

# Catalogue V.4

# Mächtig LED products

are uniquely positioned to offer the

## highest quality

and performance

at the most

## competitive

# PRICE

General Innovation Australia Pty Ltd is a technology company focused on delivering the highest quality LED Lighting products to the Australia, US, South America, Europe and Asia under the brand name Mächtig.

Through over 10 years experience in working with LED products our expert team of engineers and designers have tailor made LED lighting solutions that are of the highest quality at affordable prices.

A unique, exclusive JV Partnership with the largest LED lamp manufacturer in the world allows the Mächtig product to be manufactured to the highest standards expected for a global brand.

With a capacity of more than 200million LED Lamps and 40million LED luminaires per year, you can rest assured all products carrying the Mächtig brand name are world class.



To our clients,

General Innovation Australia (Machtig Brand), along with its Joint Venture manufacturing partner, Zhejiang Shenghui Lighting Co Ltd (Sengled Brand) welcome you to our Luminaire and Lamp catalogue.

Machtig offers complete end-to-end solutions, from initial lighting audits, right through to luminaire supply, installation, technical advice and commissioning. Our team in Australia is made up of experienced lighting professionals, with diverse backgrounds in the Australian lighting and construction market. As a team, we have the knowledge, experience and passion to realise your project, with reliable local support. Uniquely, in the Australian market, we provide a range of LED lights that are of the highest quality at market leading prices (Machtig Brand) direct to large scale end users.

Our partner Sengled, integrates consumer electronics with energy-saving LED lighting, creating products that reduce clutter and expand smart home capabilities to every room. Sengled is the global leader in intelligent illumination, producing a full range of app-controlled, intuitive, eco-friendly products.

We have the capacity to manufacture

- o 200 million LED lamps per annum
- o 45 million luminaires per annum
- o Fully customised luminaires to meet specific project needs within 20 weeks

Our business is technology. We are makers, not just buyers. General Innovation provides greater flexibility and service than any other LED lighting company. Our focus on quality assurance and stringent testing protocols, allow us to confidently provide a full replacement warranty on all our products.

Machtig supplies the highest quality products at the most reasonable price in the Australian market.

Welcome to our latest product catalogue, please contact our team to discuss any questions about lighting for your next project.

Sincerely,

A handwritten signature in black ink, appearing to read "David Clerk".

David Clerk  
CEO General Innovation Australia Pty Ltd



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## HOW TO ORDER FROM US:

### Ready to order or request a quote?

Simply provide us with the information outlined below.

Send this information to

[orders@machtig.com.au](mailto:orders@machtig.com.au)

(or your representative);

- Quantity required
- Catalogue Page Number (eg: DL-1)
- Product Name
- Model #

If you are unsure of the model number, just let us know the following;

- Wattage
- Kelvin
- CRI
- Beam Angle (Narrow, Mid, Wide)
- Dimming (Yes/No)
- Colour (if applicable – White is standard)
- Dimensions/Size (if applicable)
- IP Rating (if applicable)

**We look forward to working with you.**

**Quoted Efficacies:** (W, Lm) LED efficacy is constantly improving. Please contact us for your latest luminaire data for your project.

## CORE RANGE



Products in our Core Range are commonly held in stock and can be purchased in lower quantities. For Non-Core items, please check with our office for lead times and MOQs (Minimum Order Quantities).

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# PULSE IS MORE THAN A LIGHT



PULSE JBL powered speaker lamps bring amazing sound and brightness to any room.

## LED Bulb + Wireless JBL Speaker in One.

Pulse by Sengled integrates our LED bulb with a JBL speaker system to create a unique range of smart bulbs for your intelligent home.

Pulse speaker bulb combines the energy efficiency of LED lighting with audio powered by JBL to provide premier, multi channel stereo LED speaker bulbs. Pulse is compatible with any typical light socket and works with virtually any Bluetooth enabled devices, including smartphones, tablets, and PCs. Our intuitive app offers seamless control of both light and sound while listening to your favourite streamed music or media!

## Install the Pulse like any other Light Bulb.

Simply place Pulse smart bulbs in your light fixtures, and you can enjoy a JBL wireless audio system without the fuss:

- No speaker wires
- No power cords
- No remote control, only your smart phone/device.

Compared to traditional desk-top Bluetooth speakers, Pulse smart bulbs save space as they are integrated into a light bulb socket, displacing unnecessary clutter.



## SMART LAMPS

### ► Pulse Starter Pack + Pulse Satellite



Pulse is a smart bulb that combines the energy efficiency of a dimmable LED light with the high-quality audio of a 13-watt JBL Bluetooth speaker. Simply twist Pulse into any standard light socket, and adjust both lighting and sound from the iOS/Android app.

- Comes as a starter pack with one master and one satellite bulb
- Connect up to six additional satellite bulbs for surround sound
- No speaker wires, power cords or remote controls required
- Available in both E27 and B22 base
- Do not install on a dimming circuit



LED + WIRELESS SPEAKERS

Model	Volts	Watts	CCT	Lumen	CRI
MTGPULSE	240V	8W LED + 13W speaker @ 8ohm (15W rated)	3000	600	80
MTGPULSESAT	240V	8W LED + 13W speaker @ 8ohm (15W rated)	3000	600	80

### ► Pulse Trim Downlight Install Kit

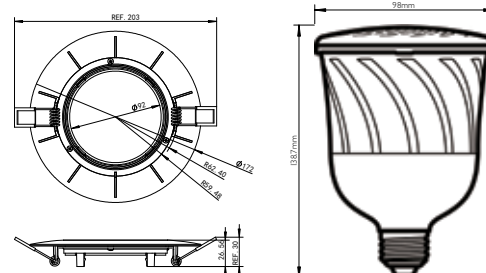


Designed to house the Pulse Speaker Lighting, this installation kit is required to install Pulse as a recessed downlight and is supplied with the following:

- Pulse Trim housing for installation into plaster ceilings
- Flex and Plug for easy installation.

Custom colours available on request.

Model	Finish
MTGPULSETRIMKIT-MW	Matt White
MTGPULSETRIMKIT-GW	Gloss White
MTGPULSETRIMKIT-BA	Brushed Aluminium



## SMART LAMPS

### ► Pulse Solo

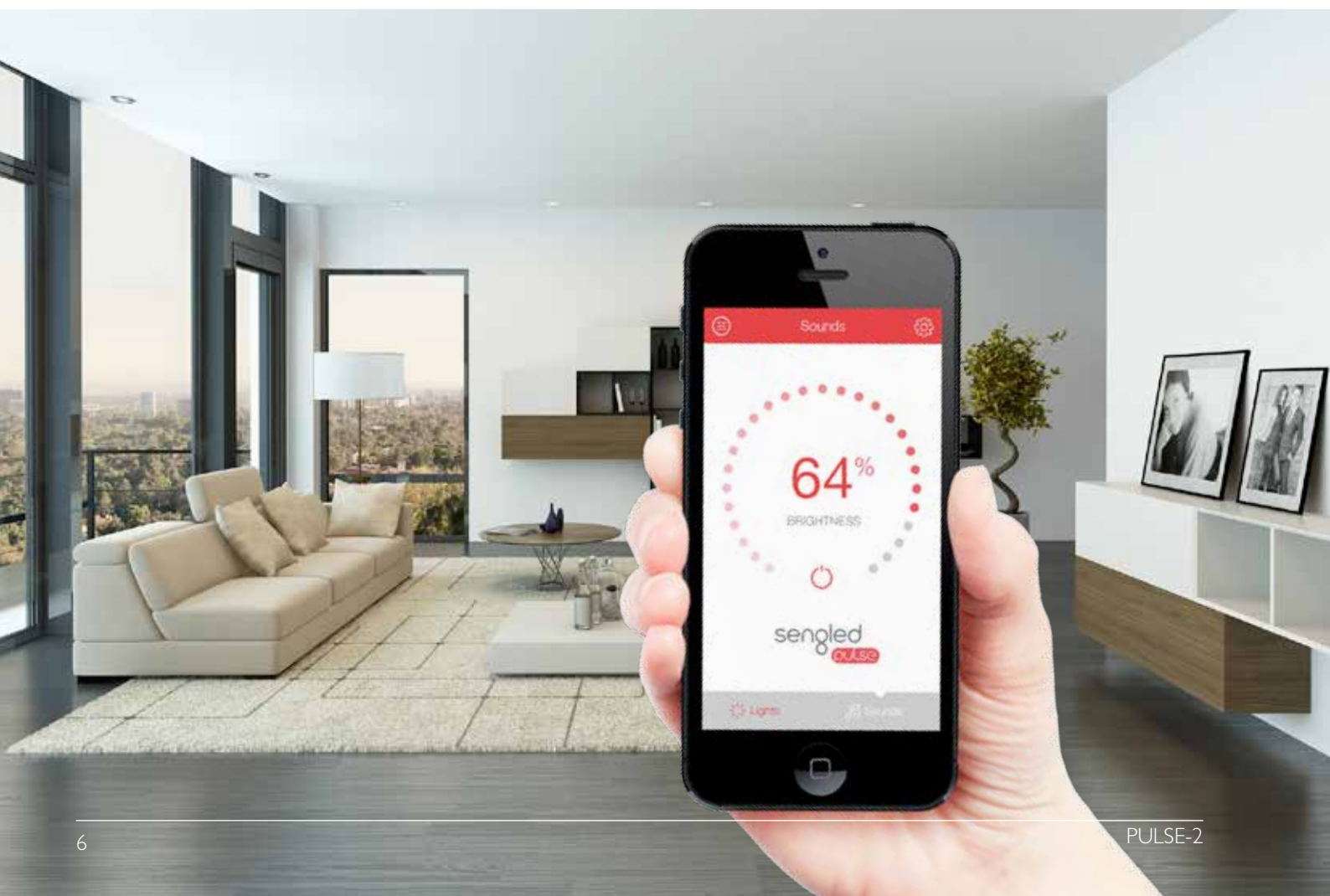
Pulse Solo works similarly to Pulse, but functions independently, without any additional satellites. You can still enjoy the energy efficiency of a dimmable LED light combined with the high-quality audio of a JBL Bluetooth speaker, and adjust both lighting and sound from our app on an iOS or Android device.

- Combines dual 3-watt speakers to provide stereo sound effect
- Ideal for desk or night stand lamps
- Twist into any light socket for a built-in power source
- Available in both E27 and B22 base



LED + WIRELESS SPEAKERS

Model	Volts	Watts	CCT	Lumen	CRI
MTGPULSESOLO	240	7W LED + 2x3W speaker @ 8ohm (12.5W rated)	3000	550	80



## SMART LAMPS

### ► Boost



Boost gives you Wi-Fi where you want it, combined with high-efficiency, dimmable LED light. End Internet dead zones for good, as each bulb you connect increases the range of your Wi-Fi. Enjoy your shows, movies and music from almost anywhere in your home — along with an iOS/Android app for Wi-Fi setup and lighting control to keep your spaces bright.

- Boost connects to your home router/gateway
- Range is over 30 meters with near line-of-sight
- Available in both E27 and B22 base



A60



GU10



LED + WI-FI REPEATER

Model	Volts	Watts	CCT	Lumen	CRI
MTGBOOSTA60	240V	9W peak (Rated 7.5W)	3000	450	80
MTGBOOSTGU10	240V	9W peak (Rated 7.5W)	3000	450	80

### ► Snap



Snap provides peace of mind by connecting an IP camera, microphone and speaker to an energy-efficient LED bulb. Snap records video and stores it in the cloud, so no matter where you are, you can monitor your home and keep your family safe. Use it indoor or outdoor for enhanced home security and control it all from our app on an iOS or Android device.

- Features include facial recognition and motion detection
- Zero installation cost. Power from the socket, 2x2 MIMO Wi-Fi for high speed backhaul to home router
- Available in both E27 and B22 base



LED + IP CAMERA

Model	
MTGSNAP	Coming soon in 2015, check website for details.





## DOWNLIGHTS

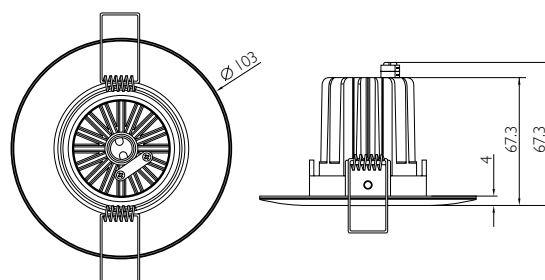
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- Our range of downlights has you covered, whether you need to retrofit and replace existing halogen or CFL downlights, or if you're designing a new build, we have the range to meet your needs.
- All of our Downlights are UV, IR and Flicker free.
- Efficient LED technology means you can save up to 50% on your energy costs using LED
- Multiple beam angles, lumen packages, CCT options can be selected to suit your project's needs.
- All of our downlights can be provided with dimming compatibility.
- All of our Downlights have up to 50,000 hours functional life and a full replacement warranty.
- We have Photometric data, LM79 and LM80 reports plus compliance for ALL of the luminaires in this range.
- General Innovation Australia is a registered responsible supplier.
- Warranty Terms & Conditions available on request.

## DOWNLIGHTS



### ► Multichip 103



Model	Volts	Watts	Kelvin	Lumen	CRI	Cutout
MTGDL10W3KD-6090-W	240	10	3000	500	84	75-90mm
MTGDL10W4KD-6090-W	240	10	4000	550	84	75-90mm
MTGDL10W3KD-6090-S	240	10	3000	500	84	75-90mm
MTGDL10W4KD-6090-S	240	10	4000	550	84	75-90mm

S = Silver W = White

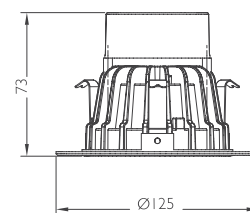
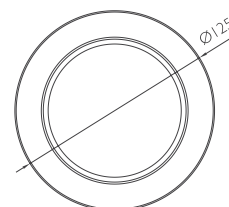


WIDE

## DOWNLIGHTS



### ► Integral Downlight



**IP20**



Model	Volts	Watts	Kelvin	Lumen	CRI	Cutout
MTGDLIIW-VI	240	11	3000/4000	800	80/90	95mm

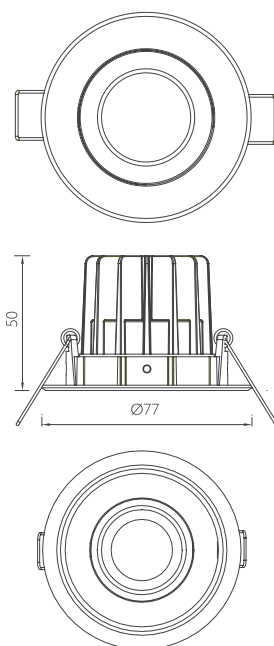




## DOWNLIGHTS



### ► Reflector COB



IP20



RoHS



Gimble



Dimmable  
Option

Model	Volts	Watts	Kelvin	Lumen	CRI	Cutout
MTGDL11W	240	11	3000/4000	750	80	70mm



WIDE

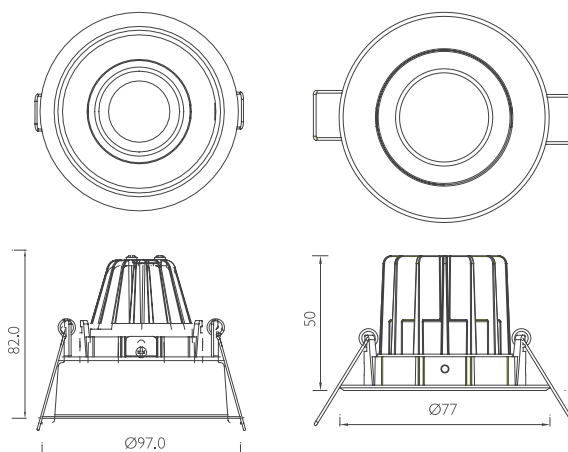


MEDIUM

## DOWNLIGHTS



### ► Deep Can



IP20



RoHS



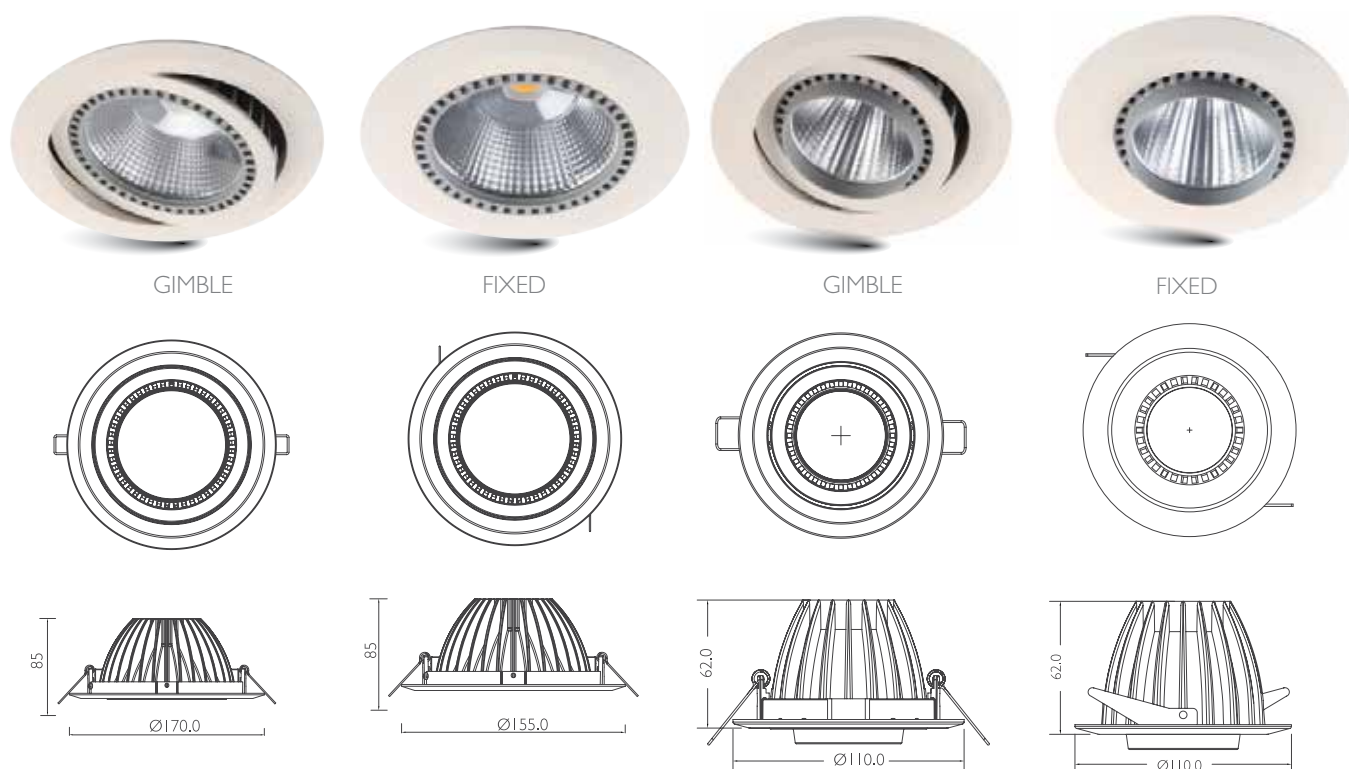
WIDE



MEDIUM

Model	Volts	Watts	Kelvin	Lumen	CRI	Cutout
MTGDLCAN8W	240	8	3000/4000	500	80	97mm
MTGDLCANI1W	240	11	3000/4000	750	80	90mm

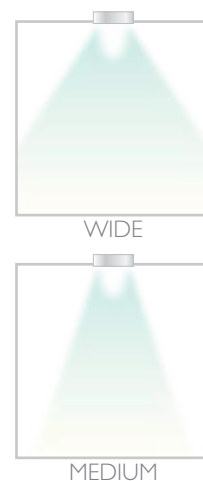
## DOWNLIGHTS



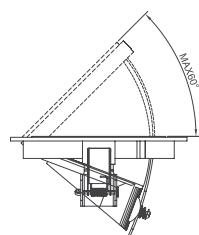
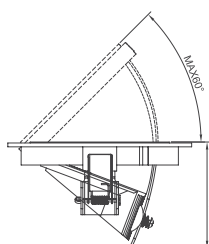
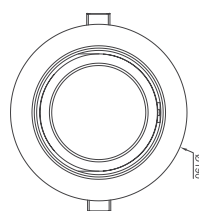
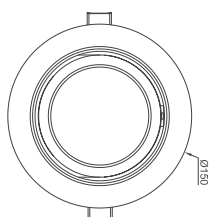
## ► Commercial COB



Model	Volts	Watts	Kelvin	Lumen	CRI	Cutout
MTGDL11W-G	240	11	3000	750	80	95mm
MTGDL11W-F	240	11	3000	750	80	80mm
MTGDL28W-G	240	28	3000	2400	80	95mm
MTGDL28W-F	240	28	3000	2400	80	80mm



## DOWNLIGHTS



### ► Wall Wash Downlight



IP20



RoHS



Gimble



Dimmable  
Option

Model	Volts	Watts	Kelvin	Lumen	CRI	Cutout
MTGDL15W-G60	240	15	3000	1450	80/90	140mm
MTGDL28W-G60	240	28	3000	2400	80	170mm

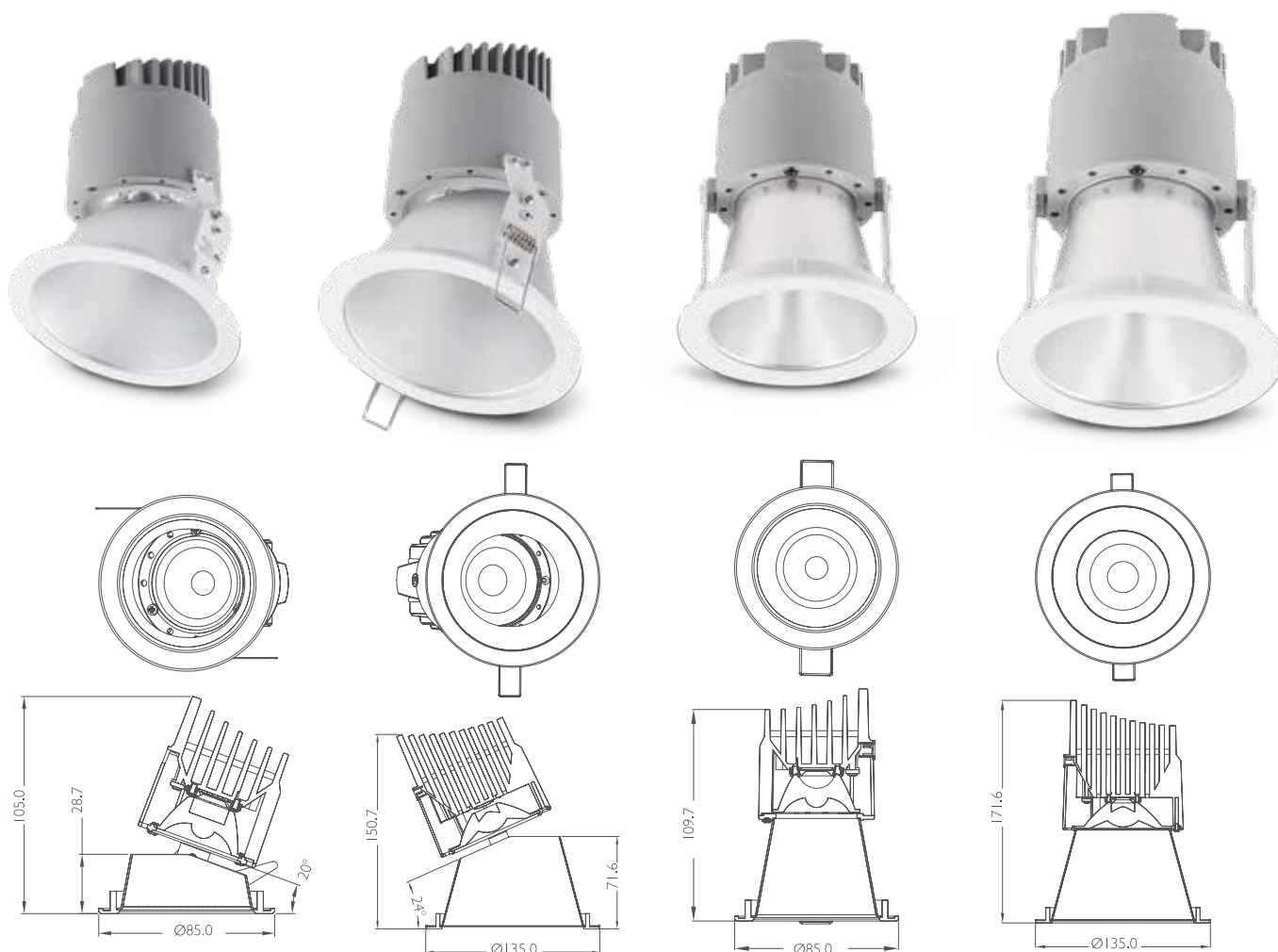


WIDE



NARROW

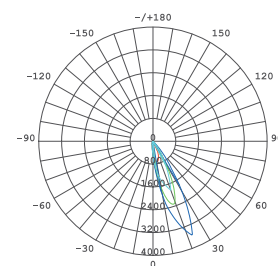
## DOWNLIGHTS



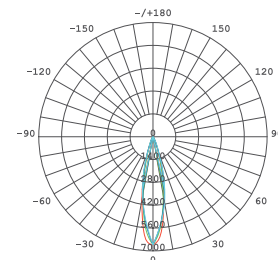
### ► Retail Recessed Series



Model	Volts	Watts	Kelvin	Lumen	CRI	Cutout
MTGDL11W-V2F	240	11	3000/4000	800	90	75mm
MTGDL23W-F	240	23	3000/4000	2000	90	125mm
MTGDL11W-V2G	240	11	3000/4000	800	90	75mm
MTGDL23W-G	240	23	3000/4000	2000	90	125mm



GIMBLE

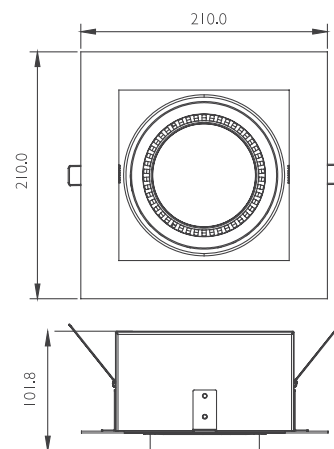


FIXED

## DOWNLIGHTS



### ► Adjustable AR111 Matrix Spotlights



Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions	Cutout
MTGDL28W-SQ	240	28	3000/5000	2200/2400	80	210x210x100mm	190x190
MTGDL56W-SQ	240	56	3000/5000	4600/5000	80	335x210x100mm	315x190
MTGDL84W-SQ	240	84	3000/5000	6500/7000	80	510x210x100mm	470x190



WIDE



NARROW



## DOWNLIGHTS



33W

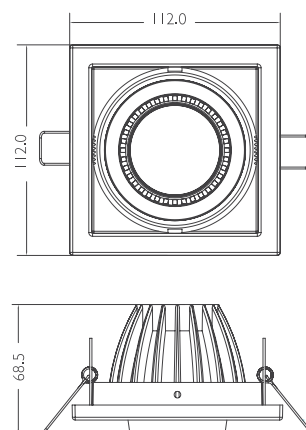
22W

11W

### ► Matrix Spotlights



44W



IP20



RoHS



Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions	Cutout
MTGDL11W-SQ	240	11	3000	800	80	112x112x68.5mm	100x100
MTGDL22W-SQ	240	22	3000	1600	80	224x112x68.5mm	210x100
MTGDL33W-SQ	240	33	3000	2400	80	336x112x68.5mm	320x100
MTGDL44W-SQ	240	44	3000	3200	80	224x224x68.5mm	210x210



NARROW

## DOWNLIGHTS



MTGDL9W3K-9090-W



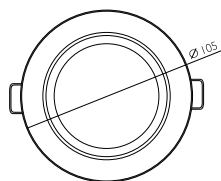
MTGDL13W4K-9090-W



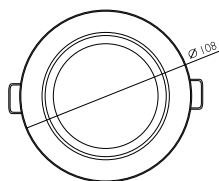
MTGDL30W



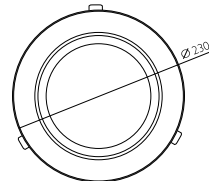
MTGDL50W



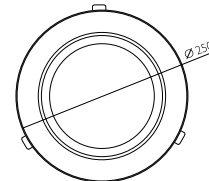
MTGDL9W3K-9090-W



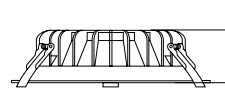
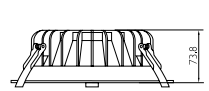
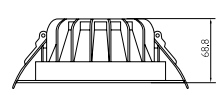
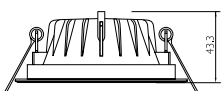
MTGDL13W4K-9090-W



MTGDL30W4K-90210-W



MTGDL50W4K-90250-W



## ► Diffused Slim Downlight



Model	Volts	Watts	Kelvin	Lumen	CRI	Cutout	
MTGDL9W3K-9090-W	240	9	3000	500	84	90mm	CORE
MTGDL9W4K-9090-W	240	9	4000	550	84	90mm	
MTGDL13W3K-9090-W	240	13	3000	1250	83	90mm	
MTGDL13W4K-9090-W	240	13	4000	1300	80	90mm	
MTGDL50W4K-90250-W	240	50	4000	4400	80	250mm	SPECIAL ORDER
MTGDL30W4K-90210-W	240	30	3000	3000	83	210mm	
MTGDL30W4KD-90210-W	240	30	3000	3100	83	210mm	



CCT Options: 3000K, 4000K, 5000K, 6000K.



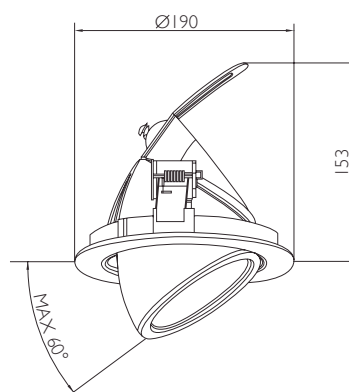
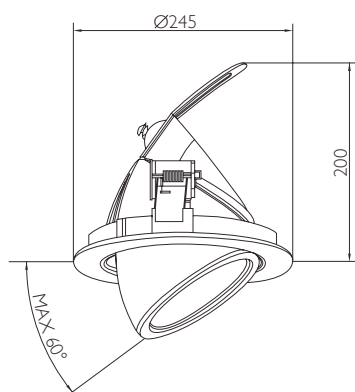


## SHOP LIGHTS

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- Retail lighting demands reliability and function as well as aesthetics from light. Our range has you covered, whether you need to retrofit and replace existing halogen, metal halide or CFL lights, or if you're designing a new build, we have the lights to meet your needs.
- All of our luminaires are UV, IR and Flicker free.
- Efficient LED technology means you can save up to 50% on your energy costs using LED
- Multiple beam angles, lumen packages, CCT options can be selected to suit your project's needs.
- All of our luminaires can be provided with dimming compatibility.
- All of our shop lights have up to 50,000 hours functional life and a full replacement warranty.
- We have Photometric data, LM79 and LM80 reports plus compliance for ALL of the luminaires in this range.
- General Innovation Australia is a registered responsible supplier.
- Warranty Terms & Conditions available on request.

## SHOP LIGHTS



### ► Snorkel Downlight



IP20



RoHS



Gimble



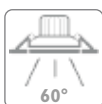
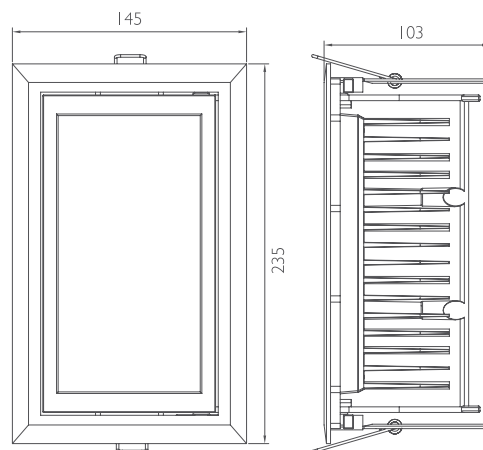
Dimmable  
Option

Model	Volts	Watts	Kelvin	Lumen	CRI	Cutout
MTGSL28W	240	28	3000/4000	2600	80/90	190mm
MTGSL46W	240	46	3000/4000	4100	80/90	245mm
MTGSL54W	240	54	3000/4000	4900	80/90	245mm

## SHOP LIGHTS



### ► Square Shoplight

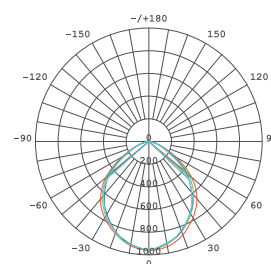


**IP20**



**RoHS**

Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions
MTGSL28W-SQ	240	28	3000/4000	2350	80/90	220x130mm
MTGSL38W-SQ	240	38	3000/4000	3000	80/90	220x130mm





## TRACK LIGHTS

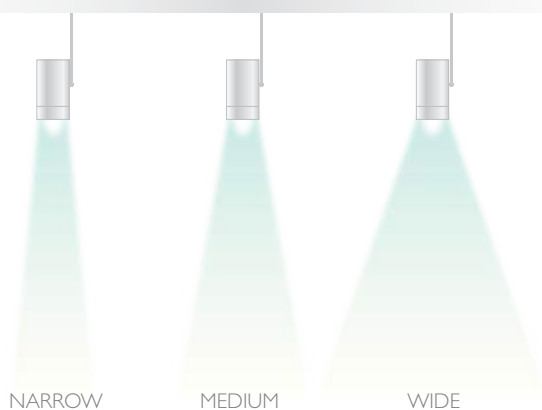
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- Retail lighting demands flexibility as well as function from lighting. Using Machtig Track and Track luminaires, you can build layered flexibility into your store.
- All of our luminaires are UV, IR and Flicker free.
- Efficient LED technology means you can save up to 50% on your energy costs using LED
- Multiple beam angles, lumen packages, CCT options can be selected to suit your project's needs.
- All of our luminaires can be provided with dimming compatibility.
- All of our track lights have up to 50,000 hours functional life and a full replacement warranty.
- We have Photometric data, LM79 and LM80 reports plus compliance for ALL of the luminaires in this range.
- General Innovation Australia is a registered responsible supplier.
- Warranty Terms & Conditions available on request.

## TRACK LIGHTS



### ► Stubby Spotlight

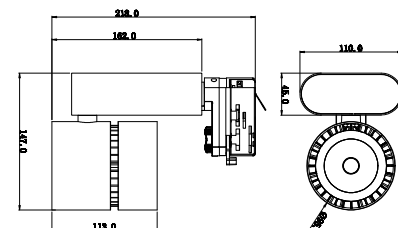
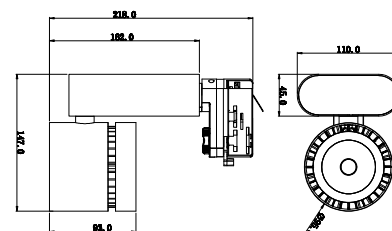
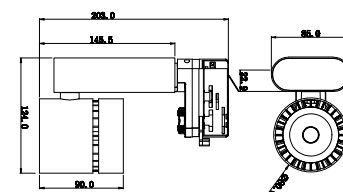
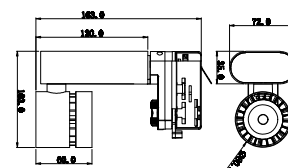


**IP20**



**RoHS**

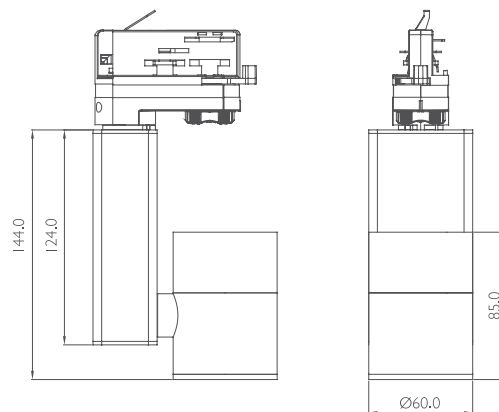
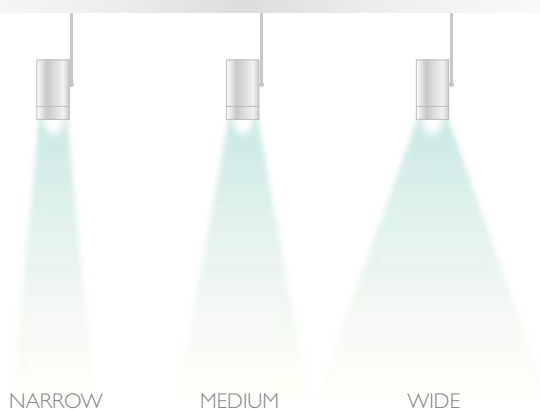
Model	Volts	Watts	Kelvin	Lumen	CRI
MTGTL10W-V2	240V	10	3000K/4000K	850	80/90
MTGTL20W-V2	240V	20	3000K/4000K	1700	80/90
MTGTL28W-V2	240V	28	3000K/4000K	2600	80/90
MTGTL54W-V2	240V	54	3000K/4000K	4200	80/90



## TRACK LIGHTS



### ► Sleek Spotlight



IP20



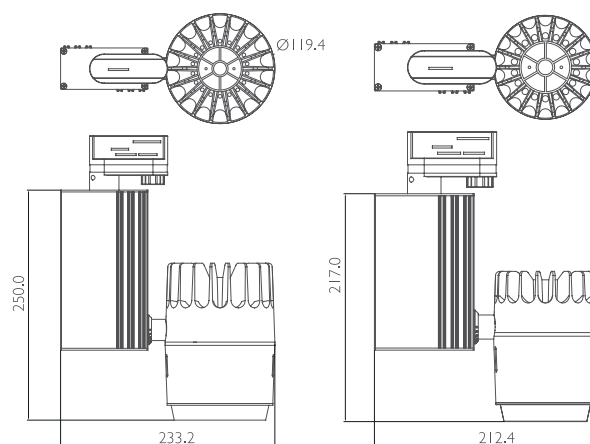
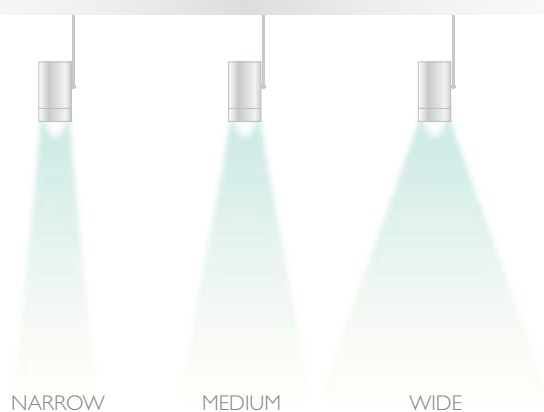
RoHS

Model	Volts	Watts	Kelvin	Lumen	CRI
MTGTL7W-80RA	240	7	3000/4000K	600	80
MTGTL7W-90RA	240	7	3000/4000K	550	90
MTGTL10W-80RA	240	10	3000/4000K	900	80
MTGTL10W-90RA	240	10	3000/4000K	850	90
MTGTL28W-80RA	240	28	3000/4000K	2400	80
MTGTL28W-90RA	240	28	3000/4000K	2100	90

# TRACK LIGHTS



## ► Micro Track



IP20



RoHS

Model	Volts	Watts	Kelvin	Lumen	CRI
MTGTL28WV2-80RA	240	28	3000/4000K	2400	80
MTGTL28WV2-90RA	240	28	3000/4000K	2160	90
MTGTL54WV2-80RA	240	54	3000/4000K	4650	80
MTGTL54WV2-90RA	240	54	3000/4000K	4200	90

## TRACK LIGHTS

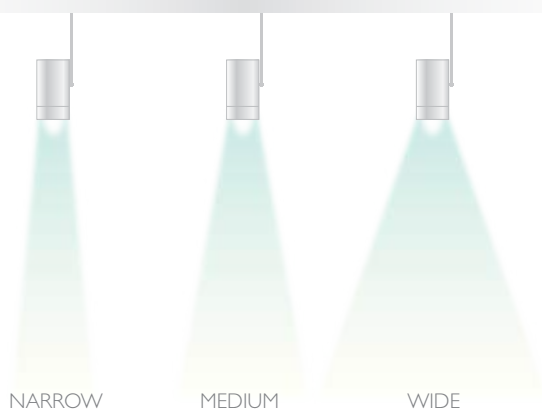


MTGTL28W-V4



MTGTL28W-V5

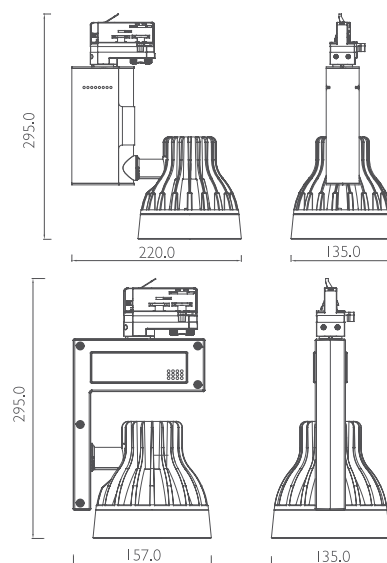
### ► Shielded Spotlight



NARROW

MEDIUM

WIDE



IP20

CE

RoHS

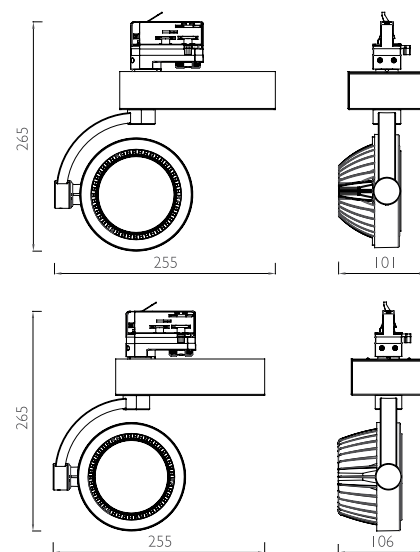
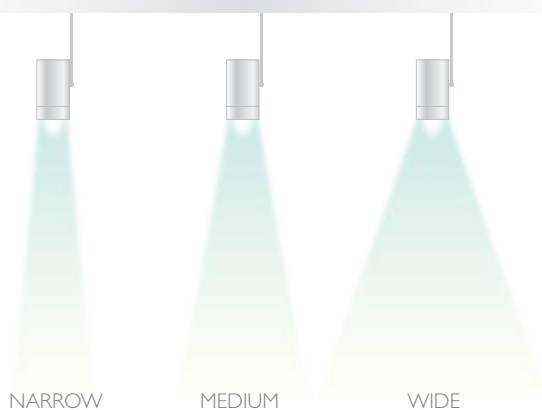
Model	Volts	Watts	Kelvin	Lumen	CRI
MTGTL28WV3-80RA	240	28	3000/4000K	2400	80
MTGTL28WV3-90RA	240	28	3000/4000K	2000	90



# TRACK LIGHTS



## ► Curved Disk Spotlight



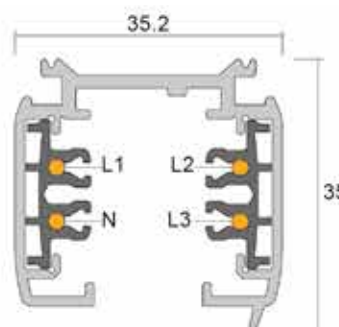
IP20



RoHS

Model	Volts	Watts	Kelvin	Lumen	CRI
MTGTL28WV4-80RA	240	28	3000/4000K	2400	80
MTGTL28WV4-90RA	240	28	3000/4000K	2000	90
MTGTL54WV4-80RA	240	54	3000/4000K	4650	80
MTGTL54WV4-90RA	240	54	3000/4000K	4200	90

## ACCESSORIES



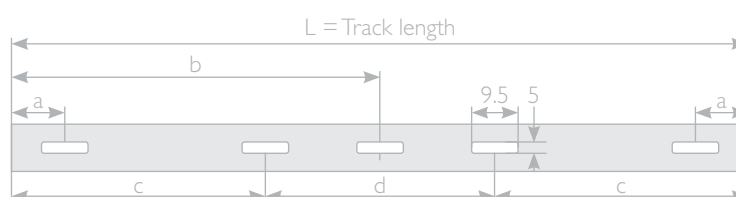
### ► 3 Circuits Track System - Universal / Global Track

Mounting options:

- Suspension
  - When suspending track attachment points at every 1000mm - 1200mm as standard.
- Ceiling mount - reinforcement plate with suspension wire
- Ceiling mount - reinforcement plate with suspension rod
- T-Bar, EZCLIK with reinforcement plate



L/min	a/min	b/min	c/min	d/min
1000	120			
2000	120	863		
3000	120		909	2086
4000	120		1242	2753



Contact Machtig for design support using Track systems.

## Track Lighting: Design Notes

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## LINEAR LIGHT

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- Slender lines of light that provide not only functional light but also slot discreetly into architecture or joinery. Mächtig provides only solid board linear light to provide our clients with reliability and longevity in linear lighting.
- Manufactured in standardised lengths, our team will work with you to ensure our system meets the needs of your project.
- All of our luminaires are UV, IR and Flicker free.
- Efficient LED technology means you can save up to 50% on your energy costs using LED
- All of our luminaires can be provided with dimming compatibility.
- Our linear lighting offers up to 25,000 hours functional life and a full replacement warranty.
- We have Photometric data, LM79 and LM80 reports plus compliance for all of the luminaires in this range.
- General Innovation Australia is a registered responsible supplier.
- Warranty Terms & Conditions available on request.

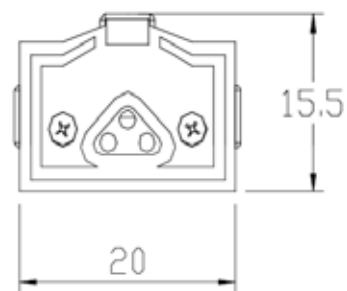
## LED LINEAR LIGHTS



### ► Architectural Linear Light



- Fully customisable to any length
- Standardised lengths available for ease of installation
- Magnetic brackets ensure discreet, strong fixing
- Control gear is remote.



Model	Volts	Watts	Kelvin	Lumen	CRI	Length
MTGLS224V3K260	24	4	3000/5000	300	84	260mm
MTGLS224V3K560	24	9	3000/5000	600	84	560mm
MTGLS224V3K860	24	13	3000/5000	900	84	860mm
MTGLS224V3K1160	24	18	3000/5000	1200	84	1160mm

Driver Model	Volts	Watts
MTGDRIVER24V24W	24	24
MTGDRIVER24V36W	24	36
MTGDRIVER24V60W	24	60
MTGDRIVER24V150W	24	150

\*Connector leads may be required.



## TROFFER & PANEL

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- Efficient, simple luminaires that recess into plaster or T-Bar and provide even illumination across a space. Whether you are upgrading, or building a new commercial space, the Mächtig range has the general illumination luminaire to suit your project.
- All of our luminaires are UV, IR and Flicker free.
- Efficient LED technology means you can save up to 50% on your energy costs using LED
- All of our luminaires can be provided with dimming compatibility.
- Our troffer and panel series offers up to 50,000 hours functional life and a full replacement warranty.
- We have Photometric data, LM79 and LM80 reports plus compliance for all of the luminaires in this range.
- General Innovation Australia is a registered responsible supplier.
- Warranty Terms & Conditions available on request.

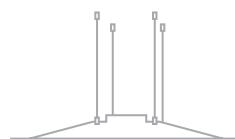
# TROFFER LIGHTING



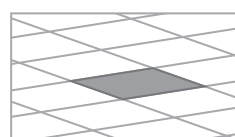
## ► Direct / Indirect Square

Mounting:

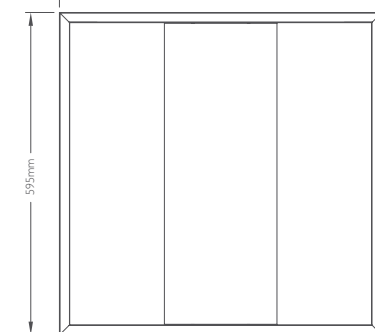
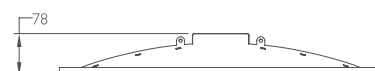
- Recessed Plaster
- Recessed T-Bar
- Suspended
- Surface Mounted



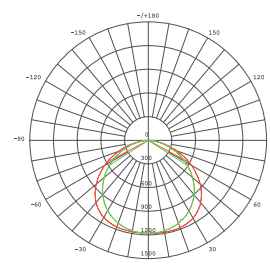
SUSPENDED



RECESSED

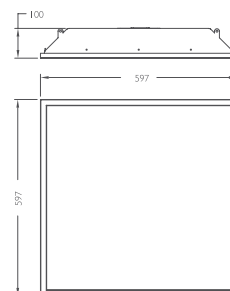


**IP20**



Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions
MTGTM6631W	240	31	4000	2700	80	595 x 595mm

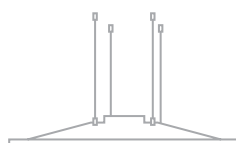
## TROFFER LIGHTING



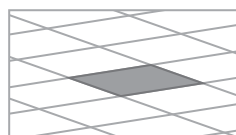
### ► Troffer Series

Mounting:

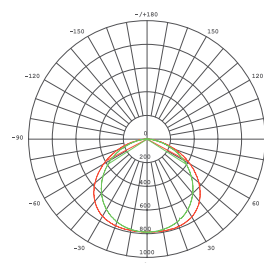
- Recessed Plaster
- Recessed T-Bar
- Suspended
- Surface Mounted



SUSPENDED



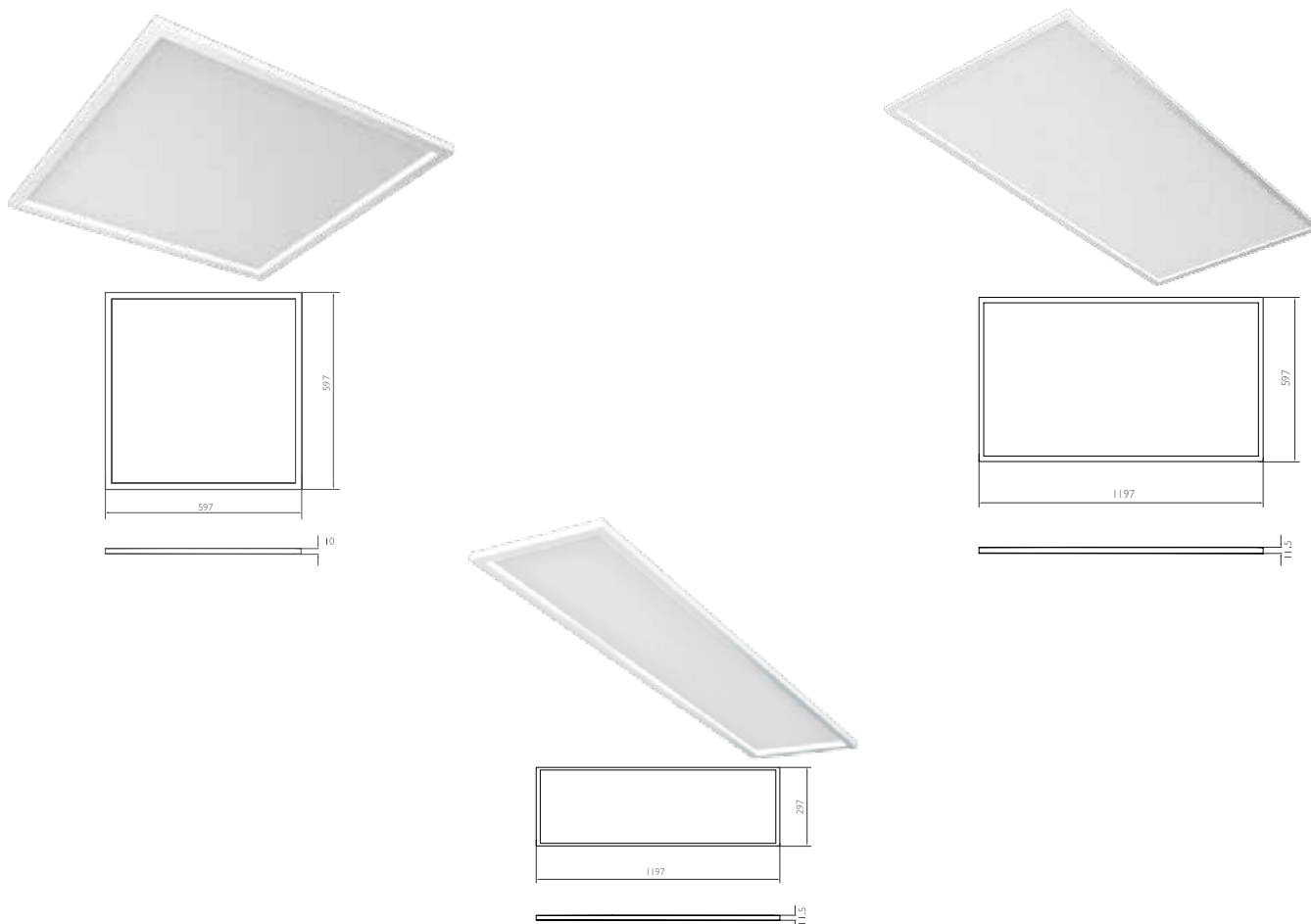
RECESSED



Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions	Core Range
MTGT6640W	240	40	4000	4000	80	597 x 597 x 100mm	No
MTGT12340W	240	40	4000	4000	80	1197 x 297 x 100mm	Yes
MTGT12650W	240	50	4000	5000	80	1197 x 597 x 100mm	No



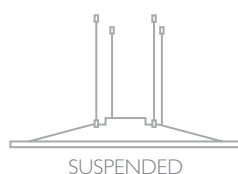
## PANEL LIGHTS



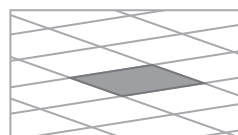
### ► Panel Series

Mounting:

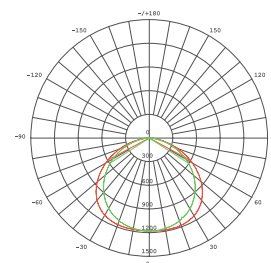
- Recessed Plaster
- Recessed T-Bar
- Suspended
- Surface Mounted



SUSPENDED



RECESSED



Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions
MTGP3636W	240	36	3000/4000/5000K	2500	80	597 x 597 x 10mm
MTGP6645W	240	45	3000/4000/5000K	3300	80	597 x 597 x 10mm
MTGPI2345W	240	45	3000/4000/5000K	3300	80	1197 x 297 x 10mm
MTGPI2356W	240	56	3000/4000/5000K	4200	80	1197 x 297 x 10mm
MTGPI2672W	240	72	3000/4000/5000K	4800	80	1197 x 597 x 10mm



## TRUNKING SYSTEM

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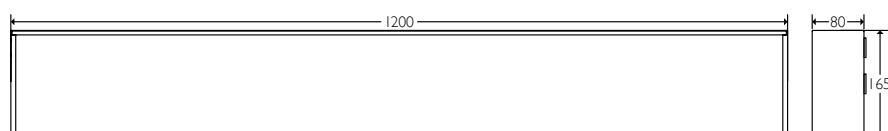
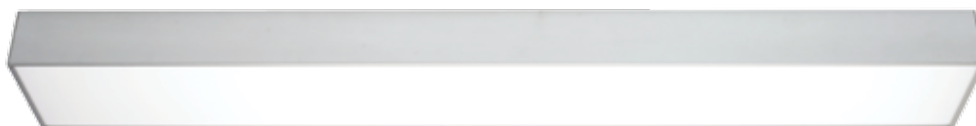
- Efficient, simple luminaires that fit smoothly, end to end, giving you a continuous line of illumination – perfect for Retail and Hospitality spaces. Whether you are upgrading, or building a new commercial space, the Machtig range has the luminaire to suit your project.
- All of our luminaires are UV, IR and Flicker free.
- Efficient LED technology means you can save up to 50% on your energy costs using LED.
- All of our luminaires can be provided with dimming compatibility.
- Our trunking system offers up to 50,000 hours functional life and a full replacement warranty.
- We have Photometric data, LM79 and LM80 reports plus compliance for all of the luminaires in this range.
- General Innovation Australia is a registered responsible supplier.
- Warranty Terms & Conditions available on request.

# TRUNKING SYSTEM



## ► Trunking System

- End to end connection for continuous light
- Suspended option

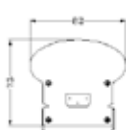
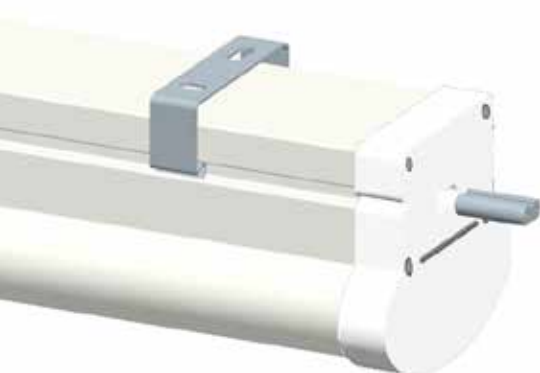


Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions
MTGTRU39W	240	39	3000/4000	3000	84	165x80x1200

## TRUNKING SYSTEM



### ► WP Trunking Batten



Model	Volts	Watts	Kelvin	Lumen	LED	Length
MTGTRU36W-WP	240	36	4000	3600	Samsung	1200mm

\*IP44 when used in trunking.



## BATTENS

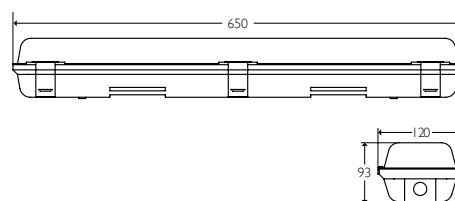
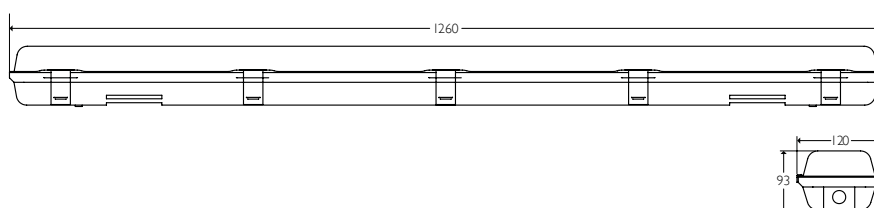
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- Efficient, simple luminaires that mount onto either the Ceiling or Wall providing an even spread of general illumination in a room. Ideal for CarParks, Construction and for Back of House environments.
- Whether you are upgrading, or building a new commercial space, the Machtig range has the luminaire to suit your project.
- All of our luminaires are UV, IR and Flicker free.
- Efficient LED technology means you can save up to 50% on your energy costs using LED
- Our battens provide up to 50,000 hours functional life and a full replacement warranty.
- We have Photometric data, LM79 and LM80 reports plus compliance for all of the luminaires in this range.
- Emergency 120m backup.
- General Innovation Australia is a registered responsible supplier.
- Warranty Terms & Conditions available on request.

## BATTENS



### ► Opal WVP Batten



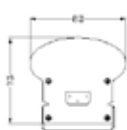
Model	Volts	Watts	Kelvin	Lumen	LED	Length
MTGWPI8W-600	240	18	4000/5000	1800	Samsung	600mm
MTGWPI8W-1200	240	18	4000/5000	1800	Samsung	1200mm
MTGWP28W-1200	240	28	4000/5000	2500	Samsung	1200mm
MTGWP36W-1200	240	36	4000/5000	3600	Samsung	1200mm

**AVAILABLE WITH 2-HOUR EMERGENCY, MAINTAINED AND NON-MAINTAINED.  
AVAILABLE WITH MOTION SENSOR.**

# BATTENS



## ► WVP Trunking Batten



Model	Volts	Watts	Kelvin	Lumen	LED	Length
MTGWVP36W-1200-V2	240	36	4000/6000	3600	Samsung	1200mm



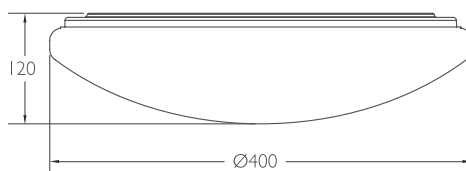
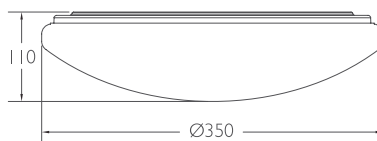
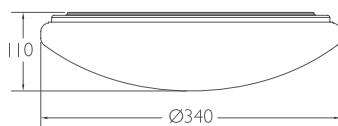


## OYSTERS

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- Efficient, simple luminaires that mount onto either the Ceiling or Wall providing an even spread of general illumination in a room. Ideal for Residential and for Back of House environments.
- Whether you are upgrading, or building a new commercial space, the Mächtig range has the luminaire to suit your project.
- All of our luminaires are UV, IR and Flicker free.
- Efficient LED technology means you can save up to 50% on your energy costs using LED
- All of our luminaires can be provided with dimming compatibility.
- Our oysters offer up to 50,000 hours functional life and a full replacement warranty.
- We have Photometric data, LM79 and LM80 reports plus compliance for all of the luminaires in this range.
- General Innovation Australia is a registered responsible supplier.
- Warranty Terms & Conditions available on request.

## OYSTERS

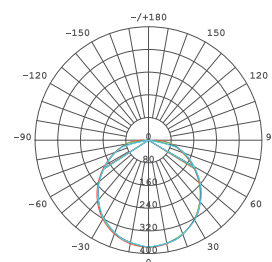


**IP20**



**RoHS**

Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions
MTGOYS11W	240	11	3000/4000/5000	800	80	340 x 110mm
MTGOYS16W	240	16	3000/4000/5000	1200	80	350 x 110mm
MTGOYS22W	240	22	3000/4000/5000	1800	80	400 x 120mm





## HIGH BAYS & FLOODS

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- High lumen packages and effective beam control ensure Mächtig High Bays and Floods are effective in any environment. Ideal for Large Retail, Industrial and Warehousing environments.
- Whether you are upgrading, or building a new commercial space, the Mächtig range has the luminaire to suit your project.
- All of our luminaires are UV, IR and Flicker free.
- Efficient LED technology means you can save up to 50% on your energy costs using LED
- Our High Bays and Floods provide up to 50,000 hours functional life and a full replacement warranty.
- We have Photometric data, LM79 and LM80 reports plus compliance for all of the luminaires in this range.
- General Innovation Australia is a registered responsible supplier.
- Warranty Terms & Conditions available on request.

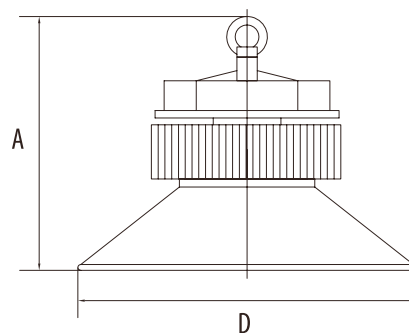
# HIGH BAYS & FLOODS



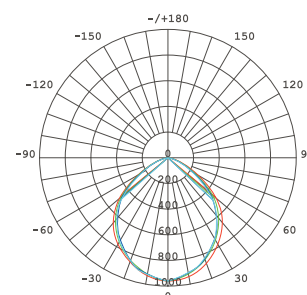
## ► High Bay Series

### Benefits

- Replace HPS or CDM high-bay
- No flickering, UV and IR
- More than 60% energy saved
- Lifetime is more than 50,000 hours



Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions	
MTGHB150W5K-S-V2	240	150	5000	14000	80	405 x 445 x 500mm	CORE
MTGHB200W5K-S-V2	240	200	5000	20300	80	405 x 445 x 500mm	
MTGHB240W5K-S-V2	240	240	5000	24450	80	475 x 525 x 500mm	SPECIAL ORDER
MTGHB300W5K-S-V2	240	300	5000	30440	80	475 x 525 x 500mm	

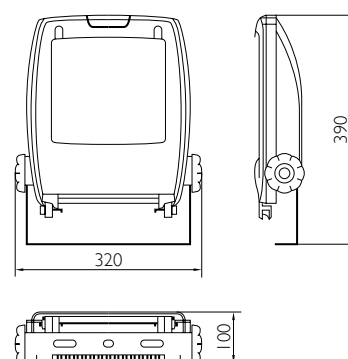
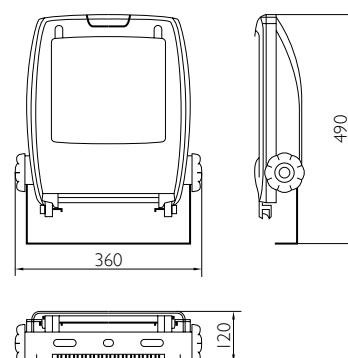


## HIGH BAYS & FLOODS



### ► Rectangular Slim

- The range of Machtig LED Floodlights is suitable for both domestic and commercial projects.

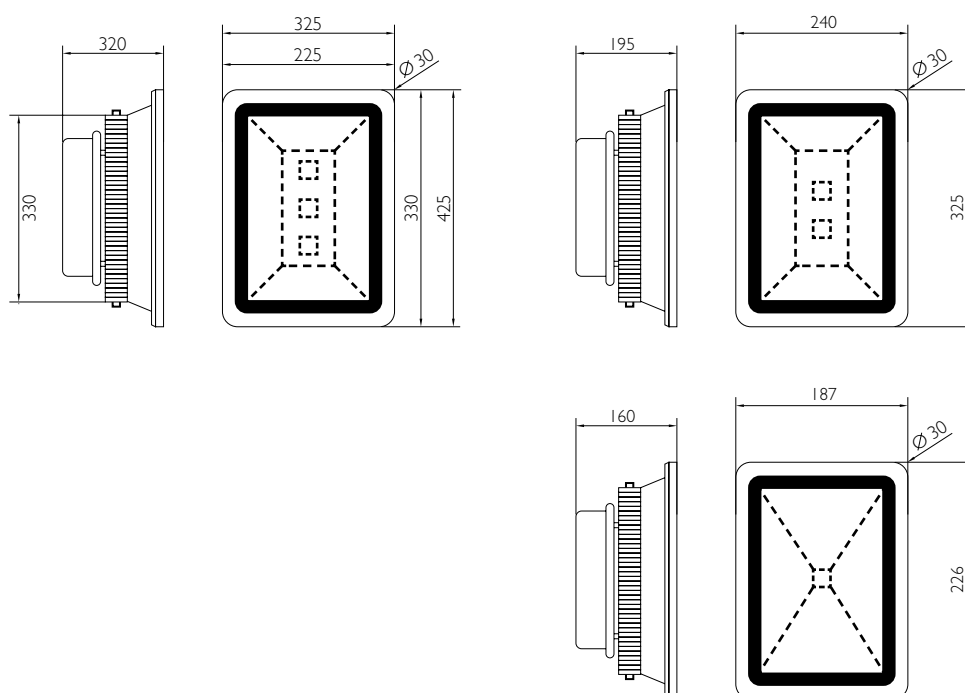


Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions
MTGFL50W5K-IP65-B-R	240	50	5000	4500	80	(A) 100 x (B) 320 x (D) 390mm
MTGFL100W5K-IP65-B-R	240	100	5000	9000	80	(A) 120 x (B) 360 x (D) 490mm

## HIGH BAYS & FLOODS



### ► Square Flood Light



Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions
MTGFL50W5K-IP65-B-S	240	50	5000	4500	80	226 x 187 x 160mm
MTGFL100W5K-IP65-B-S	240	100	5000	9000	80	325 x 240 x 195mm
MTGFL150W5K-IP65-B-S	240	150	5000	14,500	80	425 x 325 x 230mm

## HIGH BAYS & FLOODS



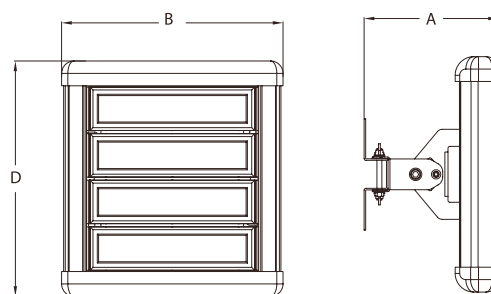
### ► Modular Rack Flood

#### Benefits

- Modular pluggable design, tool free maintenance
- Replace HPS, electrodeless fluorescent lamp or T8 tunnel light
- Connection to the tunnel lighting control system is convenient
- No flickering, UV or IR
- More than 40% energy saved

#### Applications

- Foodlight, Building Façade, Mining Projects



Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions
MTGFLPT50W	240	50	5000	5000	70	95 x 361 x 260mm
MTGFLPT100W	240	100	5000	10,000	70	175 x 361 x 260mm
MTGFLPT150W	240	150	5000	15,000	70	255 x 361 x 260mm
MTGFLPT200W	240	200	5000	20,000	70	335 x 361 x 260mm
MTGFLPT250W	240	250	5000	25,000	70	415 x 361 x 260mm
MTGFLPT300W	240	300	5000	30,000	70	495 x 361 x 260mm
MTGLFPT350W	240	350	5000	35,000	70	575 x 361 x 260mm



## HIGH BAYS & FLOODS



### ► Canopy Flood



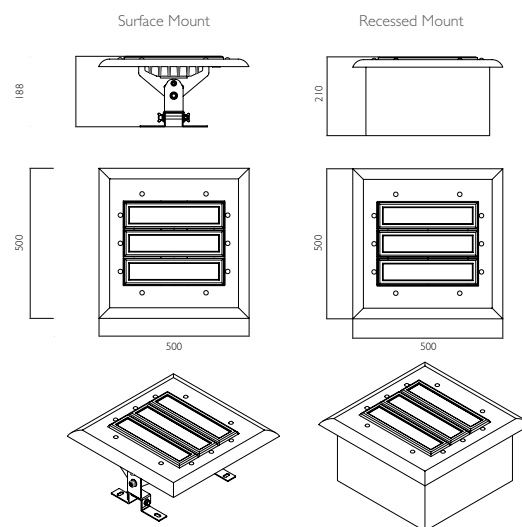
#### Benefits

- Replace HPS, electrodeless fluorescent lamp or T8 tunnel light
- Connection to the road lighting control system is convenient
- No flickering, UV and IR
- More than 40% energy saved
- Lifetime is more than 50,000 hours

#### Applications

- Petrol Stations, Area Lighting.

**MULTIPLE SIZES AND MOUNTING AVAILABLE  
TO RETROFIT ANY EXISTING CANOPY LIGHT**



Model	Volts	Watts	Kelvin	Lumen	CRI
MTGCANOPY110W	240	110	5000	9500	80
MTGCANOPY160W	240	160	5000	14000	80

SURFACE MOUNT KIT - This is available in a 500 and 600mm square version.



## STREET LIGHTS

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- High lumen packages, effective beam control and low glare solutions ensure Mächtig Street Lights are the ideal solution for your car park, road or pedestrian zone.
- Whether you are upgrading an area, or building a new exterior space for people and vehicles, the Mächtig range has the luminaire to suit your project.
- All of our luminaires are UV, IR and Flicker free.
- Efficient LED technology means you can save up to 50% on your energy costs using LED
- Our High Bays and Floods provide up to 50,000 hours functional life and a full replacement warranty.
- We have Photometric data, LM79 and LM80 reports plus compliance for all of the luminaires in this range.
- General Innovation Australia is a registered responsible supplier.
- Warranty Terms & Conditions available on request.

## STREET LIGHTS



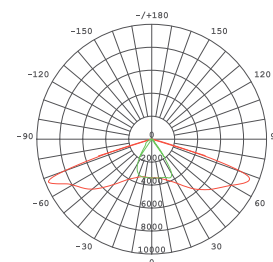
### ► Mexico Streetlight

#### Benefits

- Replace low-power HPS
- Connection to the road lighting control system is convenient
- No flickering, UV and IR
- More than 40% energy saved
- Lifetime is more than 50,000 hours



Model	Volts	Watts	Kelvin	Lumen	CRI	Dimensions
MTGSL40W-5K	240	40	5000	3500	80	585 × 360 × 120mm
MTGSL90W-5K	240	90	5000	8000	80	735 × 360 × 140mm





## LED LAMPS

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- Taking replacement lamps to the next level, the Mächtig range of lamps provides not just a lower energy solution but adds to the value of the light in your space.
- All of our lamps are UV, IR and Flicker free.
- Efficient LED technology means you can save up to 50% on your energy costs using LED.
- Our lamps provide up to 50,000 hours functional life and a 1 year warranty.
- General Innovation Australia is a registered responsible supplier.
- Warranty Terms & Conditions available on request.

## LED LAMPS



Double click self dimmable lamp exclusively produced by Mächtig LED.

STEP 1



100%  
LUMINOSITY

- Switch On

STEP 2



30%  
LUMINOSITY

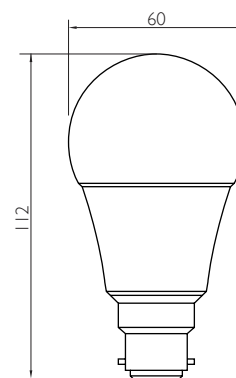
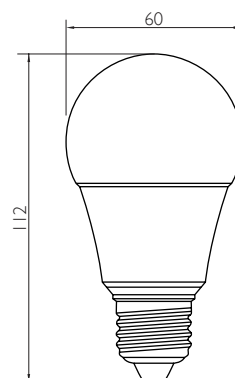
- Switch Off / Switch On



### ► Click Dim Lamp

The range of Mächtig LED retro fit lamps is suitable for both domestic and commercial projects.

Designed by world leading engineers, this LED lamp delivers an industry leading light output, with a lifetime of up to 50,000 hours.

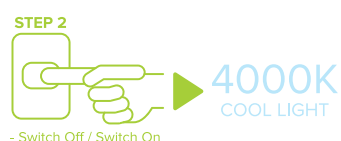


Model	Volts	Watts	Kelvin	Lumen	CRI	Dia
MTGA60DOUBLECLICKDIME27	240	11	3000	880	80	60mm
MTGA60DOUBLECLICKDIMB22	240	11	3000	880	80	60mm

## LED LAMPS



Double click self dimmable lamp exclusively produced by Machtig LED.

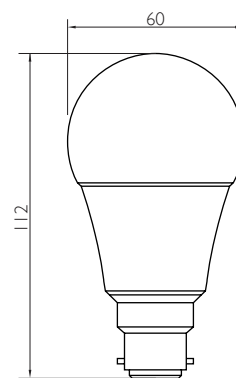
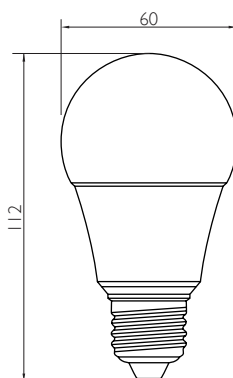


### ► Click CCT Lamp



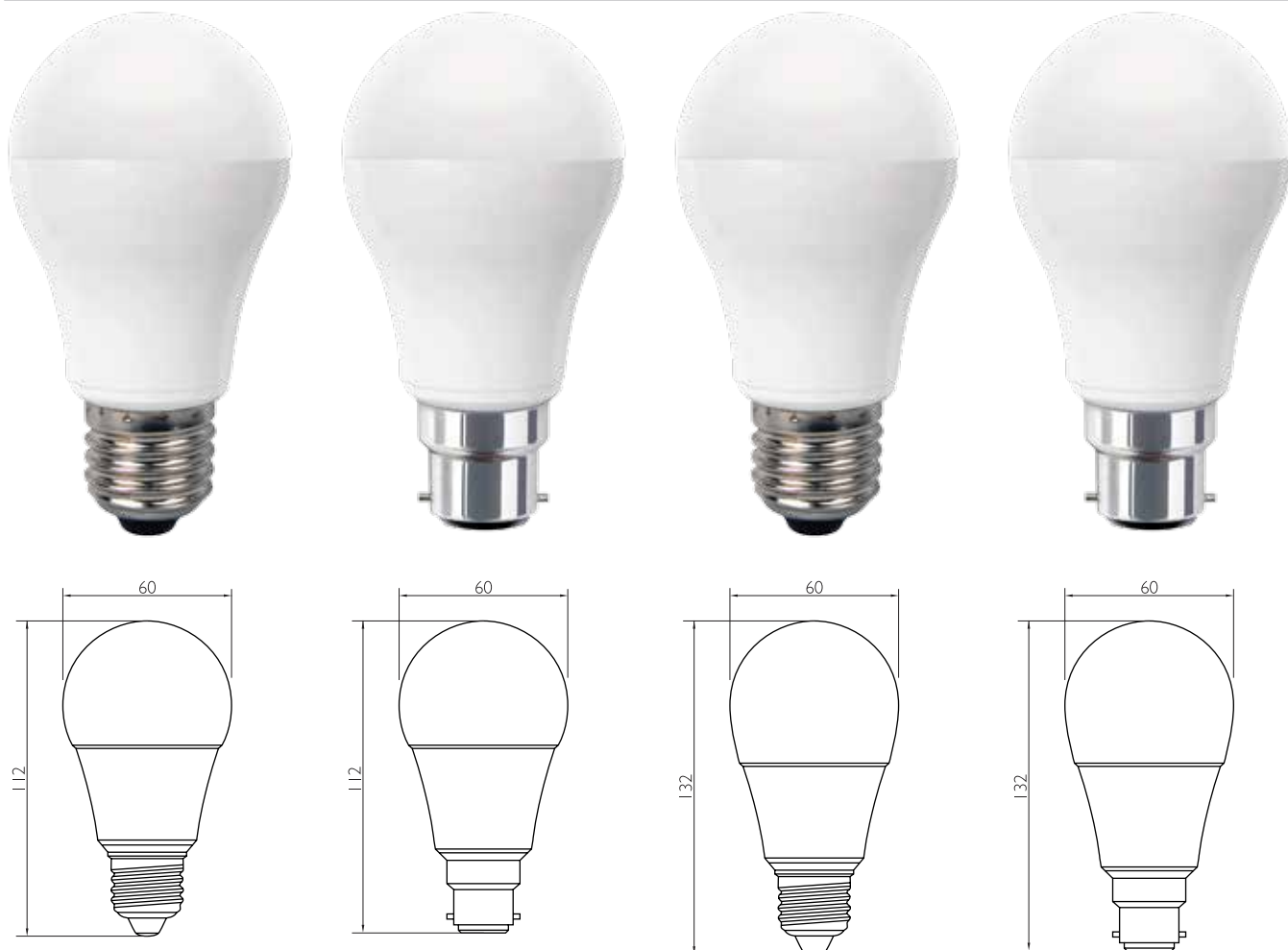
The range of Machtig LED retro fit lamps is suitable for both domestic and commercial projects.

Designed by world leading engineers, this LED lamp delivers an industry leading light output, with a lifetime of up to 50,000 hours.



Model	Volts	Watts	Kelvin	Lumen	CRI	Dia
MTGA60DOUBLECLICKCCTE27	240	12	2700/4000	880	80	60mm
MTGA60DOUBLECLICKCCTB22	240	12	2700/4000	880	80	60mm

## LED LAMPS



### ► Replacement A60 Lamp



The range of Machtig LED retro fit lamps is suitable for both domestic and commercial projects.

Designed by world leading engineers, this LED lamp delivers an industry leading light output, with a lifetime of up to 50,000 hours.



Model	Dimmable	Volts	Watts	Kelvin	Lumen	CRI	Dia
MTGA607WE27-DIM	YES	240	7	3000/6500	470-520	84	60mm
MTGA607WB22-DIM	YES	240	7	3000/6500	470-520	84	60mm
MTGA6012WE27-DIM	YES	240	12	3000/6500	800-880	84	60mm
MTGA6012WB22-DIM	YES	240	12	3000/6500	800-880	84	60mm



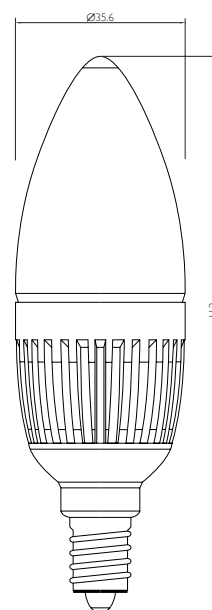
## LED LAMPS



### ► LED Candle

The range of Machtig LED retro fit lamps is suitable for both domestic and commercial projects.

Designed by world leading engineers, this LED lamp delivers an industry leading light output, with a lifetime of up to 50,000 hours.



Model	Dimmable	Volts	Watts	Kelvin	Lumen	CRI	Dia
MTGCND7W27KSESD	YES	240	7	2700	350	83	35mm

## LED LAMPS



### ► MR16 Replacement Lamps



Model	Dimmable	Volts	Watts	Kelvin	Lumen	CRI	Dia
MTGMRI66W3K-60-B	NO	12	6	3000	350	83	50mm
MTGMRI67W3K-60 (VEET)	NO	12	7	3000	440	84	50mm
MTGMRI68W3K-60	NO	12	8	3000	500	84	50mm
MTGMRI68W3KD-60-B	YES	12	8	3000	500-550	84	50mm
MTGMRI68W4KD-60-B	YES	12	8	4000	500-550	84	50mm

## LED LAMPS

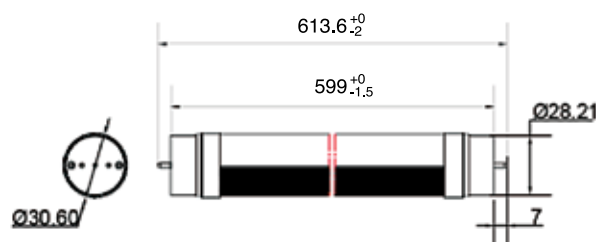
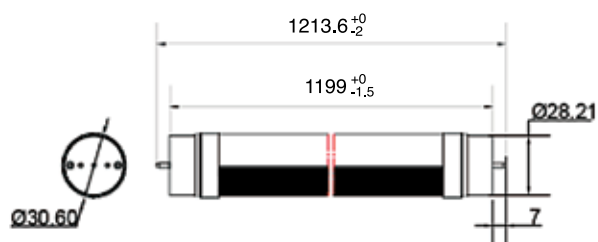


### ► GUI0 Lamps



Model	Dimmable	Volts	Watts	Kelvin	Lumen	CRI	Dia
MTGGUI06.5W3KD-36-B	YES	240	6.5	3000	350	84	50mm
MTGGUI06.5W3KD-36-W	YES	240	6.5	3000	350	84	50mm
MTGGUI07.5W3KD-60-B	YES	240	7.5	3000	500	84	50mm
MTGGUI07.5W4KD-60-B	YES	240	7.5	4000	550	84	50mm

## LED LAMPS



### ► LED Tubes



The range of Machtig LED retro fit lamps is suitable for both domestic and commercial projects.

Designed by world leading engineers, this LED lamp delivers an industry leading light output, with a lifetime of up to 50,000 hours.

Lamp supplied complete with LED Starter for replacement projects with iron core ballasts



Model	Volts	Watts	Kelvin	Lumen	CRI	Dia	
MTGT810W4K600	240	10	4000	900	84	30mm	CORE
MTGT821W4K1200	240	21	4000	1800	84	30mm	
MTGT832W4K1500	240	32	4000	2800	84	30mm	SPECIAL ORDER

## LED LAMPS



MTGPAR38 18W-IP44



MTGPAR38 25W



MTGPAR30 13W

### ► PAR Lamp Series



The range of Mächtig LED retro fit lamps is suitable for both domestic and commercial projects.

Designed by world leading engineers, this LED lamp delivers an industry leading light output, with a lifetime of up to 50,000 hours.



Model	Volts	Watts	Kelvin	Lumen	CRI	Dia
MTGPAR30-13W-90-4K	240	13	4000	1050	80	—
MTGPAR38-18W-90-3K-IP44	240	18	3000	1450	80	—
MTGPAR38-25W-3K	240	25	3000	2500	80	—

## Our Certifications: Testing laboratory



LCIE (BV)



Intertek



CNAS



TUV



## Management system / Social responsibility Certification



ISO 9001:2008  
by nqa



ISO 14001:2004  
by nqa

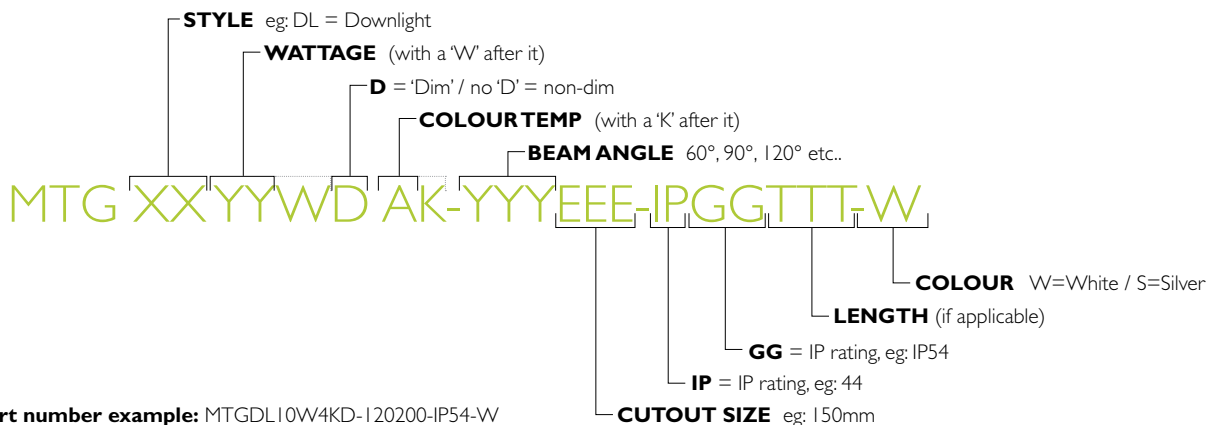


OHSAS 18000:2007  
by nqa



BSCI passed

## Our ordering codes explained:



**Typical part number example:** MTGDLI0W4KD-I20200-IP54-W

General Innovation Australia Pty reserves the right make dimensional, design and technical alternations. No liability can be assumed for the accuracy of the content and all statements are non-binding. Not all items are in stock and some may incur a lead-time upon order. All products come with a limited warranty which is product specific. To find out more please contact General Innovation Australia Pty Ltd on 03 9580 0717.

## How to order from us:

Ready to order or request a quote?

Simply provide us with the information outlined below.

Send this information to [orders@machtig.com.au](mailto:orders@machtig.com.au) (or your representative);

- Quantity required
- Catalogue Page Number (eg: DL-1)
- Product Name
- Model #

If you are unsure of the model number, just let us know the following;

- Wattage
- Kelvin
- CRI
- Beam Angle (Narrow, Mid, Wide)
- Dimming (Yes/No)
- Colour (if applicable – White is standard)
- Dimensions/Size (if applicable)
- IP Rating (if applicable)

We look forward to working with you.

Quoted Efficacies: (W, Lm) LED efficacy is constantly improving. Please contact us for your latest luminaire data for your project.

### CORE RANGE



Products in our Core Range are commonly held in stock and can be purchased in lower quantities. For Non-Core items, please check with our office for lead times and MOQs (Minimum Order Quantities).



## Notes

[illegible]

## Notes

[illegible]



## **MACHTIG SUPPLIES LED LIGHTING SOLUTIONS FOR GENERAL DOMESTIC, COMMERCIAL AND INDUSTRIAL MARKETS.**

**DOMESTIC** | We provide a full suite of replacement LED lamps and fittings for all residential applications. We can also help design and manufacture bespoke lighting solutions.

**COMMERCIAL** | Commercial lighting applications are ideal for LED technology. If it's reducing energy bills and maintenance costs or wanting to enhance your retail offering, Machtig has a range of unique lighting for all retail, office and store locations.

**INDUSTRIAL** | Industrial lighting is key to any manufacturing or warehouse operation. We offer a full range of LED lamps and fittings for internal and external industrial lighting applications.

**STREET LIGHTS** | Machtig LED street lights are an environmentally friendly alternative to traditional street and public lighting applications, providing superior energy efficiency and optimal light distribution.

# GENERAL INNOVATION AUSTRALIA



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