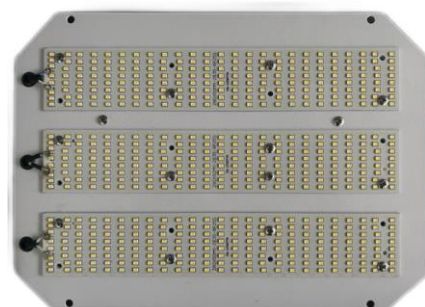# PALCOFON
WE HAVE YOUR INTEREST AT HEART

Industrial Bulkhead
LED Conversion Retro-Fit

Features

| Optional Integrated Sensor |
| Optional Integrated EMG |
| 3000K / 4000K / 5000K / 6000K |
| 50 000 Hours L70B10 |
| 5 Year Warranty |
| Made in South Africa |

Lamp Specifications

Input Voltage	100V -277 vAC
Frequency	50 / 60 Hz
Power Factor	>0.97
Rated Life	50 000 Hours
SDCM	>3 Macadam
Lumen Maintenance	L70B10

Model	Power	Lumen Efficacy	Colour	Beam Angle	CRI
BH-RET-36	36w	140 lm/w	3000K, 4000K, 5000K, 6000K	120°	82Ra
BH-RET46	46w	140 lm/w	3000K, 4000K, 5000K, 6000K	120°	82Ra
BH-RET56	56w	140 lm/w	3000K, 4000K, 5000K, 6000K	120°	82Ra

*Specifications may very depending on CCT and luminaire wattage.
**Lumen output is NET after loss.

Made to fit Industrial Bulk Heads such as MAGNITECH MAG44, LASCON B40 or Similar Light Fittings. The Retro-Fit Kit can be customised to fit your requirements.
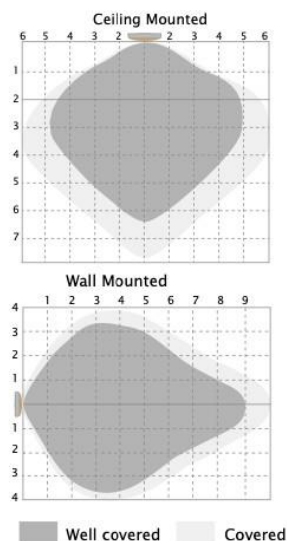
Variation Information

Integrated Motion Control))) *Available in Regular Switch or DALI Control versions

High Frequency Sensor

Operating voltage	220-240VAC 50/60Hz	Microwave frequency	5.8GHz±75MHz
Switching capacity	Max.400W	Microwave power	<0.3mW
Stand-by power	≤0.5W	Mounting height	2.5-6m (ceiling mounted)
Operating temperature	-20°C~+55°C	Detection range ⌀r	3-6m (ceiling mounted)
Detection area	10%/50%/75%/100%	Motion detection	0.5~1.5m/s
Hold time	5s/90s/5min/15min	IP rating	IP20
Daylight threshold	2Lux/10Lux/50Lux/Disable	Warranty	5 years

Ceiling Mounted

Wall Mounted

Well covered   Covered

Digital Control Gear   DALI 2

The Linear LED Tri-Proof Luminaire is available with DALI-2 Digital Control Gear. The DALI-2 Control Gear makes the Tri-Proof compatible with DALI-2 Digital Lighting Systems enabling a wide variety of digital control functions such as:

Individual Control in Light Systems	Flawless Digital Dimming	Energy Consumption Monitoring	Fault Finding in Light Systems	Connect to the Internet of Things and BIM Systems	Motion Sensor Integration

Integrated Emergency Battery Backup

System Specifications

Battery Technology	Lithium Ion
Charge Time	24 Hours (Standard)
	6-8 Hours (Fast Charge)
Backup Duration	3 Hours @ 50w Consumption
Backup Illuminance	20% of Original Output
Backup Options	Maintained
	Non- Maintained
	Switchable
Testing	Self Testing Optional

Li-ion