



replace these



Replace your existing bulb and ballast with our Induction Bulb and Ballast Retrofit Kit or our self ballasted Induction Bulb.



Our Induction Bulbs & Ballast Retrofit Kits are available in these styles and configurations to better serve your needs.

Roadway / Parkinglot / Shoe Box Luminaries Comparison Chart

ours = 85 CRI

1000 Watt Metal Halide Bulb	(65CRI) =	400 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
750 Watt Metal Halide Bulb	(65 CRI) =	300 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
400 Watt Metal Halide Bulb	(65 CRI) =	200 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
350 Watt Metal Halide Bulb	(65 CRI) =	165 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
320 Watt Metal Halide Bulb	(65 CRI) =	165 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
300 Watt Metal Halide Bulb	(65 CRI) =	150 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
250 Watt Metal Halide Bulb	(65 CRI) =	120 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
200 Watt Metal Halide	(65 CRI) =	100 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
175 Watt Metal Halide	(65 CRI) =	85 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
150 Watt Metal Halide	(65 CRI) =	70 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
100 Watt Metal Halide	(65 CRI) =	55 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
70 Watt Metal Halide	(65 CRI) =	40 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
50 Watt Metal Halide	(65 CRI) =	23 Watt Induction Bulb self-ballasted -medium base
32-39 Watt Metal Halide	(65 CRI) =	23 Watt Induction Bulb self-ballasted -medium base
1000 Watt HPS	(22CRI) =	300 Watt Induction Bulb/ Ballast Retro fit Kit (or) Fixture
880 Watt HPS	(22CRI) =	250 Watt Induction Bulb/ Ballast Retro fit Kit (or) Fixture
750 Watt HPS	(22CRI) =	250 Watt Induction Bulb/ Ballast Retro fit Kit (or) Fixture
600 Watt HPS	(22CRI) =	200 Watt Induction Bulb/ Ballast Retro fit Kit (or) Fixture
400 Watt HPS& Merc Vapor	(22 CRI) =	120 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture*
310 Watt HPS	(22 CRI) =	100 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
250 Watt HPS& Merc Vapor	(22 CRI) =	85 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
200 Watt HPS& Merc Vapor	(22 CRI) =	70 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture
175 Watt Merc Vapor	(22 CRI) =	58 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture*
150 Watt HPS	(22 CRI) =	50 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture*
100 Watt HPS& Merc Vapor	(22 CRI) =	33 Watt Induction Bulb/Ballast Retro fit Kit (or) Fixture*
75 Watt Merc Vapor	(22 CRI) =	23 Watt Induction Bulb self-ballasted -medium base
70 Watt HPS	(22 CRI) =	23 Watt Induction Bulb self-ballasted -medium base
50 Watt HPS& Merc Vapor	(22 CRI) =	23 Watt Induction Bulb self-ballasted -medium base
40 Watt Merc Vapor	(22 CRI) =	23 Watt Induction Bulb self-ballasted -medium base
35 Watt HPS	(22 CRI) =	23 Watt Induction Bulb self-ballasted -medium base

* Round up to nearest Induction Bulb Wattage recommended.

This comparison chart is only to be used as a guide, each application is unique and various needs need to be taken into consideration upon the replacement of a conventional lighting product with an Induction Product.

Our Induction Product provide on average 90 watts per Lumen, aprox 85 CRI, with 100,000 hours, maintenance free lifetime.

Scotopic/Photopic (S/P) Ratio: This measurement accounts for the fact that the two light sensors in the retina, rods are more sensitive to blue light (Scotopic Vision) and cones to yellow light (Photopic Vision). The S/P ratio is an attempt to capture the relative strengths of these two responses. S/P is calculated as the ratio of scotopic lumens to photopic lumens, for the light source, on an ANSI reference ballast. Cooler sources (higher color temperature lamps) tend to have higher values of the S/P ratio compared to warm sources.

The following formulas were used in calculating the above comparisons:

50% (aprox) less watts are required using Induction when replacing Metal Halide Bulbs at 65 CRI.

Ex: 200W Metal Halide (65 CRI) can be replaced with 100W Induction Bulb.

66% (aprox) less watts are required using Induction when replacing High Pressure Sodium Bulbs at 22 CRI and Mercury Vapor Bulbs at 22 CRI

Ex: 250W HPS can be replaced with 85W Induction Bulb. KJH 112008