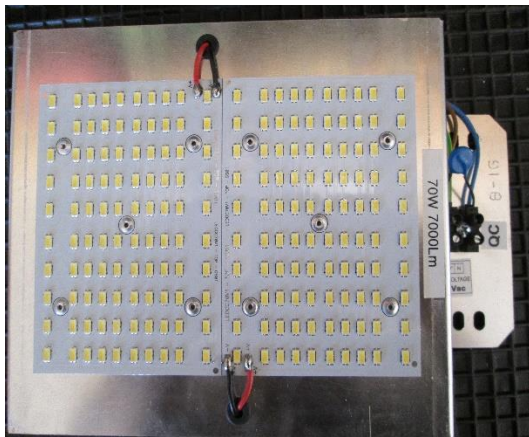
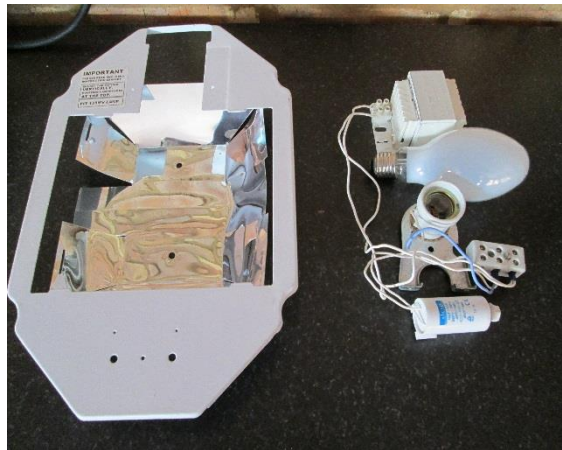


PRODUCT NAME: LED RETROFIT- 70 WATT FOR INDUSTRIAL BULKHEAD LIGHTING: G/B40/MAG40



ONE LED RETROFIT PLATE



REPLACE 6 ITEMS

Technical Specifications

Direct LED lighting replacement: Standard G/B40/MAG40/44 Light casing.

Retrofit instruction: Disconnect baluster, connect live and neutral direct to socket input. Earth as normal provided on plate.

Benefits of LED retrofit

- No need to change existing B40/MAG40 Light casing.
- Minor effort to change to retrofit – to disconnect inner gear only.
- High lumens per wattage (7000lm) 4000k natural white.
- Highly economical in power use.
- Direct replacement of the 70W-125W watt (Osram sodium vapour bulb)
- Long live span.
- LED technology to the highest level of design by Gheko Solar Solutions.
- Locally manufactured in South Africa.
- Patented Model by Gheko Solar Solutions.
- 4 nut fastening method
- SABS report available on request.
- Repairable

***Kindly direct all enquiries to Chris Herholdt at 082 875 7053, by email to
ghekosolarsolutions@gmail.com***

- Power factor of 0,95

TECHNICAL SPECIFICATIONS:

APC-35 SERIES SINGLE OUTPUT SWITCHING POWER SUPPLY

Product: LED Retrofit Inner	Product Code	LED-RF-B40-MAG40-3000K,4000K,5000K-70WATT
OUTPUT	DC VOLTAGE	25V-70V
	RATED CURRENT	0.500Ma-x2
	RATED POWER	35W-X2
INPUT	VOLTAGE RANGE	90-264VAC
	FREQUENCY RANGE	47-63Hz
	EFFICIENCY (TYP)	84%
	AC CURRENT(TYP)	0.5A/230VAC
	LEAKAGE CURRENT	0,25mA/240VAC
PROTECTION	OVERLOAD	MOV & 105-150% Rated output power/recovers automatically after fault condition removed
	OVER VOLTAGE	28.98-37.26V
	WORKING TEMP	-30 - +70°C
ENVIRONMENT	STORAGE TEMP,HUMIDITY	-40 - +80°C 10-95%RH
	VIBRATION	10-500Hz 2G10Min
SAFETY&EMC	SAFETY STANDARDS	CSA-C22.2No 250.0-13
	WITHSTAND VOLTAGE	O/P-FG.03KVAC
	ISOLATION RESISTANCE	I/P-O/P,I/P-F,G-FG:100MOhms/500VDC
	EMC EMISSION	EN55022,ENG610000-3-2 CLASS A
	EMC IMMUNITY	EN55024,ENG1000-4-2-3-4-5-6-8-11 Light industry level

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FEATURES	UNIVERSAL AC INPUT/FULL RANGE, PROTECTION(SHORT CIRCUIT,OVERLOAD,OVER VOLTAGE) <i>Fully isolated plastic case/100% full load burn in test,IP30 Design,</i>
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LED PCB -35WATT-3000K, 4000K, 5000K



Aluminium based pcb board

High Power mid –range LED

Uniquely designed by Gheko Solar Solutions

Design Code: LED-CC70V1-TOP-GS01

2X LED PCB boards

Driven by 2x 35W single out put power supplies

Colour range:3000k,4000k,5000k

Applications and advancements

This LED B40/MAG40 Light retrofit product is one of the kind, developed and manufactured in South Africa by Gheko Solar Solutions. It's a 4 nut fastening method system for a fast and simple way for the replacement of a ballast and bulb inner gear from the standard B40/MAG40 Bulk head Light issue).

This retrofit is ideal for the industry where energy consumption and routine maintenance is an issue. A saving of up to 60% on the energy cost is possible. Further benefits are that there is a reduction in maintenance due to the long life of an LED light and no necessity to stock pile the components for standard B40/mag 40 bulk head lighting.

Note

This product (LED RETROFIT PLATE) is uniquely designed and manufactured by Gheko Solar Solutions and Manufacturing partners in South Africa

This retrofit plate could easily be fitted on most popular bulk head lighting:

B40/ MAG 40/ MAG44 Standard unit 90vdc -230vac / 4000k or 5000k /35 watt/ 70 watt

Complete build B40 Bulkhead fitted with LED 35w or 70w available on request.

On request this product is available in 3 colour renderings measured in Kelvin:

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- 3000k warm colour LED
- 4000k natural white LED
- 5000K cool white LED

Fig 1.1 -Assembly

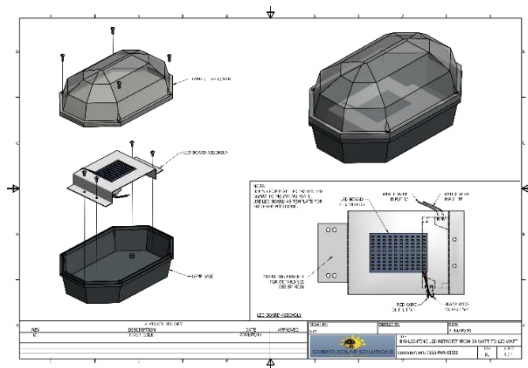


Fig 1,2 MAG 40

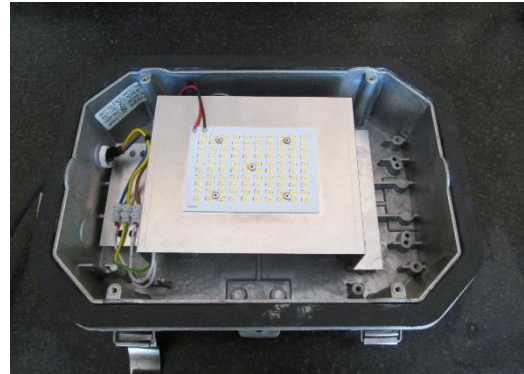


Fig 1, 3 MAG 45

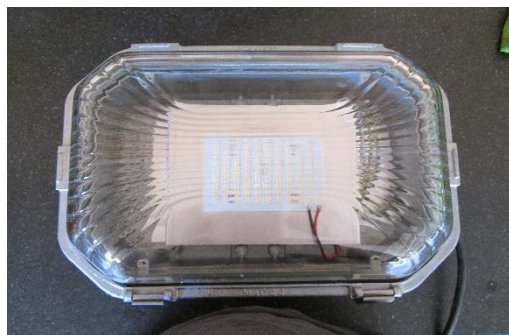


Fig 1, 4 B40

**Product in use**

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