 3

Figure 3

Screw the LED lamp into the corresponding socket



## ⚠ CAUTIONS

- Risk of electric shock. Do not use where directly exposed to water
- Non-dimmable
- 80w, 100w, 125w suitable for use in totally enclosed fixtures
- Disassembling lamp will void warranty
- Please read the instruction manual carefully before installation