

LIGHTING RETROFIT



Induction Lighting

Lowest
Lifetime
Lighting
Cost





LightingRetroFit.com.au

Affordable energy efficient lighting. With energy savings of around 40% on older technologies and the extremely long lamp life providing the added benefit of substantially lower long term maintenance costs, the low pricing on our induction light fixtures provides outstanding Return On Investment figures. Instant light allows timers and other switching options to further enhance energy savings opportunities. When combined these factors make induction lighting the **lowest lifetime cost of any lighting source.**

The technology demands investigation and comparison against other competing technologies to give your company the best possible lighting solution for the long term.

We invite an inspection of our website www.lightingretrofit.com.au for a more detailed look at our product range and prices along with handy cost savings calculators and other relevant industry information.

Table 1 – Annual Power Usage Chart.

Light Source	Lumens per watt	S/P ratio calculation	Visual Effective Lumens	Hours per day	Cost per year @ 15c per kWh	Cost per year @ 20c per kWh	Cost per year @ 30c per kWh
250W Mercury Vapour	65	1.33	20,000	12	\$162.00	\$216.00	\$324.00
150W Induction	82	1.96	24,000	12	\$97.20	\$130.00	\$194.40
400W Mercury Vapour	65	1.33	32,000	12	\$259.20	\$345.60	\$518.4
250W Induction	82	1.96	40,000	12	\$162.00	\$216.00	\$334.00

Table 2 - General Features Comparison Chart.

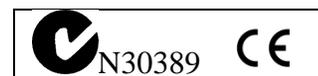
Feature	Induction	Metal Halide	Mercury Vapour	High Pressure Sodium
Life Hours	60,000 - 80,000	10,000 – 20,000	15,000 – 25,000	15,000 – 25,000
Re-strike	Instant	5~15 minutes	5~15 minutes	5~15 minutes
Colour Render Index (Ra)	Approx. 80	Approx. 75	Approx. 50	Approx. 40
Colour Temperature (K)	3000 - 6500	3000 - 5000	3900 - 4200	2000 - 2200
Flicker	No	Yes	Yes	Yes
Glare	No	Yes	Yes	Yes

NOTES TO NOTE:

- The instant switching of induction lighting opens up further energy saving opportunities when combined with timers, movement sensors and other switching options.
- Our company is C-tick number 30389 and as such we hold Certificates and Test Records confirming EMC compliance to IEC55015 for all of our products.
- All of our Highbay, Floodlight and Street light fixtures also carry either AS/NZS 60598 or IEC 60598 test reports confirming compliance with the International Luminaire Electrical Safety - General Requirements.
- Induction and Metal Halide lamps can, in many cases be retrofitted into existing lamp housings. LED cannot.
- S/P ratio is an increasingly accepted International Standard method for measuring actual useable light. More commonly known today as Visually Effective Lumens. Induction and T5 fluorescent have the highest ratings.
- LED lamps cannot be retrofitted to existing housings, they must be purchased and installed complete.
- Induction retrofit kits can be fitted to many existing highbay and street light housings as part of the normal re-lamping maintenance program, extending the life of existing infrastructure and saving the substantial cost of installing new lighting infrastructure.
- LED lamp life is based on theoretical life calculations, as an emerging technology they have not been fully tested to 50,000 hours (approx 6 years continuous).
- High quality white LED fittings will cost in excess of \$800
- Induction lamp life is proven with some military warehouse and road tunnel installations having lamps still running at over 70% lumen output in excess of 100,000 hours.
- The weight of a similar light output LED fixture will be around 3 times that of an equivalent induction fixture.

Table 3 - Maintenance Cost Calculator			
	150W Induction lamp	250W Metal Halide	250W MV
RATED LAMP LIFE	80,000	20,000	25,000
RUN HOURS PER DAY	12	12	12
LAMP COST (Induction fitting includes electronic ballast)	180	80	70
10 YEAR TOTAL LAMP COST	78.80	175.20	122.60
LAMP CHANGE LABOUR TIME IN MINUTES (Time included for preparation, Permit to Work, Job Safety Analysis, etc for a man and a work platform)	30	30	30
LABOUR RATE	100	100	100
PER LAMP CHANGE LABOUR COST	50	50	50
10 YEAR TOTAL LAMP CHANGE LABOUR COST	21.90	109.50	87.60
10 YEAR TOTAL PER FITTING COST	100.74	284.70	210.24

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HIGHBAY LIGHT FITTINGS (AVAILABLE IN SIZES FROM 100-300WATT)

Features:

- Instant start and restart.
- Very high Pupil Lumens (Photopic Efficacy Plm).
- Long lifespan.
- High power factor, PF>0.98.
- No flicker, no glare, low operating temperature.
- High luminous maintenance rate (>85% after 20,000 hr and still >70% up to 80,000 hr)
- Quick and easy changeout.
- Two year parts warranty.

Details:

- Fixture can be mounted with loop hook or suspended with chain.
- IP65 aluminium die casting gear box with powder coating, rustproof and corrosion-resistant.
- IP54 aluminium lamp shade, aesthetic and durable. Optional acrylic or glass bottom cover.
- Polycarbonate lamp shade, aesthetic, light weight and durable (IP54 for GC004B & GC016A only).
- Protection for ballast from short-circuit, open-circuit and defective lamp.
- Application: Stadium, workshop, warehouse, airport, railway station, production line, food processing, exhibition hall, supermarket, etc.
- Dimension: Diameter 55CM x Height 57CM , 55CM x 40CM , 55CM x 62CM.
- Weight: 7.8kG , 6.9kG , 5.7kG

Type: GC004B



Type: GC016A



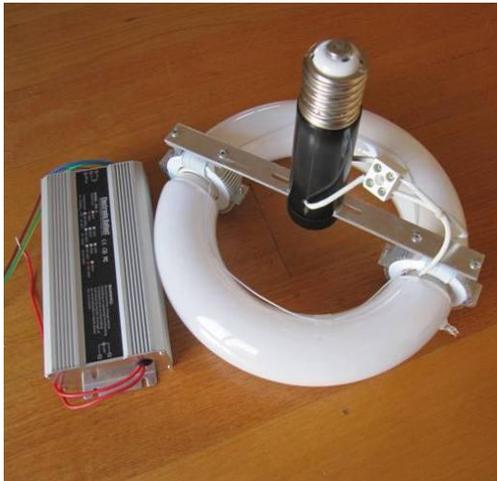
Type: GC002B



Item	Price	Item	Price	Item	Price
GC004B-200W	\$319.00 +GST *	GC016A -150W	\$279.00 +GST *	GC002B -150W	\$289.00 +GST *
GC004B -250W	\$329.00 +GST *	GC016A -200W	\$289.00 +GST *	GC002B -200W	\$299.00 +GST *
GC004B -300W	\$349.00 +GST *	GC016A -250W	\$299.00 +GST *	GC002B -250W	\$309.00 +GST *

* prices as at 1/7/2015 are subject to change on order size and currency fluctuations.

RETROFIT KITS



EDL-150W/R (E40base)



EDL40S (E27 base)

Item	Price	Lamp Circuit Power (LCP)
EDL-40S (E27)	\$69.00 +GST *	38 Watts
EDL-80W/R (E40)	\$139.00 +GST *	76 Watts
EDL-120W/R (E40)	\$149.00 +GST *	114 Watts
EDL-150W/R (E40)	\$169.00 +GST *	134 Watts
EDL-200W/R (E40)	\$179.00 +GST *	194 Watts
EDL-250W/R (E40)	\$189.00 +GST *	240 Watts
EDL-300W/R (E40)	\$204.00 +GST *	300 Watts

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Features:

- Instant start and restart.
- Very high Pupil Lumens (Photopic Efficacy Plm).
- Long lifespan.
- High power factor, PF>0.98.
- No flicker, no glare, low operating temperature.
- High luminous maintenance rate (>95% after 2,000 hr and >85% after 20,000 hr and still >70% up to 80,000 hr)
- Quick and easy changeout.
- Two year parts warranty.

FLOOD LIGHT FITTINGS (AVAILABLE IN SIZES FROM 80-300WATT)

Features:

- Instant start and restart.
- Very high Pupil Lumens (Photopic Efficacy Plm).
- Long lifespan.
- High power factor, PF>0.98.
- No flicker, no glare, low operating temperature.
- High luminous maintenance rate (>85% after 20,000 hr and still >70% up to 100,000 hr)
- Two year parts warranty.

Details:

- Toughened glass lamp mask, with high light transmission.
- Professionally designed Aluminum Reflector with excellent light reflection.
- Aluminum die cast lamp shell surface is powder coated.
- Shock resistant, rust-proof and durable.
- High temperature resistant silicon rubber air tight seal ensures high IP65 rating.
- Ballast is protected from open-circuit, short-circuit.
- Application: Billboards, buildings, shops, parking lots, outdoor sports, ect.
- Size: Length 72cm x Width 48cm x Height 48cm (TG002), Length 43cm x Width 43cm x Height 14cm (TG001A), Length 53cm x Width 53cm x Height 30cm (TG001B)

Type : TG002B



Item	Price
TG002B -150W	\$299.00 +GST *
TG002B -200W	\$329.00 +GST *
TG002B -300W	\$349.00 +GST *

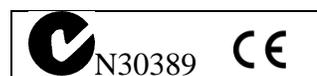
Type : TG001A/B



Item	Price
TG001A -100W	\$259.00 +GST *
TG001A -150W	\$269.00 +GST *
TG001B -200W	\$309.00 +GST *
TG001B -250W	\$319.00 +GST *

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STREET LIGHT FITTINGS (AVAILABLE IN SIZES FROM 40-300WATT)

Details:

- Toughened glass lamp mask, with high light transmission.
- Aluminum die cast lamp shell surface is put through Sand Projectile Processing with the outer shell processed with Polyester Powder coating.
- High temperature resistant silicon rubber air tight seal ensures high IP65 rating.
- Dimension: Length 98cm x Width 42cm x Height 21cm , 76cm x 36cm x 18.5cm



Type: LD020



Type: LD004A



Type: LD006A

Item	Price	Item	Price	Item	Price
LD020-40W	\$229.00 +GST *	LD004A-150W	\$299.00 +GST *	LD006A-40W	\$229.00 +GST *
LD020-100W	\$269.00 +GST *	LD004A-250W	\$339.00 +GST *	LD006A-100W	\$269.00 +GST *

CEILING LIGHT FITTING

Details:

- Aluminum die cast lamp shell surface is powder coated.
- High temperature resistant and UV proof polycarbonate diffuser provides IP55 protection.
- Size: Diameter 29cm diameter for type A, 36cm diameter for type B x Height 20cm / 28cm x 28cm x Height 23cm / 58cm x 58cm x Height 25cm

Type: XD002A/B



Type : XD003A



Item	Price
XD002A-40W	\$119.00 +GST *
XD002A-80W	\$129.00 +GST *
XD002A-100W	\$149.00 +GST *
XD002B-120W	\$159.00 +GST *

Item	Price
XD003A-100W	\$259.00 +GST *
XD003A-120W	\$269.00 +GST *
XD003A-150W	\$279.00 +GST *