Digilin
AUSTRALIA

Hi Output LED Luminaires And Linear Strips Proudly Australian

For more information please contact
lightmoves (03) 9701 2500
info@lightmoves.com.au
138-146 Browns Rd, Noble Park VIC 3174

Digilin
AUSTRALIA

DIGILIN LED

INTRODUCTION
THE DIGILIN DIFFERENCE

CASE STUDIES

DOWNLIGHTS

LINEAR STRIPS & ACCESSORIES
INDOOR & OUTDOOR OPTIONS

LINEAR HIGH POWER LUMINAIRE
INDOOR & OUTDOOR OPTIONS

HIGH BAY RANGE

EXTERIOR UPLIGHTS

CUSTOM LED DESIGN SERVICE
MANUFACTURE TO YOUR SPECIFICATION

POWER & CONTROL
DRIVERS, POWER SUPPLY'S & DIMMING

MISCELLANEOUS

CONTENTS

INTRODUCTION - THE DIGILIN DIFFERENCE
CASE STUDIES

DOWNLIGHTS
- ICON-MINI 113
- ICON- 800 FAMILY - (ICON-816, ICON-812, ICON-808)
- ICON SERIES - SURFACE MOUNT AND LOW GLARE ACCESSORIES
- LIBERTY - 110 & LIBERTY - 112
- LIBERTY - 118 & LIBERTY - 126
- FREEDOM 140
- HORIZON 112
- MR16 LED - SATURN 3

LINEAR STRIP & ACCESSORIES - INDOOR & OUTDOOR OPTIONS
- PROJECT LED - SINGLE COLOUR, PROJECT LED STRIP - RGB
- PROJECT MINI LED STRIP
- TRIPOWER LED STRIP
- HARLEQUIN RGB LED STRIP
- PALETTE RGBW LED STRIP
- STAIRNOSE LED
- ULTRAFLEX LED STRIP - SINGLE COLOUR
- ULTRAFLEX IP67 - SINGLE COLOUR
- TRIFLEX IP67 LED STRIP - SINGLE COLOUR
- SLIMLED
- MARINER OUTDOOR OPTIONS
- JAVELIN EXTRUSION FAMILY

LINEAR HIGH POWER LUMINAIRES - INDOOR AND OUTDOOR OPTION
- LINEAR POWER MODULAR
- EXCALIBUR
- EXCALIBUR RGB & RGBW

HIGH BAY RANGE
- HELIOS PRO
- HELIOS - 150
- STADIUM
- ARENA

EXTERIOR UPLIGHTS
- GL 10
- GL 20
- GL 30
- GL30-RGB
- TAIPAN
- TRIDENT
- TAIPAN/ TRIDENT RGB
- TAIPAN DOWN
- TAIPAN UP/DOWN
- LUPS25

CUSTOM LED DESIGN SERVICE

POWER AND CONTROL
- DIGILIN POWER-CONTROL-DIMMING
- CONSTANT CURRENT LED FITTING/ DRIVER CROSS REFERENCE
- LED STRIP/POWER SUPPLY DRIVER CROSS REFERENCE
- LED STRIP RANGE QUICK REFERENCE
- TRIDONIC ATCO/DIGILIN CONSTANT VOLTAGE DRIVER CROSS REFERENCE

MISCELLANEOUS

The Digilin Difference

There are a large number of LED products on the Australian lighting landscape, many of which are of inferior quality. Some companies importing these products make completely unsubstantiated claims of performance and life span

What makes Digilin different?

There are several key differences between our company and our competitors. Digilin Australia is the oldest manufacturer of Fibre Optic and LED products in Australia (since 1980) and one of only a very small number of companies producing here

Let us look at some of our distinguishing features:

- Digilin is Australian owned and staffed by qualified electronic engineers. Few companies in Australia understand LED lighting like us. Most of our product range is manufatured in Bulimba (suburb of Brisbane) Queensland

- We only use premium LED's from the worlds leading manufacturers (Cree, Nichia, Luxeon for example)

- Digilin understands heat dissipation requirements better than anybody. Our technology is second to none and far superior to most, ensuring our luminaires and strips meet or exceed LED manufacturers lifespan expectancy

- Our lens design and technology is unsurpassed throughout the world resulting in superior optics and efficiencies

- We bring advances in LED technology to market faster than our competitors, without ever compromising our rigorous pre-release testing

- Digilin has no commercial allegiances with any single LED producer meaning that we can source the best LEDs from wherever they may be. This is particularly important due to the 'leapfrogging' nature of advancements between the major LED makers

- Our strict binning controls ensure correct colour matching. Fittings that we supply contain detailed bin information for future colour and performance matching should it ever be required. We even cross reference the makers part number for future reference

- Digilin boasts the oldest fully functional LED lighting installation in Australia (Mall Music, Brookvale) and our company's reputation and record of reliability is unparalleled in this country

GPAC – Geelong Performing Arts Centre
Photograph courtesy Lightmoves – Lightmoves.com.au
Digilin Luminaire ICON-816

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

CASE STUDY

'SEED FEMME' Retail Fashion Outlets

In November 2009 Digilin was contacted (along with several leading LED suppliers) to supply samples for the upcoming 'Seed Femme' up-market retail stores; subsequently several samples were sent to BrandBank for appraisal.

The Digilin product differed from all others submitted in three key areas: One, our 'light delivery' was superior to all other tendered products; Second, our 'performance per watt' was the best on offer and third; our product was the only Australian made offering.

In February of 2010, James Aktins ('BrandBank' Senior Project Manager responsible for Seed fitouts) contacted Digilin and made the following statements... "Your Icons are what we want, nothing comes close to their performance that we can find...' 'They are fantastic.' High praise indeed!

James had requested one alteration to the warm white version submitted, a LED with the color temperature of 3500 degrees with high color rendering index, so important for retial fitouts. These LED's were quickly sourced from Nichia (Japan) and Digilin undertook the production process in our factory (located Bulimba, Queensland).

Digilin also supplied many metres of Neutral White 'UltraFlex' LED strip to Seed Femme in matching color temperature for all in store shelf lighting.

At the time of writing, four Seed fitouts had been undertaken, Mosman, the Queen Victoria Building (NSW) and Melbourne Central, (the Seed flagship store in Victoria) with at least 6 more outlets scheduled.

Nett Benefits to 'Seed Femme'

- Hugely reduced electricity cost over halogen
- Exceptionally long lifespan
- Zero maintenance
- Tightly controlled color rendition

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

CASE STUDY
SUPERYACHTS

History

Digilin has manufactured and supplied LED and Fibre Optic solutions for some of the world's most exclusive and luxurious yachts over the years. Recently we have completed work on yachts such as 'MY Smerelda' (the fastest super yacht in the world), 'MY Silver Zwei' built by the world re-nown Australian ship builder 'Hanseatic Marine' and the 'Necker Belle' (Sir Richard Branson's yacht), all in conjunction with Queensland design specialist 'Creative Lighting Concepts'.

Simon MacKay, (MD of C.L.C) chose Digilin for several reasons: Superior performance, reliability, overall hi quality and Digilin's track record in providing custom solutions to tricky design challenges.

All of these yachts, feature extensive use of MicroPower Led strips, whilst the Necker Belle also uses RGB Taipans and drivers/controllers. Fibre Optic lighting also appears along the hull of the MY Smerelda.

CLC and Digilin's most recent challenge was to create a special bollard for the MY Silver Zwei; a bollard that needed to illuminate evenly and show no 'spotting' or 'striping'. Furthermore, the light could not vary in intensity through the diffuser at any point on its shape. Whilst seemingly not a huge challenge in itself, the task was made difficult given the irregular mounting surfaces enclosed behind the opal envelope. Whilst a bespoke internal mounting skeleton would solve the problem, the shadows cast by such a structure proved very difficult to eradicate.

The disclose the final solution here would give away our 'trade secret' suffice to say a successful outcome was achieved and the bollards duly constructed and installed

At the time of writing Digilin is developing a new range of 'marine specific' products for CLC to increase its penetration into the luxury yacht segment

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

CASE STUDY

GPAC – Geelong Performing Arts Centre

After 30 years of entertaining the locals, The Ford Theatre at the Geelong Performing Arts Centre (GPAC) recently underwent an extensive makeover re-opening as The Playhouse.

Integral to this rejuvenation has been the inclusion of the state-of-the-art LED light design, towards which Digilin has supplied over 170 ICON LED downlight fittings.

Mark Trubridge, from Electrolight – (a specialised Lighting Design Consultancy) – was contracted for the architectural lighting design of the auditorium.

Mark approached Joe Casamento of Lightmoves to develop an appropriate LED solution. A decision was made to use Australian -made Digilin ICON downlights, contained in a custom housing. The ICON's incredible output, lamp life, and low power usage made them the most suitable choice. 'With somewhere close to 250 fittings, technical staff were changing several halogen globes a week. The ICON's should have a 15-30 year lamp life, which reduces the need for maintenance completely' says Mark. Furthermore; there were two unsightly winches which had to stay permanently in the auditorium purely for the purpose of changing the globes in the halogens, but now they have been removed.

In addition to the ICON fittings, Lightmoves also supplied LED light strips to highlight the wood panelling and for use as step lighting.

The theatre staff, architects and Arts Victoria are all very happy with the result, but Mark was particularly thrilled with the result 'We think it is the first auditorium of that size in Australia to be fully house lit with LED's, and I'm very pleased that it has all worked so well.'

Nett Benefits to 'GPAC'

- Hugely reduced electricity cost over halogen
- Exceptionally long lifespan
- Zero maintenance

Photograph courtesy of Lightmoves – lightmoves.com.au

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

CASE STUDY

JUNCTION HOTEL – all LED installation

The Junction Hotel, Newcastle NSW represents a milestone in lighting technology, being entirely illuminated by LED's.
EJE Architects commissioned local contracting firm 'The Hot Spot Group' to design and construct an all electronic lighting system, an undertaking not before attempted in this country. Digilin was commissioned to supply all over-head lighting in public areas including the toilets, bars and dinning areas with our highly popular 'Taipan' 3 watt Luminaires. The exterior of the building is also fitted with Digilin Taipans.

Digilin color changing Taipans have been used in the water feature, and our LED brackets adorn many of the walls.

Since the Junction Hotel was completed, Digilin has increased its range of LED Luminaires with more powerful models as yet unparalleled by any other manufacturer.

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

CASE STUDY
The Offices of DLA Phillips Fox

History

When Digilin released a second generation ICON LED downlight, Lighting Consultants 'Northrop' were amongst those companies quick to adopt the product for several projects. One of these was the prestigious fit out for the legal firm 'DLA Phillips Fox'.

Used in this instance for crating strong pools of tightly controlled light, the Icon luminaires provide a dramatic effect that can be seen in these photographs. (Wide beam versions are also available).

This fit out subsequently won a prestigious 'IES' award for excellence in lighting. Congratulations Northrop Consulting Engineers for your excellent design work.

Available in wide, medium and narrow beam (Narrow used in this project)

Nett Benefits

- Hugely reduced electricity cost over halogen
- Exceptionally long lifespan
- Zero maintenance
- Tightly controlled color temperature

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

CASE STUDY

SONY – Playstation Stand

Sony Account Manager Elissa Harwood approached Digilin in late June 2010 in order to provide a cost effective, yet dynamic lighting solution for the new Playstation PS3 display stand, oh, and it was urgent as the stand had to be constructed and on site in three weeks!

The lighting effect had to reflect the sophisticated nature of the PS3 gaming console, so a custom LED light show program was devised by Sony's in house designers, then refined and programmed by Digilin's own Electronics Engineer, Craig Clark.

The lighting was manufactured, programmed and sent as a simple 'plug and play' solution for installation by the stands designers and builders, 'Displaywise' after some on site tuition by Digilin it was commissioned and up & running!

The end result? A quote from Elissa tells the story pretty well "they (Sony Computer Entertainment management and the client) were wrapped with it and it won Best Stand of the Expo! Thank you so much for your help, we really appreciate everything you did for us".

Photograph courtesy of ©2008 SONY DADC (Australia) – sonydadc.com.au

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

CASE STUDY

MUSIC MALL - Brookvale NSW

Is this the oldest, functioning LED lighting installation in Australia?

Probably Sydney's oldest LED Lighting installation of it's type, and Digilin's first

Looking good despite 8 years of abuse!

Back in 1999, leading Sydney Lighting Designer Barry Webb (Now retired) contacted Digilin to see if a maintenance free luminaire could be manufactured to be used in a proposed record store at Brookvale on Sydney's Upper North Shore. It had to be 'low heat' as it would sustain high pedestrian traffic, but could not be fibre optic as the bend radius of the fibre preluded its use.

Additionally, the luminaire needed to be very compact, robust and resist water ingress, oh, and most importantly, be maintenance free!

Sounds simple...?

One must remember that in 1999 there was only one other Manufacturer of LED Architectural lighting of note in Australia (Which has long since gone out of business) and such luminaires were anything but commonplace. Large overseas companies were still scratching their heads over LED's, with most predicting that they were only a fad.

Digilin accepted the challenge, and the result is seen here.

These photographs were taken January 14,2008, some 8 years after installation, and all lights are still functional; none have ever been replaced or serviced. While it may seem a miracle that a LED product from that era could survive, it is in fact a testament to the design and build quality of the Digilin product.

At that time, without any prompting, the owners of the 'Music Mall' Geoffrey and Amanda Bonouvrie made the following comments:

"We have lots of different lighting in this shop, and these are the only ones that have never given us any trouble"... "... if only all the other lighting was LED"

Well guess what? Now it can be. Digilin now produces a range of overhead LED lighting powerful enough for retail lighting levels

LED technology has long since surpassed the performance of the '5 mm' LEDs shown here, but Digilin's skill in producing high output, ultra durable LED lighting still reigns superior.

Please contact us for more information.

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

CASE STUDY

Energy Australia Smart Home

The Energy Australia 'Smart Home' once housed athletes competing in the 2008 Sydney Olympics. It has now been renovated by Energy Australia to show-case the latest in energy saving, and environmentally sound technology.

From Energy Australia's web site we quote the following "Light emitting diodes have long been considered the most efficient form of lighting, but the expense and quality of LED lights have been a problem. Until Now! The Smart Home will be trailing new lighting technologies that combine LED lights where practical and energy efficient fluorescent lights where practical and energy efficient fluorescent lights. The house has 645 watts of LED and fluorescent lighting – if it was lit by a conventional low voltage downlight it would have over times this wattage'/

The Australian made Digilin Icon was selected for the Smart Home by independent consulting firm 'Lighting Art + Science' and now feature in the living areas.

Digilin is proud to be associated with the Smart Home initiative.

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

CASE STUDY

ROBERTSON RESIDENCE, MUDGEE
LIT ENTIRELY WITH LED

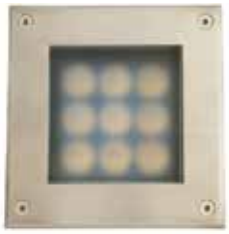
History

Richard Mann (BHI Architects, Sydney) approached Digilin (after recommendation by Northrop Lighting Designers) looking for products suitable to illuminate a new residence under design for the Robertson family, owners of Thistle Hill Winery in Mudgee, NSW.

Upon inspection of Digilin's range Richard commented that "These are the best fittings I have seen; highly impressive..."

Icon downlights, Tera in ground fittings, Taipan's (both recessed and surface mounted) and 'Section J' downlights were incorporated throughout the building. For the kitchen Richard wanted a linear solution suitable for the high ceiling, so the 'Linear Modular' unit was born.

The end result is a well and comfortably lit home with the capability of high light outputs normally associated with fluorescent and halogen lighting. Leslie Robertson contacted Digilin on several occasions since expressing her satisfaction with, and praise of the lighting products selected.



Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

ICON MINI 113

Fixed 13W LED Downlight
960 Lumens

Designed and Manufactured in Australia

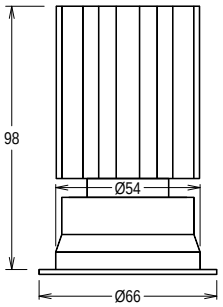
Digilin AUSTRALIA

ICON MINI 113

Fixed 13W LED Downlight
960 lumens

POWERFUL AND SMALL, AN ARCHITECTURAL FAVOURITE

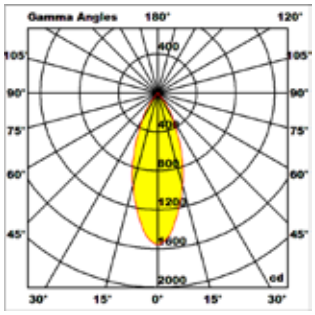
Use for residential or commercial for good lux levels where glare control is important



54 mm Ø

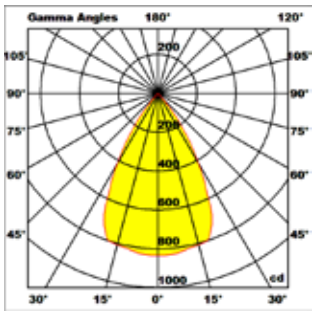
57 mm Ø
To suit clipsal 413QC

LIGHT DISTRIBUTION CURVE (CD) 42°



LUX DIAGRAM (LX) 42°

LIGHT DISTRIBUTION CURVE (CD) 60°



LUX DIAGRAM (LX) 60°

SPECIFICATIONS

Colours	3000K	4000K	5000K
Typical LED Lumen @Tj – 25°C	960	1055	1400
Luminaire Lumens @42° Beam Option	760	835	1110
Typical CRI	85		
MacAdam Ellipse	3 SDCM/MacAdam Steps		
Beam Option	42°, 60°		
Performance	70% lumen maintenance @ 50,000 Hrs (L70)		
Luminaire Power	13W (700mA @ 18.6V Nominal)		
Connected Load	15.0W		
IP Rating	IP40		
Material and Finish	Heat Sink: Extruded Aluminum Bezel & Body: Cast Aluminum* * Custom colour on request		
Power Supply	Mains Dimming: LPC-26700-MD DALI Dimming: LPC-LCAI-30700 Non Dimming: LPC-LCI-30700		
Power Factor	≥ 0.9		
Approval			
Weight	285g		

ORDERING CODES

ICON 113 — W30 — 42 — W — MD

- ICON 113 — Product Family
  - ICON MINI 113
- W30 — Colors
  - W30 3000K
  - W40 4000K
  - W50 5000K
- 42 — Beam
  - 42 42°
  - 60 60°
- W — Finish
  - W White
- MD — Dimming
  - MD Mains dimming

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

ICON 800 FAMILY

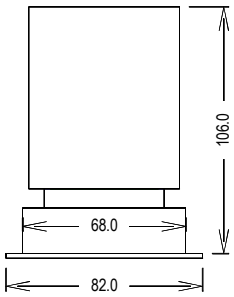
Adjustable 16W, 12W, 8W LED Downlights
1190, 955, 655 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

ICON 800 FAMILY

Adjustable 16W, 12W, 8W LED Downlights
1190, 955, 655 Lumens



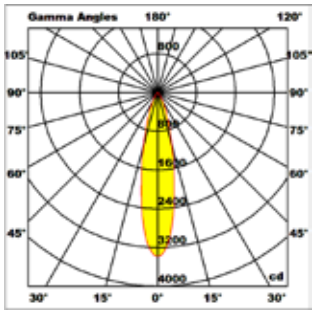
70 mm Ø

THE ORIGINAL AND STILL THE BEST

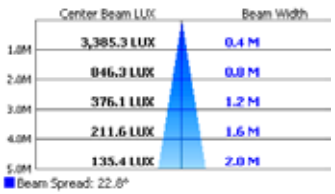
Highest output of its size available, still Australian made with a range of wattage options, surface mount and glare reduction accessories

Excellent for smooth wall washing and general light in commercial or residential especially, medium to higher ceiling heights

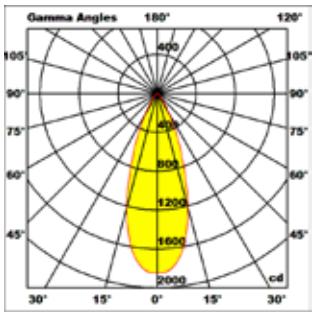
LIGHT DISTRIBUTION CURVE (CD) 22°



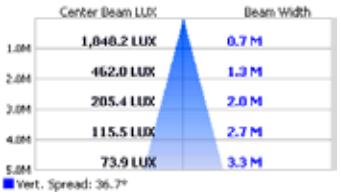
LUX DIAGRAM (LX) 22°



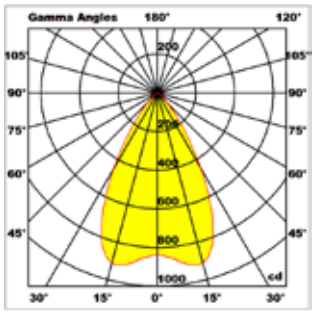
LIGHT DISTRIBUTION CURVE (CD) 22°



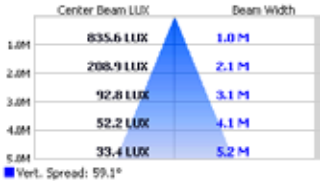
LUX DIAGRAM (LX) 22°



LIGHT DISTRIBUTION CURVE (CD) 22°



LUX DIAGRAM (LX) 22°



SPECIFICATIONS

Model	816	812	808
Colours	3000K, 3500K, 4000K, 5000K		
Typical LED Lumen @Tj – 25°C	1190, 1190, 1190, 1300	955, 955, 955, 1040	655, 655, 655, 720
Luminaire Lumens @60° Beam Option	900, 900, 900, 980	790, 790, 790, 860	505, 505, 505, 555
Typical CRI	85		
Beam Option	22°, 36°, 60°		
Performance	70% lumen maintenance @ 50,000 Hrs (L70)		
Luminaire Power	16W (700mA @ 23.1V Nominal)	11W (500mA @ 22V Nominal)	7.4W (350mA @ 21V Nominal)
Connected Load	18.2W	13.5W	9.9W
IP Rating	IP 40		
Material and Finish	Heat Sink: Extruded Aluminum Bezel & Body: Cast Aluminum* *Custom color on request		
Power Supply Mains Dimming DALI Dimming	LPC-26700-MD LPC-LCAI-30700	LPC-26500-MD LPC-LCAI-501050	LPC-52350-MD LPC-LCAI-30350
Power Factor	≥ 0.9		
Approval			
Weight	400g		

ORDERING CODES

ICON-816 – W30 – 22 – W – MD

Product Family
- ICON-816
- ICON-812
- ICON-808

Colors
- W30 3000K
- W35 3500K
- W40 4000K
- W50 5000K

Beam
- 22 22°
- 36 36°
- 60 60°

Finish
- W White
- S Specify

Dimming
- MD Mains dimming

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

ICON SERIES

Surface Mounting and Low Glare Accessories

Surface Mounted/ Vented Body

Large Glare Ring

Small Glare Ring

Designed and Manufactured in Australia

Digilin AUSTRALIA

ICON SERIES

Surface Mounting and Low Glare Accessories

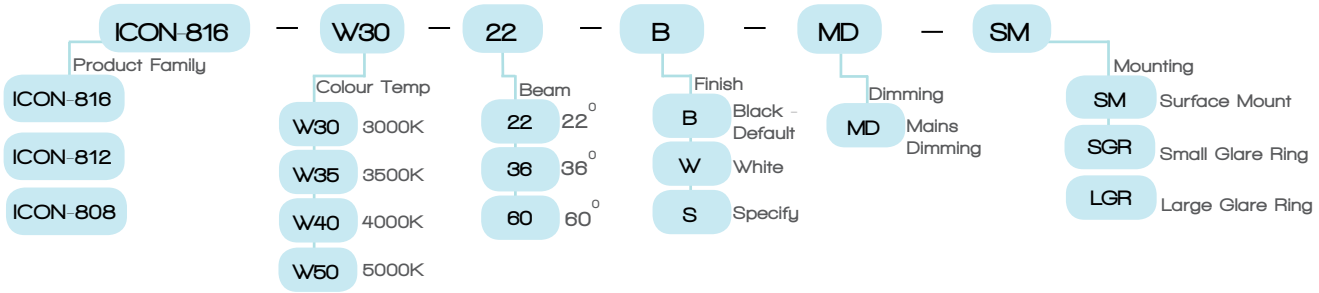
THE ICON SERIES OF DOWNLIGHTS MAY BE FITTED WITH ATTACHMENTS RENDERING THEM SUITABLE FOR SURFACE MOUNTING, OR TO REDUCE GLARE ACROSS THE CEILING PLANE

Standard colour is powder coated white, black or other colours to special order

SPECIFICATIONS

Model	Surface Mount	Small Glare Ring	Large Glare Ring
Dimensions (mm)	128mm x ø100mm OD	15mm x ø88mm OD	30mm x ø88mm OD
Material and Finish	Machined Aluminium* Black Powdercoat White Powdercoat *Custom colour on request		

ORDERING CODES



DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

LIBERTY 110

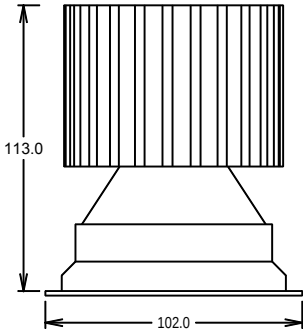
Fixed 10W LED Downlight
1200 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

LIBERTY-110

Fixed 10W LED Downlight
1200 Lumens



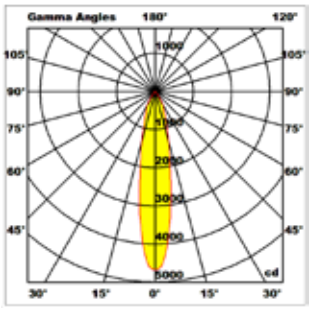
90 mm Ø

SUPERIOR PERFORMANCE AND LOW GLARE

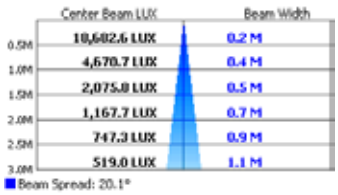
A better proposition than compact fluorescent

One of the best commercial downlights available for low medium or high ceilings, this 10 watt version has class leading L.O.R

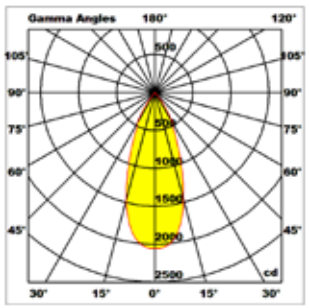
LIGHT DISTRIBUTION CURVE (CD) 18°



LUX DIAGRAM (LX) 18°

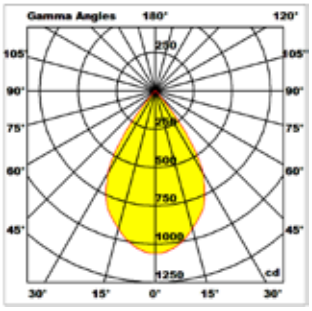


LIGHT DISTRIBUTION CURVE (CD) 35°



LUX DIAGRAM (LX) 35°

LIGHT DISTRIBUTION CURVE (CD) 64°



LUX DIAGRAM (LX) 64°

SPECIFICATIONS

Colours	3000K	4000K	5000K
Typical LED Lumen @Tj – 25°C	1230	1280	1300
Luminaire Lumens @64° Beam Option	950	990	1000
Typical CRI	85 (Option: 90 min CRI)		
MacAdams Ellipse	3 SDCM/MacAdam Steps		
Beam Option	18°, 35°, 64°		
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)		
Luminaire Power	9.2W (268mA @ 34.2V Nominal)		
Connected Load	11.2W		
IP Rating	IP 40 - without Window IP 54 - with Window		
Material and Finish	Heat Sink-Extruded Aluminium Bezel & Body-Cast Aluminium* *Custom colour on request		
Power Supply	Mains Dimming: LPC-52270-MD		
Power Factor	≥0.9		
Approval	CE SAA		
Weight	570g		

ORDERING CODES

LIBERTY 110	W30	18	W	MD
Product Family	Colors	Beam	Finish	Dimming
LIBERTY 110	W30 3000K	18 18°	W White	MD Mains dimming
	W40 4000K	35 35°	Specify custom finish	
	W50 5000K	64 64°		

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

LIBERTY 112

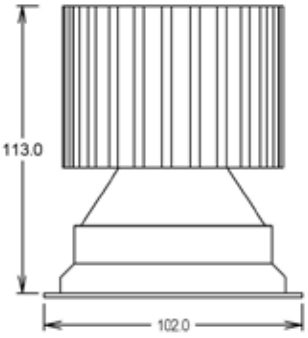
Fixed 12W LED Downlight
1630 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

LIBERTY-112

Fixed 12W LED Downlight
1630 Lumens



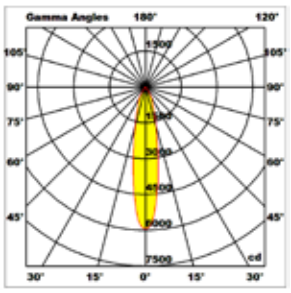
90 mm Ø

SUPERIOR PERFORMANCE AND LOW GLARE

A better proposition than compact fluorescent

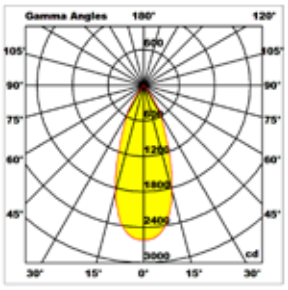
One of the best commercial downlights available for low medium or high ceilings, this 12 watt version has class leading L.O.R

LIGHT DISTRIBUTION CURVE (CD) 18°



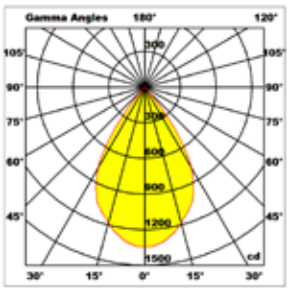
LUX DIAGRAM (LX) 18°

LIGHT DISTRIBUTION CURVE (CD) 35°



LUX DIAGRAM (LX) 35°

LIGHT DISTRIBUTION CURVE (CD) 64°



LUX DIAGRAM (LX) 64°

SPECIFICATIONS

Colours	3000K	4000K	5000K
Typical LED Lumen @Tj – 25°C	1630	1700	1730
Luminaire Lumens @64° Beam Option	1270	1320	1350
Typical CRI	85 (Option: 90 min CRI)		
MacAdams Ellipse	3 SDCM/MacAdam Steps		
Beam Option	18°, 35°, 64°		
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)		
Luminaire Power	12.1W (350mA @ 34.5V Nominal)		
Connected Load	14.7W		
IP Rating	IP 40 - without Window IP 54 - with Window		
Material and Finish	Heat Sink-Extruded Aluminium Bezel & Body-Cast Aluminium* *Custom colour on request		
Power Supply	Mains Dimming: LPC-52350-MD		
Power Factor	≥0.9		
Approval	CE SAA		
Weight	570g		

ORDERING CODES

LIBERTY 112 — W30 — 18 — W — MD

Product Family
- LIBERTY 112

Colors
- W30 3000K
- W40 4000K
- W50 5000K

Beam
- 18 18°
- 35 35°
- 64 64°

Finish
- W White
- Specify custom finish

Dimming
- MD Mains dimming

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

LIBERTY 118

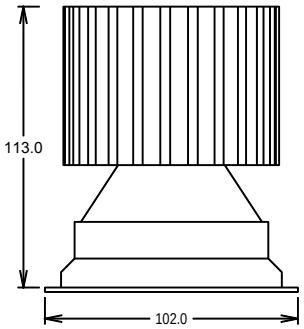
Fixed 18W LED Downlight
2050 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

LIBERTY-118

Fixed 18W LED Downlight
2050 lumens



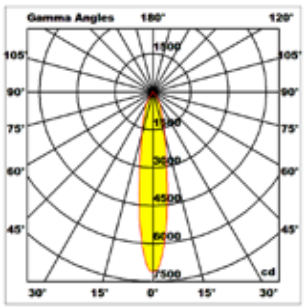
90 mm Ø

SUPERIOR PERFORMANCE AND LOW GLARE

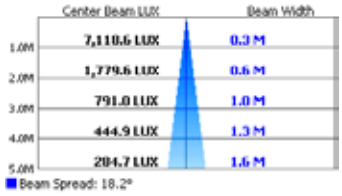
A better proposition than compact fluorescent

One of the best commercial downlights available for low medium or high ceilings, this 18 watt version has class leading L.O.R

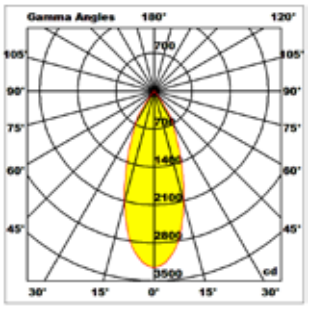
LIGHT DISTRIBUTION CURVE (CD) 18°



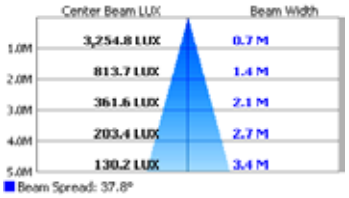
LUX DIAGRAM (LX) 18°



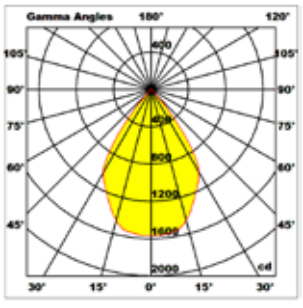
LIGHT DISTRIBUTION CURVE (CD) 35°



LUX DIAGRAM (LX) 35°



LIGHT DISTRIBUTION CURVE (CD) 64°



LUX DIAGRAM (LX) 64°

SPECIFICATIONS

Colours	3000K	4000K	5000K
Typical LED Lumen @Tj – 25°C	2050	2150	2150
Luminaire Lumens @64° Beam Option	1620	1690	1690
Typical CRI	85 (Option 90 min CRI)		
MacAdam Ellipse	3 SDCM/MacAdam Steps		
Beam Option	18°, 35°, 64°		
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)		
Luminaire Power	17W (500mA @ 33.9V Nominal)		
Connected Load	19.9W		
IP Rating	IP 40 - without Window IP 54 - with Window		
Material and Finish	Heat Sink-Extruded Aluminium Bezel & Body-Cast Aluminium* *Custom colour on request		
Power Supply	Mains Dimming: LPC-3650O-MD DALI Dimming: LPC-LCAI-501050		
Power Factor	≥0.9		
Approval	CE SAA		
Weight	570g		

ORDERING CODES

LIBERTY 118 — W30 — 18 — W — MD

Product Family
- LIBERTY 118

Colors
- W30 3000K
- W40 4000K
- W50 5000K

Beam
- 18 18°
- 35 35°
- 64 64°

Finish
- W White

Dimming
- MD Mains dimming
- DALI DALI dimming

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

LIBERTY 126

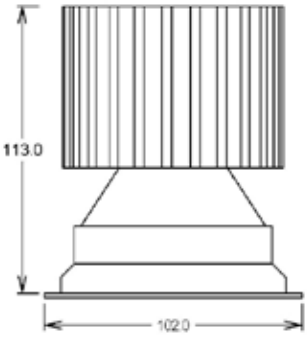
Fixed 26W LED Downlight
2700 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

LIBERTY-126

Fixed 26W LED Downlight
2700 Lumens



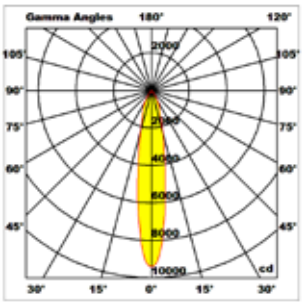
90 mm Ø

SUPERIOR PERFORMANCE AND LOW GLARE

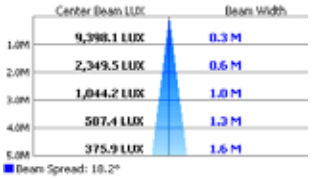
A better proposition than compact fluorescent

One of the best commercial downlights available for low medium or high ceilings, 26 watt version has class leading L.O.R

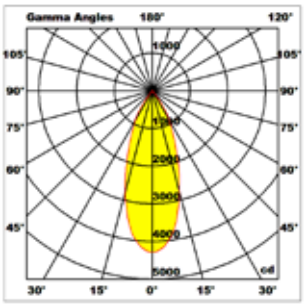
LIGHT DISTRIBUTION CURVE (CD) 18°



LUX DIAGRAM (LX) 18°

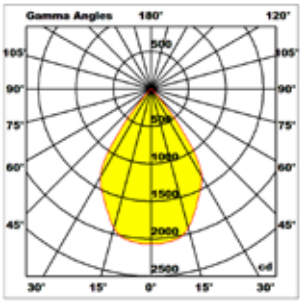


LIGHT DISTRIBUTION CURVE (CD) 35°

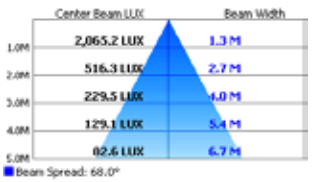


LUX DIAGRAM (LX) 35°

LIGHT DISTRIBUTION CURVE (CD) 64°



LUX DIAGRAM (LX) 64°



SPECIFICATIONS

Colours	3000K	4000K	5000K
Typical LED Lumen @ Tj – 25°C	2700	2800	2800
Luminaire Lumens @64° Beam Option	2140	2210	2210
Typical CRI	85 (Option: 90 min CRI)		
MacAdams Ellipse	3 SDCM/MacAdam Steps		
Beam Option	18°, 35°, 64°		
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)		
Luminaire Power	24.2W (700mA @ 34.6V Nominal)		
Connected Load	27.3W		
IP Rating	IP 40 - without Window IP 54 - with Window		
Material and Finish	Heat Sink-Extruded Aluminium Bezel & Body-Cast Aluminium* *Custom colour on request		
Power Supply	Mains Dimming: LPC-52700-MD DALI Dimming: LPC-LCAI-30700		
Power Factor	≥0.9		
Approval	RCM CE N WW F SAA		
Weight	570g		

ORDERING CODES

LIBERTY 126 – W30 – 18 – W – MD

Product Family
- LIBERTY 126

Colors
- W30 3000K
- W40 4000K
- W50 5000K

Beam
- 18 18°
- 35 35°
- 64 64°

Finish
- W White

Dimming
- MD Mains dimming
- DALI DALI dimming

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

FREEDOM 140

40 Watt Hi Output/ Low Glare LED Downlight
4800 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

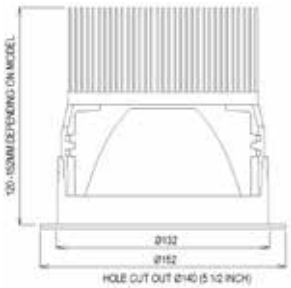
FREEDOM 140

40 Watt Hi Output/ Low Glare LED Downlight
4800 Lumens

METAL HALIDE ALTERNATIVE

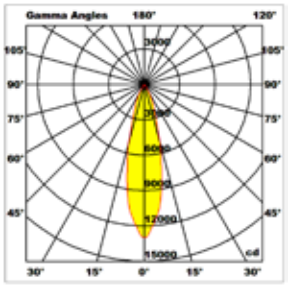
An excellent commercial, retail and hospitality downlight

Unbeatable for medium, high or very high ceilings and when maintenance is a problem

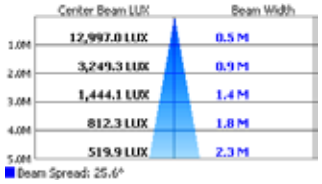


140 mm Ø

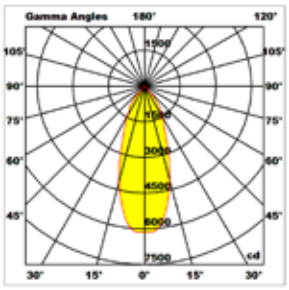
LIGHT DISTRIBUTION CURVE (CD) 26° ELG



LUX DIAGRAM (LX) 26° ELG

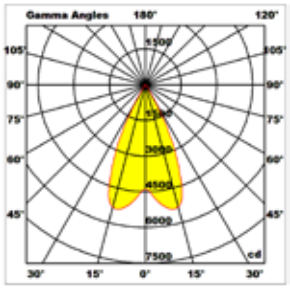


LIGHT DISTRIBUTION CURVE (CD) 38°

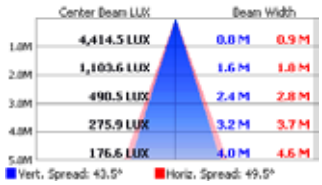


LUX DIAGRAM (LX) 38°

LIGHT DISTRIBUTION CURVE (CD) 52° ELG



LUX DIAGRAM (LX) 52° ELG



OTHER BEAM OPTIONS AVAILABLE - REFER DIGILIN.COM.AU

SPECIFICATIONS

Colours	3000K	4000K	5000K
Typical LED Lumen @Tj – 25°C	4800	5100	5100
Luminaire Lumens @52° Beam Option	3560	3780	3780
MacAdam Ellipse	3 SDCM/MacAdam Steps		
Typical CRI	85 (Option: 90 min CRI)		
Beam Option	18° Extra Low Glare, 26° Extra Low Glare, 52° Extra Low Glare, 32°, 38°, 44°, 46°		
Performance	70% lumen maintenance @ 50,000 Hrs (L70)		
Luminaire Power	37.2W (1050mA @ 35.4V Nominal)		
Connected Load	40.4W		
IP Rating	IP40		
Material and Finish	Heat Sink: Extruded Aluminum Bezel & Body: Cast Aluminum* * Custom colour on request		
Power Supply	DALI Dimming: LPC-LCAI-501050 Non Dimming: LPC-LCI-501050		
Power Factor	≥ 0.9		
Approval			
Weight	930g		

ORDERING CODES

FREEDOM 140 — W30 — 18ELG — W — MD

Product Family
- FREEDOM 140

Colors
- W30 3000K
- W40 4000K
- W50 5000K

Beam
- 18ELG 18° Extra Low Glare
- 26ELG 26° Extra Low Glare
- 52ELG 52° Extra Low Glare
- 32 32°
- 38 38°
- 44 44°
- 46 46°

Finish
- W White

Dimming
- MD Mains dimming
- DALI DALI dimming

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

HORIZON 112

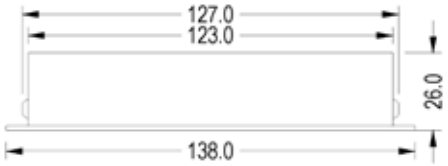
Fixed 12W Low Profile LED Downlight

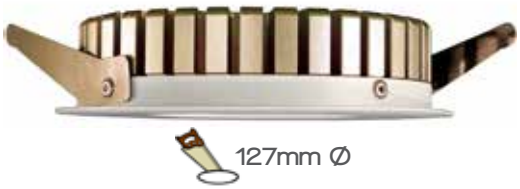
1050 Lumens

Digilin AUSTRALIA

HORIZON 112

Fixed 12W Low Profile LED Downlight
1050 Lumens

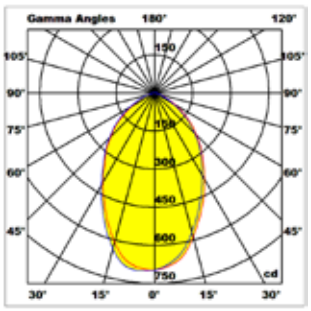




POWERFUL AND LOW PROFILE, AN ARCHITECTURAL FAVOURITE

Use for residential or commercial for good lux levels with minimal ceiling void space

LIGHT DISTRIBUTION CURVE (CD) 60°



LUX DIAGRAM (LX) 60°

SPECIFICATIONS

Colours	3000K	4000K	5000K
Typical LED Lumen @ Tj – 25°C	1400	1400	1400
Luminaire Lumens @60° Beam Option	1050	1050	1050
Typical CRI	85		
Beam Option	60°		
Performance	70% lumen maintenance @ 50,000 Hrs (L70)		
Luminaire Power	12.6W (350mA @ 36V Nominal)		
Connected Load	14.4W		
IP Rating	IP44		
Material and Finish	Heat Sink: Extruded Aluminum Bezel & Body: Cast Aluminum		
Power Supply	Mains Dimming: LPC-52350-MD		
Power Factor	≥ 0.9		
Weight	535g		
Approval			

ORDERING CODES

HORIZON 112 — W30 — 60 — W — MD

- HORIZON 112 — Product Family
- W30 — Colors: 3000K
- W40 — 4000K
- W50 — 5000K
- 60 — Beam: 60°
- W — Finish: White
- MD — Dimming: Mains dimming
- DALI — Dali dimming

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

MR16 LED

Saturn 3 MR16 LED Substitute
400 Lumens

Digilin
AUSTRALIA

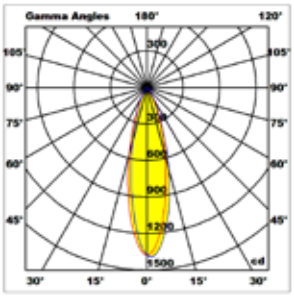
MR16 LED

Saturn 3 MR16 LED Substitute
400 Lumens

SUPERIOR PERFORMANCE AND FINE TUNED OPTICS

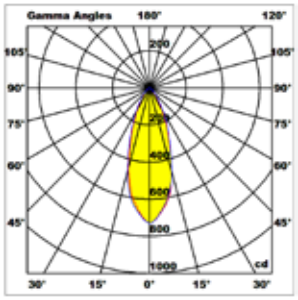
High-performance thermal heatsink shell in a traditional halogen form factor

LIGHT DISTRIBUTION CURVE (CD) 25°

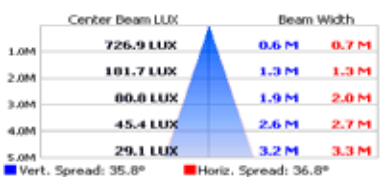


LUX DIAGRAM (LX) 25°

LIGHT DISTRIBUTION CURVE (CD) 38°



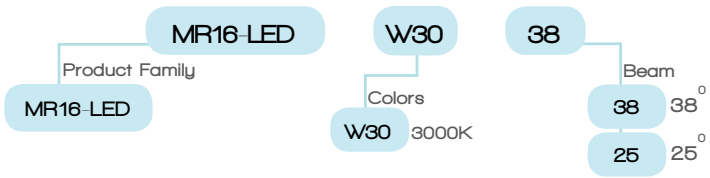
LUX DIAGRAM (LX) 38°



SPECIFICATIONS

Colours	3000K
Luminaire Lumens @38° Beam Option	400
Typical CRI	80
Beam Option	38°, 25° (Note: 25° Special Order Only)
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)
Luminaire Power	6W (500mA@12V AC/DC Nominal)
Dimming	No
IP Rating	IP40
Material and Finish	Heat Sink & Body-Cast Aluminium
Weight	45g
Approval	

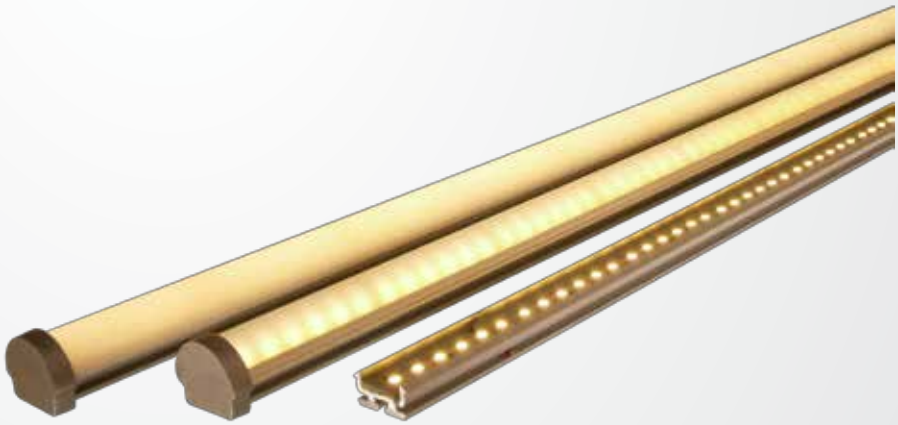
ORDERING CODES



DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

PROJECT LED

Low Cost, High Output with Outdoor Option
720 Lumens/ Metre



Designed and Manufactured in Australia

Digilin AUSTRALIA

PROJECT LED

Low Cost, High Output Outdoor Option

720 Lumens/ Metre

FULLY FEATURED WITH HEATSINK AND MULTIPLE LENS OPTIONS

Use in coffers, bulkheads, signs, building lineation or for task lighting where long run lengths are required

Weatherproof version available

SPECIFICATIONS

LED STRIP

Colours	3050K	4100K	6000K	Red 620 ~ 630nm	Green 520 ~ 535nm	Blue 465 ~ 475nm	Yellow 585 ~ 595nm
Typical Lumens/Metre	720	780	840	192	432	96	192
Typical CRI	80	80	75	-	-	-	-
LED Spacing	8.33mm						
Cut Off Lengths	50mm						
Beam Options	110°						
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)						
Power	24VDC @ 360mA per metre, (8.64W per metre)						

EXTRUSION

Covers & Lenses	Opal	Frosted	Clear	Clear 30°	Clear 60°	Clear 90°	Frosted 30°	Frosted 60°	Frosted 90°
LOR	61%	89%	94%	88%	90%	94%	88%	88%	94%
Max Length	2m								
Material and Finish	Extruded Aluminum, Clear Anodised								
IP Rating	IP40 IP65 Coating available								

ORDERING CODES

PRL — 1000 — W30 — C — M — -

Product Family
- PRL — PROJECT LED

Length in mm
- Specify mm

Colors
- W30 — 3000K
- W41 — 4100K
- W60 — 6000K
- B — Blue
- G — Green
- R — Red
- Y — Yellow

Beam
- C — Clear Cover
- F — Frosted Diffuser
- O — Opal Diffuser
- C30 — Clear 30° Lens
- C60 — Clear 60° Lens
- C90 — Clear 90° Lens
- F30 — Frosted 30° Lens
- F60 — Frosted 60° Lens
- F90 — Frosted 90° Lens

Coatings
- M — Mariner
- CC — Conformal Coating

End Caps
- - — None
- EC — End Cap

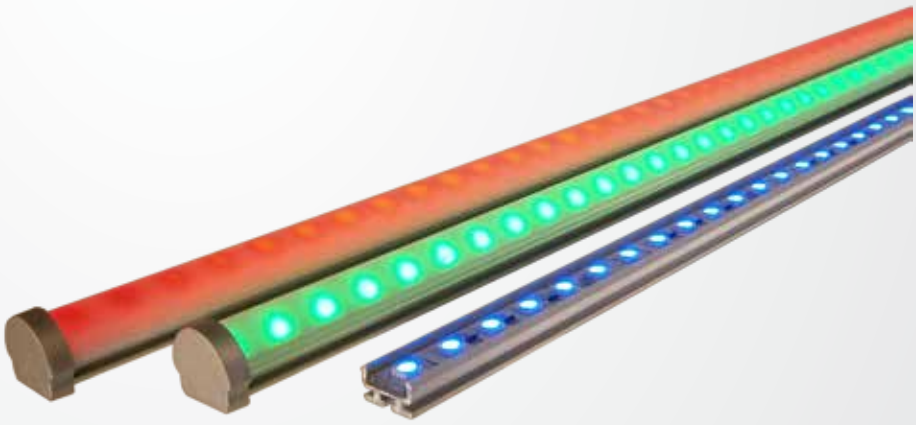
Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

PROJECT LED RGB

Low Cost, High Output with Outdoor Option

226 Lumens/ Metre



Designed and Manufactured in Australia

Digilin AUSTRALIA

PROJECT LED RGB

Low Cost, High Output Outdoor Option
226 Lumens/ Metre

FULLY FEATURED WITH HEATSINK AND MULTIPLE LENS OPTIONS

Use in coffers, bulkheads, signs, building lineation or for task lighting where long run lengths are required

Weatherproof version available

SPECIFICATIONS

LED STRIP

Colours	Red 620 ~ 630nm	Green 520 ~ 535nm	Blue 465 ~ 475nm	RGB Combined
Typical Lumens/Metre	57	130	38	226
LED Spacing	16.67mm			
Cut Off Lengths	100mm			
Beam Options	120°			
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)			
Power	Per Colour: 24VDC @ 200mA per metre, (4.8W per metre) RGB Combined: 24VDC @ 600mA per metre, (14.4W per metre)			

EXTRUSION

Covers & Lenses	Opal	Frosted	Clear	Clear 30°	Clear 60°	Clear 90°	Frosted 30°	Frosted 60°	Frosted 90°
LOR	61%	89%	94%	88%	90%	94%	88%	88%	94%
Max Length	2m								
Material and Finish	Extruded Aluminum								
IP Rating	IP40 IP65 Coating available								

ORDERING CODES

PRL — 1000 — RGB — C — M — EC

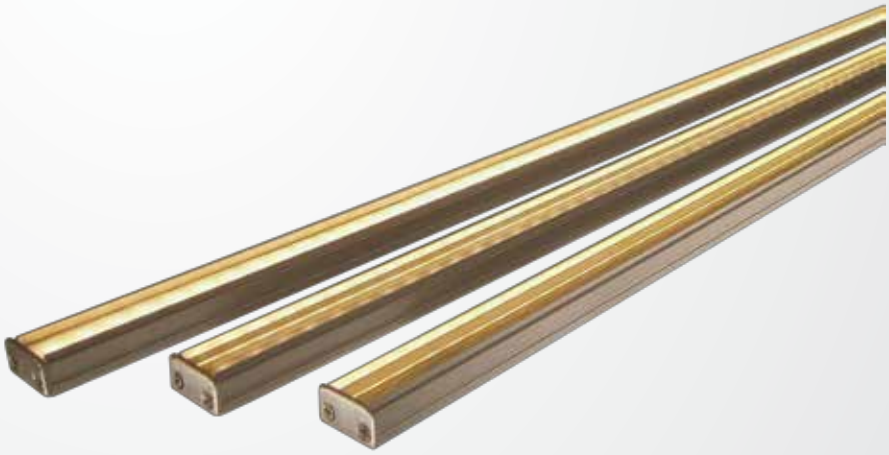
- PRL — Product Family: PROJECT LED
- 1000 — Length in mm: Specify mm
- RGB — Colors: RGB RGB
- C — Beam:
  - C — Clear Cover
  - F — Frosted Diffuser
  - O — Opal Diffuser
  - C30 — Clear 30° Lens
  - C60 — Clear 60° Lens
  - C90 — Clear 90° Lens
  - F30 — Frosted 30° Lens
  - F60 — Frosted 60° Lens
  - F90 — Frosted 90° Lens
- M — Coatings:
  - M — Mariner
  - CC — Conformal Coating
- EC — End Caps:
  - None
  - EC — End Cap

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

PROJECT MINI LED STRIP

Low Cost, High Output
720 Lumens/ Metre



Designed and Manufactured in Australia

Digilin AUSTRALIA

PROJECT MINI LED STRIP

Low Cost, High Output
720 Lumens/ Metre

DIMMABLE LED STRIPS ARE ULTRA-RELIABLE AND LOW PROFILE

Pre wired for easy connection and are mounted in extrusion with optional covers. use in coffers, bulkheads and task lighting

SPECIFICATIONS

LED STRIP

Colours	3050K	4100K	6000K	Red 620 ~ 630nm	Green 520 ~ 535nm	Blue 465 ~ 475nm	Yellow 585 ~ 595nm
Typical Lumens/Metre	720	780	840	192	432	96	192
Typical CRI	80	80	75	-	-	-	-
LED Spacing	8.33mm						
Cut Off Lengths	50mm						
Beam Options	110°						
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)						
Power	24VDC @ 360mA per metre, (8.64W per metre)						

EXTRUSION

Covers & Lenses	Opal	Clear
LOR	61%	94%
Max Length	Extrusion: 3m Cover: 2.4m	
Material and Finish	Extruded Aluminum, Clear Anodised	
IP Rating	IP40	

ORDERING CODES

PML — 1000 — W30 — C

- PML — Product Family: PROJECT MINI LED
- 1000 — Length in mm: Specify mm
- W30 — Colors:
  - W30 3000K
  - W41 4100K
  - W60 6000K
  - B Blue
  - G Green
  - R Red
  - Y Yellow
- C — Beam:
  - C Clear Cover
  - O Opal Diffuser

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

TRIPOWER LED STRIP

Big Output with Modest Dimensions

1040 Lumens/ Metre

Designed and Manufactured in Australia

Digilin AUSTRALIA

TRIPOWER LED STRIP

Big Output with Modest Dimensions
1040 Lumens/ Metre

TEAM IT WITH ONE OF OUR LENSES FOR EVEN BETTER PERFORMANCE

Use for wall or ceiling grazing or when a high level of direct and indirect light is required

Weatherproof version available

SPECIFICATIONS

LED STRIP

Colours	2900K	4300K	5300K
Typical Lumens/Metre	1040	1350	1150
Typical CRI	80	80	75
LED Spacing	13.9mm		
Cut Off Lengths	27.8mm		
Beam Options	110°		
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)		
Power	24VDC @ 720mA per metre, (17.28W per metre)		

EXTRUSION

Covers & Lenses	Opal	Frosted	Clear	Clear 30°	Clear 60°	Clear 90°	Frosted 30°	Frosted 60°	Frosted 90°
LOR	61%	89%	94%	88%	90%	94%	88%	88%	94%
Max Length	2m								
Material and Finish	Extruded Aluminum, Clear Anodised								
IP Rating	IP40 IP65 Coating available								

ORDERING CODES

JTPL — 1000 — W29 — C — M — –

- JTPL — Product Family: JAVELIN TRIPOWER LED
- 1000 — Length in mm: Specify mm
- W29 — Colors:
  - W29 2900K
  - W43 4300K
  - W53 5300K
- C — Beam:
  - C Clear Cover
  - F Frosted Diffuser
  - O Opal Diffuser
  - C30 Clear 30° Lens
  - C60 Clear 60° Lens
  - C90 Clear 90° Lens
  - F30 Frosted 30° Lens
  - F60 Frosted 60° Lens
  - F90 Frosted 90° Lens
- M — Coatings:
  - M Mariner
  - CC Conformal Coating
- – — End Caps:
  - – None
  - EC End Cap

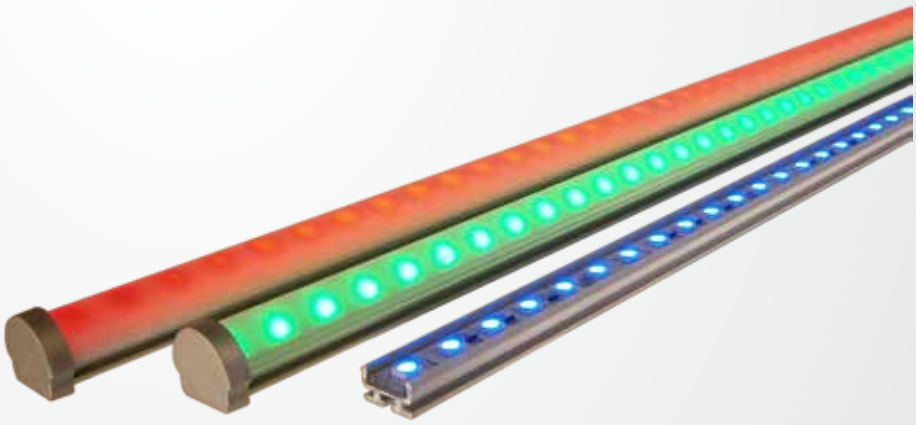
Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

HARLEQUIN RGB LED STRIP

High Output with Outdoor Option

548 Lumens/ Metre



Designed and Manufactured in Australia

Digilin AUSTRALIA

HARLEQUIN RGB LED STRIP

High Output with Outdoor Option
548 Lumens/ Metre

FULLY FEATURED WITH HEATSINK AND MULTIPLE LENS OPTIONS

Use in coffers, bulkheads, signs, building lineation or for task lighting where long run lengths are required

Weatherproof version available

SPECIFICATIONS

LED STRIP

Colours	Red 620 ~ 630nm	Green 520 ~ 535nm	Blue 465 ~ 475nm	RGB Combined
Typical Lumens/Metre	172	290	104	548
LED Spacing	13.9mm			
Cut Off Lengths	83.3mm			
Beam Options	110°			
Power	Per Colour: 24VDC @ 240mA per metre, (5.8W per metre) RGB Combined: 24VDC @ 720mA per metre, (17.3W per metre)			
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)			

EXTRUSION

Covers & Lenses	Opal	Frosted	Clear	Clear 30°	Clear 60°	Clear 90°	Frosted 30°	Frosted 60°	Frosted 90°
LOR	61%	89%	94%	88%	90%	94%	88%	88%	94%
Max Length	2m								
Material and Finish	Extruded Aluminum								
IP Rating	IP40 IP65 Coating available								

ORDERING CODES

JHRGB — 1000 — C — M — –

Product Family
- JHRGB — Javelin Harlequin RGB

Length in mm
- Specify mm

Beam
- C — Clear Cover
- F — Frosted Diffuser
- O — Opal Diffuser
- C30 — Clear 30° Lens
- C60 — Clear 60° Lens
- C90 — Clear 90° Lens
- F30 — Frosted 30° Lens
- F60 — Frosted 60° Lens
- F90 — Frosted 90° Lens

Coatings
- M — Mariner
- CC — Conformal Coating

End Caps
- – — None
- EC — End Cap

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

PALETTE RGBW LED STRIP

High Output with Outdoor Option

1070 Lumens/ Metre

Designed and Manufactured in Australia

Digilin AUSTRALIA

PALETTE RGBW LED STRIP

High Output with Outdoor Option
1070 Lumens/ Metre

FULLY FEATURED WITH HEATSINK AND MULTIPLE LENS OPTIONS

Use in coffers, bulkheads, signs, building lineation or for task lighting, where superior performance with a true white setting is required

Weatherproof version available

SPECIFICATIONS

LED STRIP

Colours	Red 620 ~ 630nm	Green 520 ~ 535nm	Blue 465 ~ 475nm	White W30 3050K	White W41 4100K	White W60 6000K
Typical Lumens/Metre	115	193	69	693	900	767
LED Spacing	10.42mm between adjacent LEDs 20.84mm between same colour LED					
Cut Off Lengths	125mm					
Beam Options	110°					
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)					
Power	Per Colour: 24VDC @ 160mA per metre, (3.84W per metre)			White: 24VDC @ 480mA per metre (11.52W per metre)		
	RGB Combined: 24VDC @ 960mA per metre, (23.04W per metre)					

EXTRUSION

Covers & Lenses	Opal	Frosted	Clear	Clear 30°	Clear 60°	Clear 90°	Frosted 30°	Frosted 60°	Frosted 90°
LOR	61%	89%	94%	88%	90%	94%	88%	88%	94%
Max Length	2m								
Material and Finish	Extruded Aluminum								
IP Rating	IP40 IP65 Coating available								

ORDERING CODES

JPRGBW — W30 — 1000 — C — M — _

Product Family
- JPRGBW — Javelin Palette RGBW

Colour Temp
- W30 — 3050K
- W41 — 4100K
- W60 — 6000K

Length in mm
- Specify — mm

Beam
- C — Clear Cover
- F — Frosted Diffuser
- O — Opal Diffuser
- C30 — Clear 30° Lens
- C60 — Clear 60° Lens
- C90 — Clear 90° Lens
- F30 — Frosted 30° Lens
- F60 — Frosted 60° Lens
- F90 — Frosted 90° Lens

Coatings
- M — Mariner
- CC — Conformal Coating

End Caps
- _ — None
- EC — End Cap

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

STAIRNOSE LED

Illuminated Stairnosing

720 Lumens/ Metre

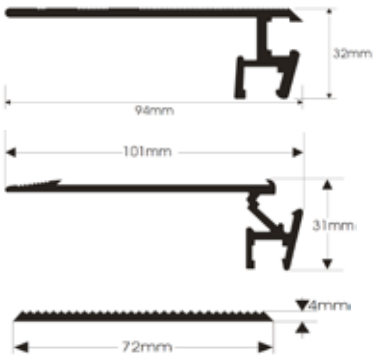
Designed and Manufactured in Australia

Digilin AUSTRALIA

STAIRNOSE LED

Illuminated Stairnosing

720 Lumens/ Metre



STAIRNOSE LED FOR COMMERCIAL APPLICATIONS

Extruded aluminum incorporating quality LED strip lighting and polycarbonate lenses

Both models have up and down lighting components; use both or either, the choice is yours. Blanking lenses available

SPECIFICATIONS

LED STRIP

Colours	3050K	4100K	6000K	Red 620~630nm	Green 520~535nm	Blue 465~475nm	Yellow 585~595nm
Typical Lumens/Metre Single Strip	720	780	840	192	432	96	192
Typical CRI	80	80	75	-	-	-	-
LED Spacing	8.33mm						
Cut Off Lengths	50mm						
Beam Options	110°						
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)						
Power	Single Strip: 24VDC @ 360mA per metre, (8.4W per metre) Dual Strip: 24VDC @ 720mA per metre, (17.28W per metre)						

EXTRUSION AND PVC TREAD INSERT

Covers & Lenses	Opal	Clear	Blue	Green	Red	Amber
LOR	61%	94%	-	-	-	-
Max Length	2m					
Material and Finish	Extruded Aluminum, Clear Anodised, Powder Coated Colours* Special Order					
PVC Tread Insert	Black, Light Grey, Light Brown, Dark Brown					
IP Rating	IP40					

ORDERING CODES

SN-90 — 1000 — W30 — W30 — C — C — B

Product Family
- SN-90 Stairnose 90
- SN-45 Stairnose 45

Length in mm
- Specify mm

Up Colors
- W30 3000K
- W41 4100K
- W60 6000K
- B Blue
- G Green
- R Red
- Y Yellow

Down Colors
- W30 3000K
- W41 4100K
- W60 6000K
- B Blue
- G Green
- R Red
- Y Yellow

Up Lens Colour
- C Clear
- O Opal
- B Blue
- G Green
- R Red
- A Amber

Down Lens Colour
- C Clear
- O Opal
- B Blue
- G Green
- R Red
- A Amber

PVC Tread Inserts
- B Black
- LG Light Grey
- LB Light Brown
- DB Dark Brown

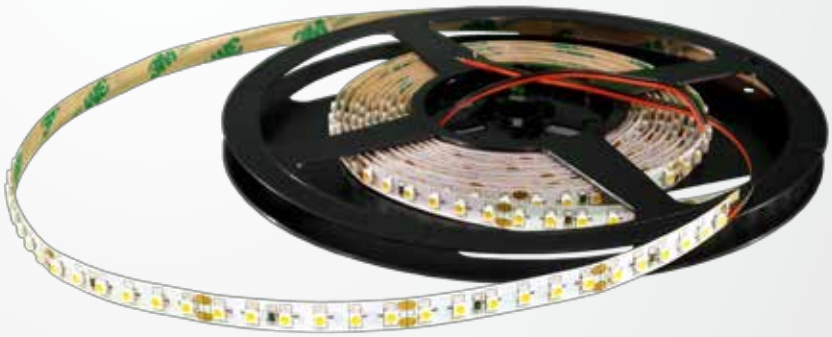
Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

ULTRAFLEX LED STRIP

Highest Lumen Output of its type

720 Lumens/ Metre



ULTRAFLEX LED STRIP

Highest Lumen Output of its type
720 Lumens/ Metre

A STAND OUT DIMMABLE FLEXIBLE STRIP

Use in joinery work, coffers, cabinets or any place where high output for low capital cost is required

Weatherproof version available

SPECIFICATIONS

LED STRIP

Colours	3050K	4100K	6000K	Red 620~630nm	Green 520~535nm	Blue 465~475nm	Yellow 585~595nm
Typical Lumens/Metre	720	780	840	192	432	96	192
Typical CRI	80	80	75	-	-	-	-
LED Spacing	8.33mm						
Cut Off Lengths	50mm						
Reel Length	4000mm						
Beam Options	110°						
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)						
Power	24VDC @ 360mA per metre, (8.64W per metre)						

ORDERING CODES

UFL4000 — W30

UFL4000: Product Family - length in mm
ULTRAFLEX LED 4000

W30: Colours

W30	3000K
W41	4100K
W60	6000K
B	Blue
G	Green
R	Red
Y	Yellow

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

ULTRAFLEX RGB LED STRIP

Highest Lumen Output of its type

226 Lumens/ Metre

Digilin AUSTRALIA

ULTRAFLEX RGB LED STRIP

Highest Lumen Output of its type
226 Lumens/ Metre

A STAND OUT DIMMABLE FLEXIBLE STRIP

Use in joinery work, coffers, cabinets or any place where high output for low capital cost is required

SPECIFICATIONS

LED STRIP

Colours	Red 620~630nm	Green 520~535nm	Blue 465~475nm	RGB Combined
Typical Lumens/Metre	57.6	130.4	38.4	226
LED Spacing	16.67mm			
Cut Off Lengths	100mm			
Reel Length	5000mm			
Beam Options	110°			
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)			
Power	Per Colour: 24VDC @ 200mA per metre, (4.8W per metre) RGB Combined: 24VDC @ 600mA per metre, (14.4W per metre)			

ORDERING CODES

UFL5000-RGB

Product Family length in mm

ULTRAFLEX LED 5000 - RGB

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

ULTRAFLEX IP67 LED STRIP

Highest Lumen Output of its type
360 Lumens/ Metre

Digilin
AUSTRALIA

ULTRAFLEX IP67 LED STRIP

Highest Lumen Output of its type
720 Lumens/ Metre

A STAND OUT IP67, DIMMABLE FLEXIBLE STRIP

Use in exterior locations, or any place where flexibility is required to follow shapes and contours

SPECIFICATIONS

LED STRIP

Colours	3050K	4100K	6000K
Typical Lumens/Metre	360	390	420
Typical CRI	80	80	75
LED Spacing	16.54mm		
Cut Off Lengths	-		
Reel Length	5000mm		
Beam Options	110°		
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)		
Power	12VDC @ 320mA per metre, (3.84W per metre)		

ORDERING CODES

UFL67-5000 — W30

Product Family length in mm

ULTRAFLEX LED IP67-5000

Colours

W30	3000K
W41	4100K
W60	6000K

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

TRIFLEX IP67 LED STRIP

Highest Lumen Output of its type

800 Lumens/ Metre

TRIFLEX IP67 LED STRIP

Highest Lumen Output of its type
800 Lumens/ Metre

A STAND OUT IP67, HIGH OUTPUT DIMMABLE FLEXIBLE STRIP

Use in exterior locations, or any place where flexibility and high output is required to follow shapes and contours

SPECIFICATIONS

LED STRIP

Colours	3050K	4100K	6000K
Typical Lumens/Metre	800	910	1015
Typical CRI	80	80	75
LED Spacing	16.67mm		
Cut Off Lengths	-		
Reel Length	5000mm		
Beam Options	110°		
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)		
Power	12VDC @ 1A per metre, (12W per metre)		

ORDERING CODES

TFL67-5000 — W30

Product Family length in mm
TRIFLEX LED IP67-5000

Colours
W30 3050K
W41 4100K
W60 6000K

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

SLIMLED

Stylish, Flat and IP Rated
740 Lumens/ Metre

Digilin
AUSTRALIA

SLIMLED

Stylish, Flat and IP Rated
740 Lumens/ Metre

SUITABLE FOR ALL OUTDOOR APPLICATIONS

Use in signs, building and feature lineation

SPECIFICATIONS

LED STRIP

Colours	3050K	4100K	6000K	Green 520~535nm	Blue 465~475nm	RGB	Yellow 585~595nm	Red 620~630nm
Typical Lumens/Metre	740	740	960	640	220	320	183	250
Typical CRI	80	80	75	-	-	-	-	
LED Spacing	18.75mm					21.43mm	18.75mm	
Beam Options	110°							
Performance	70% Lumen Maintenance @ 50,000 Hrs (L70)							
Power	24VDC @ 510mA per metre, (12.25W per metre)					24VDC @ 400mA per metre, (9.6W per metre)	15VDC @ 510mA per metre, (7.7W per metre)	

EXTRUSION

Max Length	320mm, 470mm, 620mm, 920mm, 1220mm
Material and Finish	Extruded Aluminum, Clear Anodised
IP Rating	IP65

ORDERING CODES

SL — 320 — W30

Product Family
- SL — SlimLED

Length in mm
- 320 — 320mm
- 470 — 470mm
- 620 — 620mm
- 920 — 920mm
- 1220 — 1220mm

Colors
- W30 — 3050K
- W41 — 4100K
- W60 — 6000K
- B — Blue
- G — Green
- R — Red
- Y — Yellow
- RGB — RGB

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

MARINER OUTDOOR OPTION

For LED Boards

THE MARINER OUTDOOR OPTION FOR ALL DIGILIN LED STRIPS COMPRISES OF THE JAVELIN EXTRUSION AND THE SEALING OF THE ELECTRONIC BOARD IN A CLEAR, UV STABLE, NON HARDENING MATERIAL

Coventionally sealed strips rely on Resin or Silicates to encase the LED board; neither having a reliable long lasting effect, as Silicates break down, discolour and leach moisture.

Resin will separate from the surfaces it is in contact with after it has heated and cooled several times, (being an inflexible material), thus allowing moisture to eventually come between those surfaces. Additionally, most resins do not offer UV stability

Project Mariner with Clear, soft, UV stable polyeurethane sealant

WHY IS THE DIGILIN MARINER OPTION SUPERIOR?

Digilin uses a non hardening, patented polyeurethane that provides a flexible 'bath' in which the board may operate without any breaking down of the seal between any of the surfaces. This material has the ability to be crushed, or dented, and will return to its original, un-deformed shape

Most Digilin board variants may be used with Mariner option

HOW TO SPECIFY/ORDER?

Once you have decided what LED board to use, simply suffix with JAV/MAR

This indicates the addition of Javelin heatsink extrusion and the Mariner clear bath
For example, If the Micro Power Led is chosen (as illustrated):

'Digilin MicroPower LED/Jav/Mar (and the run length)' If a diffuser or lens is required, please see the Javelin data sheet

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

JAVELIN EXTRUSION FAMILY

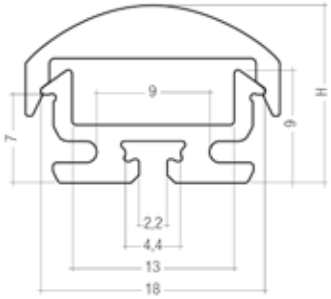
For LED Strips

THE JAVELIN RANGE OF EXTRUSION AND DIFFUSER/ LENS COMBINATIONS OFFER UNRIVALLED CHOICES TO THE LIGHTING DESIGNER:

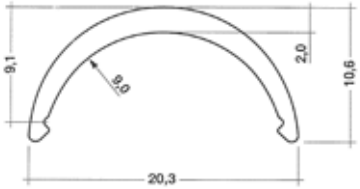
Choose from Linear Optic Convex lenses in 30, 60 or 90 degree spreads; Opal, Semi Opal or clear diffusers

No other LED manufacturer offers combination of strip and lens options that Digilin provides

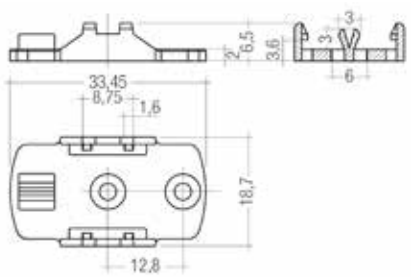
JAVELIN END VIEW



TYPICAL DIFUSER DIMENSIONS



JAVELIN MOUNTING CLIP



SPECIFICATIONS

Base - Extruded Aluminium finned heat sink
Mounting Clip - moulded acrylic
Diffuser - Moulded Acrylic
IP Rating - IP44
Lengths - any length up to two metres then butt join

Optic lenses and Diffuser choices
Clear or Frost 30 degree (part number Javelin C30 or F30)
Clear or Frost 60 degree (part number Javelin C60 or F60)
Clear or Frost 90 degree (part number Javelin C90 or F90)
Opal Diffused (part number Javelin O)
Frosted Diffused (part number Javelin F)
Clear (part number Javelin C)

Additional information
The Javelin extrusion acts as a heat sink for the Digilin MicroPower, TriPower and PowerLed products; no further heat management is required
Javelin is designed for indoor, or under cover use and may be optioned up for outdoor use

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

LINEAR POWER MODULAR

Fluorescent Alternative - Class Leading Lumen Output

3200 Lumens/ Metre

Designed and Manufactured in Australia

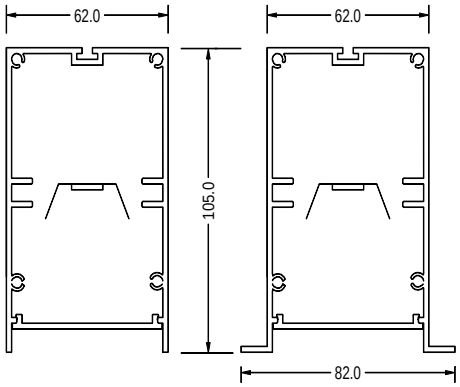
Digilin AUSTRALIA

LINEAR POWER MODULAR

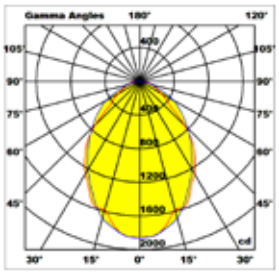
Fluorescent Alternative – Class Leading Lumen Output
3200 Lumens/Metre

FLUORESCENT ALTERNATIVE – CLASS LEADING LUMEN OUTPUT

Equally efficient in retail, commercial and residential projects



LIGHT DISTRIBUTION CURVE (1200-W40)



LUX DIAGRAM (LX) (1200-W40)

SPECIFICATIONS

Lengths	900mm	1200mm	1500mm
Colours	3000K, 4000K, 5000K		
Typical LED Lumens @ TJ – 25°C	3650	4870	6090
Typical Luminaire Lumens/ Length	2880	3830	4800
Typical CRI	85		
Beam Option	80°		
Performance	70% lumen maintenance @ 50,000 Hrs (L70)		
Luminaire Power	28.8W	38.4W	48W
Connected Load	32W	45W	52W
IP Rating	IP44		
Material and Finish	Body: Clear Anodised Aluminum Powder Coating: Colour by request Window: Polycarbonate		
Power Supply	220 – 240VAC Dali Dimming Optional		
Power Factor	≥ 0.9		
Weight	3.2kg	4.2kg	5.3kg
Suspension Kit Options	Wire, Rod & Recessed		
Approvals			

ORDERING CODES

LPM – 900 – S – 62x105 – W30 – CR – _ – _

- LPM — Product Family: LPM — Linear Power Modular
- 900 — Length: 900 — 900mm; 1200 — 1200mm; 1500 — 1500mm
- S — Profile: S — Surface Mount; R — Recessed
- 62x105 — Size: 62x105 — 62mm x 105mm
- W30 — Colour: W30 — 3000°K; W40 — 4000°K; W50 — 5000°K
- CR — Window: CR — Clear Reeded; FR — Frosted Reeded
- _ — Dimming: _ — None; DALI — DALI dimming
- _ — Housing Colour: _ — Clear Anodised; Specify — Powder Coating

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

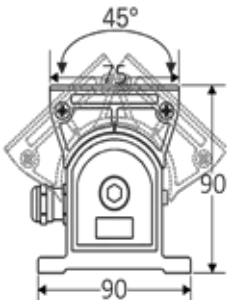
EXCALIBUR

High Output Flood Light

Designed and Manufactured in Australia

Digilin AUSTRALIA

EXCALIBUR
High Output Flood Light



POWERFUL BEAM WITH MULTIPLE LENS OPTIONS

Use in exterior and interior commercial buildings and signage

CREE Superior quality and performance guarantee

SPECIFICATIONS

Colours		3000K	4000K		5000K	
Typical CRI		85	75	85	75	85
Typical Luminaire Lumens/ Length	600mm	2030	2310	2030	2460	2030
	900mm	3045	3465	3045	3690	3045
	1200mm	4060	4620	4060	4920	4060
	1500mm	5075	5770	5075	6150	5075
Led Spacing		21.6mm				
Beam Option		11°, 13°, 30°, 47°, 66°, 72°, 40° x 13°				
Performance		70% Lumen maintenance @ 50,000 Hrs (L70)				
Version		600mm	900mm	1200mm	1500mm	
Connected Load		29W	41W	55W	68W	
Weight		3.6kg	4.9kg	6.25kg	7.47kg	
IP Rating		IP65				
Material and Finish		Housing – Cast Aluminium body Window - Toughened glass				
Power Supply		220-240V ± 10% 50/60Hz				
Dimming		DALI/DSI				
Power Factor		≥ 0.95				
Approvals		CE				

ORDERING CODES

EXC — 600 — W30 — 11

Product Family
- EXC — Excalibur

Length in mm
- 600 — 600mm
- 900 — 900mm
- 1200 — 1200mm
- 1500 — 1500mm

Colour Temp
- W30 — 3000K
- W4075 — 4000K CRI 75
- W4085 — 4000K CRI 85
- W5075 — 5000K CRI 75
- W5085 — 5000K CRI 85

Beam
- 11 — 11° Lens
- 13 — 13° Lens
- 30 — 30° Lens
- 47 — 47° Lens
- 66 — 66° Lens
- 72 — 72° Lens
- 40x13 — 40° x 13° Lens

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

EXCALIBUR RGB & RGBW

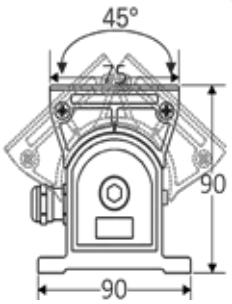
High Output Flood Light

Designed and Manufactured in Australia

Digilin AUSTRALIA

EXCALIBUR RGB & RGBW

High Output Flood Light



POWERFUL BEAM WITH MULTIPLE LENS OPTIONS

Use in exterior and interior commercial buildings and signage

CREE Superior quality and performance guarantee

SPECIFICATIONS

		Red	Green	Blue	White 4K	White 3K	RGB or RGBW Combined
RGB Typical Luminaire Lumens / length	600mm	372	600	216	-	-	1188
	900mm	558	900	324	-	-	1782
	1200mm	744	1200	432	-	-	2376
	1500mm	930	1500	540	-	-	2970
RGBW 4K Typical Luminaire Lumens / length	600mm	279	450	162	480	-	1371
	900mm	419	675	243	720	-	2057
	1200mm	558	900	324	960	-	2742
	1500mm	698	1125	405	1200	-	3428
RGBW 3K Typical Luminaire Lumens / length	600mm	279	450	162	-	426	1317
	900mm	419	675	243	-	639	1976
	1200mm	558	900	324	-	852	2634
	1500mm	698	1125	405	-	1065	3293
Typical CRI		-	-	-	75	80	-
Beam Option		11°, 13°, 30°, 47°, 66°, 72°, 40° x 13°					
Performance		70% Lumen maintenance @ 50,000 Hrs (L70)					

		600mm	900mm	1200mm	1500mm
Version					
Connected Load	RGB	26W	37W	50W	61W
	RGBW 4K / 3K	27W	38W	51W	62W
Weight		3.6kg	4.9kg	6.25kg	7.47kg

IP Rating	IP65
Material and Finish	Housing – Cast Aluminium body Window – Toughened glass
Power Supply	120-277V ± 10% 50/60Hz
Dimming	DALI and DMX512A-RDM
Power Factor	≥ 0.9
Approval	CE

ORDERING CODES

EXC – 600 – RGB – 11

Product Family
- EXC — Excalibur

Length in mm
- 600 — 600mm
- 900 — 900mm
- 1200 — 1200mm
- 1500 — 1500mm

Colour Temp
- RGB — RGB
- RGBW30 — RGBW 3K
- RGBW40 — RGBW 4K

Beam
- 11 — 11° Lens
- 13 — 13° Lens
- 30 — 30° Lens
- 47 — 47° Lens
- 66 — 66° Lens
- 72 — 72° Lens
- 40x13 — 40° x 13° Lens

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

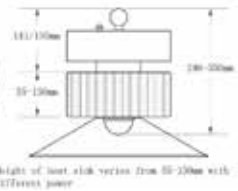
HELIOS PRO

High Bay Professional 80W> 300W
8000 Lumens > 30000 Lumens

Digilin
AUSTRALIA

HELIOS PRO

High Bay Professional 80W > 300W
8000 Lumens > 30000 Lumens



PROFESSIONAL HI BAY WITH CLASS LEADING LUMEN OUTPUT

Highest output of its type available, equally efficient in retail and commercial projects

PHILIPS LUMILEDS Superior quality and performance guarantee

SPECIFICATIONS

Model	HEP80	HEP100	HEP130	HEP160	HEP200	HEP250	HEP300
Colours	3000K, 4000K, 5700K						
Luminaire Lumens	8000	10000	13000	16000	20000	25000	30000
Typical CRI	70-75						
Beam Options	45°, 90°, 120° *Refer Reflectors below						
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)						
Luminaire Power	72W	90W	117W	144W	180W	225W	270W
Connected Load	80W	100W	130W	160W	200W	250W	300W
IP Rating	IP40 IP65* Contact Digilin for details						
Material and Finish	Anodised Aluminium						
Power Factor	≥0.95						
Weight	5kg	5kg	5kg	5.5kg	7.5kg	9kg	9.5kg
Dimensions (mm)	ø283 x 196	ø283 x 196	ø283 x 196	ø283 x 211	ø283 x 255	ø283 x 300	ø283 x 300
Dimming	No Dimming 0 10V/ DALI Dimming Optional						

CE RoHS SAA

REFLECTORS

Beam	45°	90°	120°
Material	Polycarbonate/ Aluminium	Aluminium	Aluminium
Dimensions (mm)	ø420 x 252	ø500 x 188	ø500 x 138
Weight	1kg		

ORDERING CODES

HEP80 — W30 — 45AL — – — –

- HEP80 — Product Family
  - HEP80 — 80 Watt
  - HEP100 — 100 Watt
  - HEP130 — 130 Watt
  - HEP160 — 160 Watt
  - HEP200 — 200 Watt
  - HEP250 — 250 Watt
  - HEP300 — 300 Watt
- W30 — Colour
  - W30 — 3000K
  - W40 — 4000K
  - W57 — 5700K
- 45AL — Beam
  - 45AL — 45° Aluminium
  - 45PC — 45° Polycarbonate
  - 90 — 90° Aluminium
  - 120 — 120° Aluminium
- – — Bottom Cover
  - – — No Cover
  - BC — Bottom Cover
- – — Dimming
  - – — No Dimming
  - DALI — 0-10V DALI Dimming

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

HELIOS 150

High Bay 150W

10000 Lumens > 14000 Lumens

Digilin AUSTRALIA

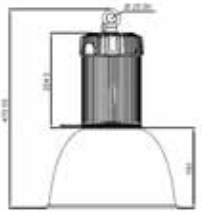
HELIOS 150

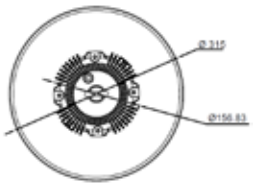
High Bay 150W

10000 Lumens > 14000 Lumens

HI BAY WITH CLASS LEADING LUMEN OUTPUT

Superior quality and performance guarantee,
equally efficient in retail and commercial projects





SPECIFICATIONS

Model	HE150		
Colours	3000K	4000K	6000K
Luminaire Lumens	10000	11000	14000
Typical CRI	80	75	70
Beam Options	60°, 70° *Refer Reflectors below		
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)		
Connected Load	150W		
IP Rating	IP40		
Material and Finish	Powder Coated Aluminium		
Power Factor	≥0.95		
Weight	3.3kg		
Dimming	Non Dimming CE RoHS		
Dimensions (mm)	ø157 x 250		

REFLECTORS

Beam	60°	70°
Material	Aluminium	Polycarbonate
Dimensions (mm)	ø315 x 203	ø315 x 190
Weight	1kg	

ORDERING CODES

HE150 — W30 — 60AL — –

- HE150 — Product Family: 150 Watt
- W30 — Colour: 3000K
- W40 — 4000K
- W60 — 6000K
- 60AL — Beam: 60° Aluminium
- 70PC — 70° Polycarbonate
- – — Dimming: No Dimming

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

STADIUM

Flood Professional 90W > 660W

9000 Lumens > 66000 Lumens

Digilin AUSTRALIA

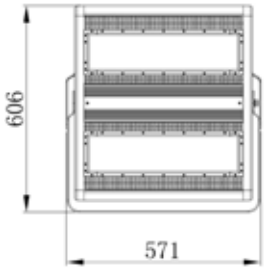
STADIUM

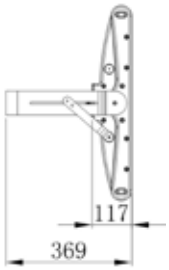
Flood Professional 90W > 660W
9000 Lumens > 66000 Lumens

PROFESSIONAL FLOOD WITH CLASS LEADING LUMEN OUTPUT

Highest output of its type available, equally efficient in stadium, playing field and commercial projects

PHILIPS LUMILEDS Superior quality and performance guarantee





SPECIFICATIONS

Model	ST90	ST110	ST170	ST220	ST280	ST330	ST390	ST440	ST550	ST660
Colours	3000K, 4000K, 5700K									
Luminaire Lumens	9000	11000	17000	22000	28000	33000	39000	44000	55000	66000
Typical CRI	70 - 75									
Beam Options	15°, 30°, 60°, 60x135°, 85x135°									
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)									
Luminaire Power	80W	100W	150W	200W	250W	300W	350W	400W	500W	600W
Connected Load	90W	110W	170W	220W	280W	330W	390W	440W	550W	660W
IP Rating	IP65									
Material and Finish	Aluminium Black Powder Coat Stainless Steel Mounting Bracket Optional									
Power Supply	90 - 305V AC									
Power Factor	≥0.95 CE RoHS SAA									
Weight	6.2kg	6.4kg	8.2kg	8.4kg	9.8kg	18kg	18.4kg	20kg	27kg	27kg
Dimensions (mm)	387x366x 91mm	387x366x 91mm	507x366x 91mm	507x366x 91mm	567x367x 91mm	606x511x 117mm	606x511x 117mm	606x571x 117mm	606x811x 117mm	606x811x 117mm
Dimming	No Dimming DALI Dimming Optional 1 - 10V Dimming Optional									

ORDERING CODES

ST220 — W30 — 15 — -

Product Family

ST90	90 Watt
ST110	110 Watt
ST170	170 Watt
ST220	220 Watt
ST280	280 Watt
ST330	330 Watt
ST390	390 Watt
ST440	440 Watt
ST550	550 Watt
ST660	660 Watt

Colour

W30	3000K
W40	4000K
W57	5700K

Beam

15	15°
30	30°
60	60°
60x135	60°x135°
85x135	85°x135°

Dimming

-	No Dimming
DALI	DALI Dimming
1-10	1-10V Dimming

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

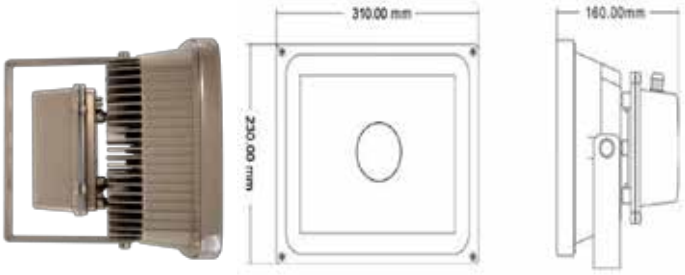
ARENA

Flood Commercial 30W > 70W
3000 Lumens > 7000 Lumens

Digilin
AUSTRALIA

ARENA

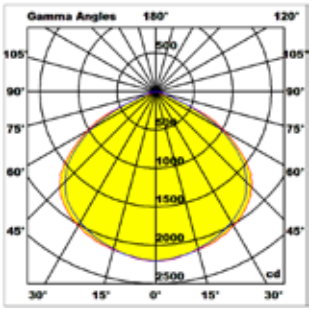
Flood commercial 30W > 70W
3000 Lumens > 7000 Lumens



COMMERCIAL FLOOD WITH CLASS LEADING LUMEN OUTPUT

Highest output of its type available, equally efficient in playing fields, car parks and commercial projects

LIGHT DISTRIBUTION CURVE (CD) 100°



LUX DIAGRAM (LX) 100°

SPECIFICATIONS

Model	AR30	AR50	AR70
Colours	3000K, 4000K, 5700K		
Luminaire Lumens	3000	5000	7000
Typical CRI	70 - 75		
Beam Option	100°		
Performance	70% lumen maintenance @ 50,000 Hrs (L70)		
Luminaire Power	27W	45W	63W
Connected Load	30W	50W	70W
IP Rating	IP65		
Material and Finish	Aluminium Alloy, Powder Coated		
Power Supply	100 240VAC		
Power Factor	≥ 0.9		
Weight	3.6kg	3.6kg	3.7kg

CE SAA TÜV RoHS

ORDERING CODES

AR30 — W30

Product Family

AR30	Arena 30 Watt
AR50	Arena 50 Watt
AR70	Arena 70 Watt

Colors

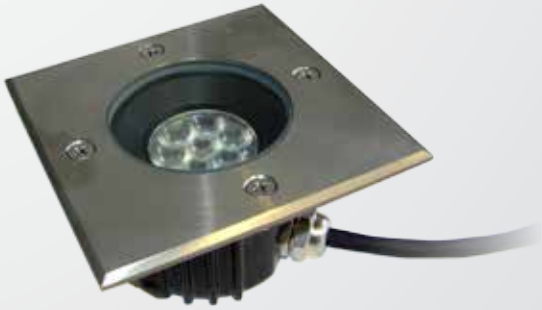
W30	3000K
W40	4000K
W57	5700K

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

GL10

In-Ground Luminaire
550 Lumens



Designed and Manufactured in Australia

Digilin AUSTRALIA

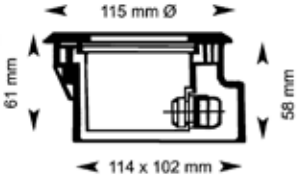
GL10
In-Ground Luminaire
550 Lumens

HIGHER L.O.R THAN COMPARABLE UNITS

You simply won't find a lower cost, quality in ground fitting with this much output for commercial and residential use

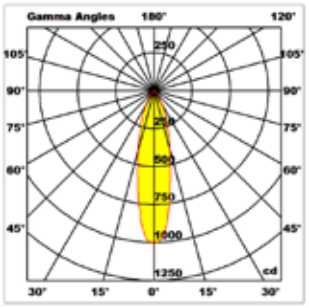
GL10 Round

GL10 Square



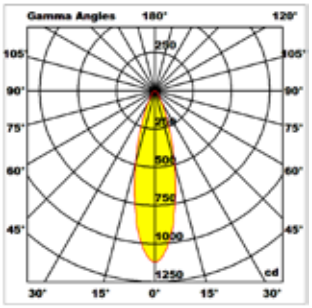
CREE Superior quality and performance guarantee

LIGHT DISTRIBUTION CURVE (CD) 22°

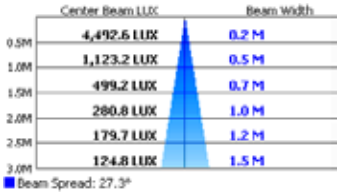


LUX DIAGRAM (LX) 22°

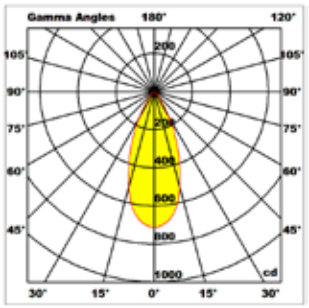
LIGHT DISTRIBUTION CURVE (CD) 36°



LUX DIAGRAM (LX) 36°



LIGHT DISTRIBUTION CURVE (CD) 60°



LUX DIAGRAM (LX) 60°

SPECIFICATIONS

Colours	3000K	3500K	4000K	5000K
Typical LED Lumen @ Tj – 25°C	550	550	550	630
Luminaire Lumens @60° Beam Option	430	430	430	490
Typical CRI	85			
Beam Option	22°, 36°, 60°			
Performance	70% lumen maintenance @ 50,000 Hrs (L70)			
Luminaire Power	6.2W (290mA @ 21.5V Nominal)			
12V Connected Load	6.5W DC 10.5W AC			
IP Rating	IP67			
Material and Finish	Heat Sink: Extruded Aluminum with four layer protective coating Bezel: 316 Stainless Steel			
Power Supply	TF-AQ Series *Refer installation guide			
Power Factor	≥ 0.6			
Weight	970g			
Approval				

ORDERING CODES

GL10 – R – W30 – 22 – 5

- GL10 — Product Family
  - GL10
- R — Flange
  - R — Round
  - S — Square
- W30 — Colour Temp
  - W30 — 3000K
  - W35 — 3500K
  - W40 — 4000K
  - W50 — 5000K
- 22 — Beam Spread
  - 22 — 22°
  - 36 — 36°
  - 60 — 60°
- 5 — Cable Length in Metres
  - 5 — 5 Mtr Default
  - Specify — Specify Mtr

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

GL20

In-Ground Luminaire
710 Lumens

Designed and Manufactured in Australia

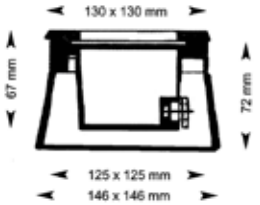
Digilin AUSTRALIA

GL20
In-Ground Luminaire
710 Lumens

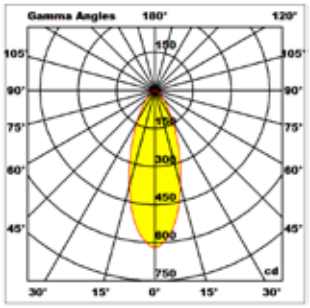
WIDE, SOFT BEAM FOR MAXIMUM DIFFUSION

Excellent when a wide, diffuse and even spread of light is required, such as wall washing, under canopy lighting and garden landscape lighting

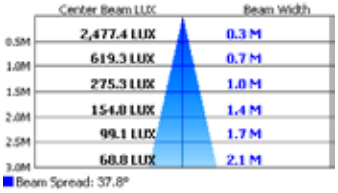
CREE Superior quality and performance guarantee



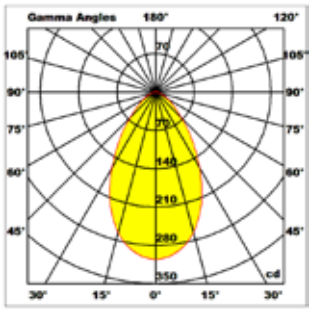
LIGHT DISTRIBUTION CURVE (CD) 35°



LUX DIAGRAM (LX) 35°



LIGHT DISTRIBUTION CURVE (CD) 60°



LUX DIAGRAM (LX) 60°

SPECIFICATIONS

Colours	3000K	3500K	4000K	5000K
Typical LED Lumen @ Tj – 25°C	710	710	710	710
Luminaire Lumens @35° Beam Option	400	400	400	400
Typical CRI	85			
Beam Option	35° with diffuse glass 60° with diffuse glass			
Performance	70% lumen maintenance @ 50,000 Hrs (L70)			
Luminaire Power	8.7W (280mA @ 31V Nominal)			
12V Connected Load	10.5W DC 10.5W AC			
IP Rating	IP67			
Material and Finish	Heat Sink: Cast Aluminum with four layer protective coating Bezel: 316 Stainless Steel			
Power Supply	TF-AQ Series *Refer installation guide			
Power Factor	≥ 0.6			
Weight	1.6kg			
Approval				

ORDERING CODES

GL20 – W30 – 35 – 5

Product Family
- GL20

Colour Temp
- W30 3000K
- W35 3500K
- W40 4000K
- W50 5000K

Beam Spread
- 35 35°
- 60 60°

Cable Length in Metres
- 5 5 Mtr Default
- Specify Specify Mtr

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

GL30

In-Ground Luminaire
1150 Lumens

Designed and Manufactured in Australia

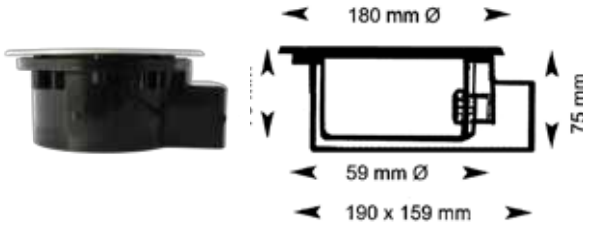
Digilin AUSTRALIA

GL30
In-Ground Luminaire
1150 Lumens

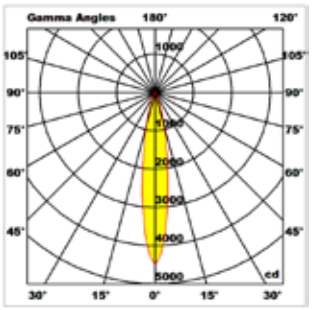
HIGHER LUMENS AND BETTER BEAM CONTROL THAN ANY OF ITS PEERS' UPLIGHT

Multiple beam spreads with an excellent delivery of light makes this a highly tempting proposition

CREE Superior quality and performance guarantee

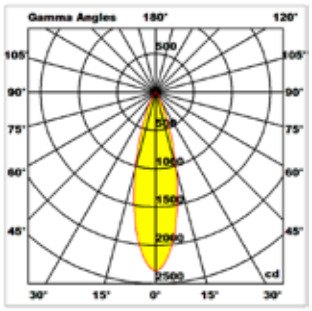


LIGHT DISTRIBUTION CURVE (1200-W40)



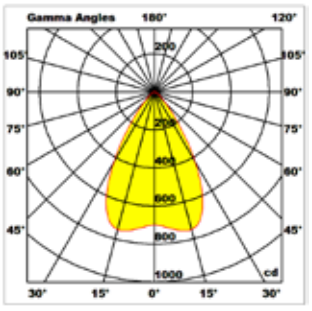
LUX DIAGRAM (LX) (1200-W40)

LIGHT DISTRIBUTION CURVE (1200-W40)



LUX DIAGRAM (LX) (1200-W40)

LIGHT DISTRIBUTION CURVE (1200-W40)



LUX DIAGRAM (LX) (1200-W40)

SPECIFICATIONS

Colours	3000K	3500K	4000K	5000K
Typical LED Lumen @ Tj – 25°C	1150	1150	1150	1150
Luminaire Lumens @60° Beam Option	830	830	830	830
Typical CRI	85			
Beam Option	14°, 28°, 60°, 12° x 48°, 30°Adjustable			
Performance	70% lumen maintenance @ 50,000 Hrs (L70)			
Luminaire Power	15.5W (500mA @ 31V Nominal)			
12V Connected Load	17W DC 17W AC			
IP Rating	IP67			
Material and Finish	Heat Sink: Cast Aluminum with four layer protective coating Bezel: 316 Stainless Steel			
Power Supply	TF-AQ Series *Refer installation guide			
Power Factor	≥ 0.6			
Weight	2.2kg			
Approval				

ORDERING CODES

GL30 – W30 – 14 – 5

Product Family
- GL30

Colour Temp
- W30 3000K
- W35 3500K
- W40 4000K
- W50 5000K

Beam Spread
- 14 14°
- 28 28°
- 60 60°
- 12x48 12° x 48°
- 30A 30° Adj

Cable Length in Metres
- 5 5 Mtr Default
- Specify Specify Mtr

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

GL30 RGB

In-Ground Luminaire
490 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

GL30 RGB

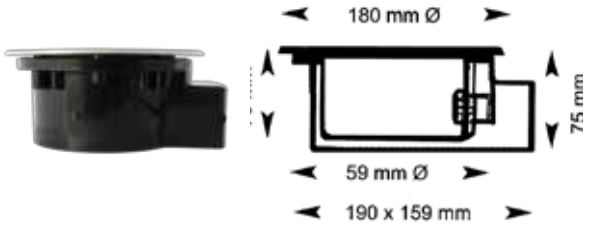
In-Ground Luminaire

490 Lumens

HIGHER LUMENS AND BETTER BEAM CONTROL THAN ANY OF ITS PEERS' UPLIGHT

Excellent delivery of light makes this a highly tempting proposition

CREE Superior quality and performance guarantee



SPECIFICATIONS

Colours	Red 620~630nm	Green 520~535nm	Blue 465~485nm	RGB Combined
Typical LED Lumen @ Tj – 25°C	186	300	105.6	591.6
Beam Option	30°			
Performance	70% lumen maintenance @ 50,000 Hrs (L70)			
Luminaire Power	≈ 3.6W (550mA @ 6.6V nominal)	≈ 5.6W (550mA @ 10.2V nominal)	≈ 5.9W (550mA @ 10.8V nominal)	≈ 15.1W
IP Rating	IP67			
Material and Finish	Heat Sink: Cast Aluminum with four layer protective coating Bezel: 316 Stainless Steel			
Power Supply	550mA Constant Current per colour @ ≈6 – 12V			
Weight	2.2kg			
Approval				

ORDERING CODES

GL30 – RGB – 30 – 5

- GL30 — Product Family: GL30
- RGB — Colour Temp: RGB
- 30 — Beam Spread: 30°
- 5 — Cable Length in Metres: 5 Mtr Default; Specify Mtr

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

TAIPAN

In-Ground, Wall, Ceiling, IP68 Spot Range
160 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

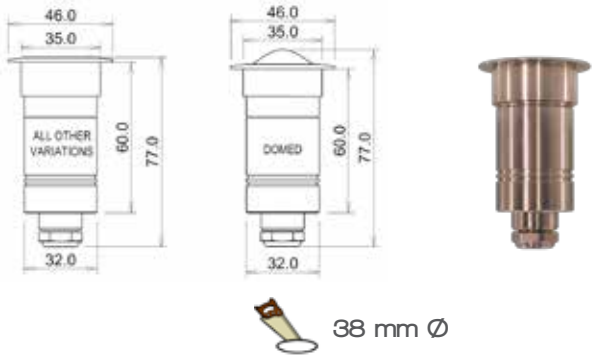
TAIPAN

In-Ground, Wall, Ceiling, IP68 Spot Range
160 Lumens

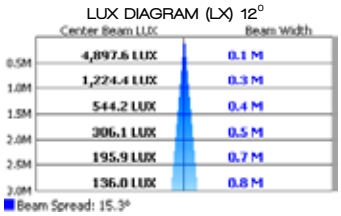
TAIPAN – AUSTRALIA'S FIRST AND STILL MOST POPULAR MINI OUTDOOR LED LUMINAIRE

Incredibly robust with multiple beam and LED colour options keeps this at the top of the best seller list

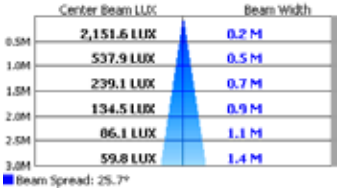
Use with confidence in all commercial and domestic applications where a small but powerful in-ground, wall, ceiling light is required



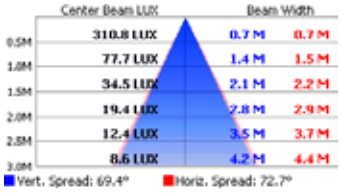
LUX DIAGRAM (LX) 12°



LUX DIAGRAM (LX) 22°



LUX DIAGRAM (LX) 56°



SPECIFICATIONS

Colours	3000K	4000K	6000K	Blue 465nm	Red 620nm	Green 520nm	Amber 585nm
Typical LED Lumen @Tj – 25°C	160	195	195	52	93	150	93
Luminaire Lumens @22° Beam Option	132	160	160	42	76	123	76
Typical CRI	70~85						
Beam Option	10°, 12°, 22°, 56°, 12x48°, Flat Frosted, Domed Frosted						
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)						
Luminaire Power	≈ 2.2W (700mA @ 3.2V Nominal)						
Connected Load	DC: 2.8W AC: 4W						
IP Rating	IP 68						
Material and Finish	316 Stainless Steel						
Power Supply	Non Dimmable: 9-28V AC/DC 50/60Hz Dimmable: 700mA Constant Current Drive @ ≈ 3V						
Power Factor	≥0.6						
Weight	580g						
Approvals							

ORDERING CODES

LTE3 – – W30 – 10 – –

Product Family
- LTE3 — 3W Taipan

Dimming
- – — Non Dimming
- PWM — PWM Dimming

Colors
- W30 — 3000K
- W40 — 4000K
- W60 — 6000K
- R — Red
- G — Green
- B — Blue
- A — Amber

Beam
- 10 — 10°
- 12 — 12°
- 22 — 22°
- 56 — 56°
- 12x48 — 12x48°
- FF — Flat Frosted
- DF — Dome Frosted

Cable Length in Metres
- – — Default – 1Mtr
- Specify — Length Mtr

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

TRIDENT FAMILY

Pool and SPA IP68 Range

160 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

TRIDENT FAMILY

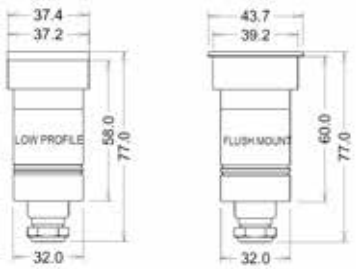
Pool and SPA IP68 Range

160 Lumens

TRIDENT - AUSTRALIA'S FIRST AND STILL MOST POPULAR MINI OUTDOOR POOL & SPA LED LUMINAIRE

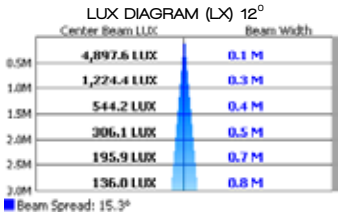
Incredibly robust with multiple beam and LED colour options keeps this at the top of the best seller list

Use with confidence in all commercial and domestic applications where a small but powerful pool or spa light is required

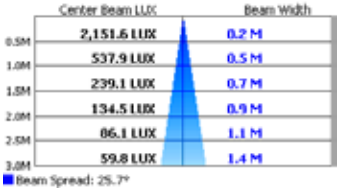


Version dependent - Refer installation guide for details

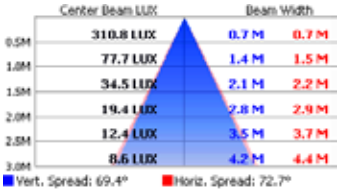
LUX DIAGRAM (LX) 12°



LUX DIAGRAM (LX) 22°



LUX DIAGRAM (LX) 56°



SPECIFICATIONS

Colours	3000K	4000K	6000K	Blue 465nm	Red 620nm	Green 520nm	Amber 585nm
Typical LED Lumen @Tj – 25°C	160	195	195	52	93	150	93
Luminaire Lumens @22° Beam Option	132	160	160	42	76	123	76
Typical CRI	70~85						
Beam Option	10°, 12°, 22°, 56°, 12x48°, Flat Frosted						
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)						
Luminaire Power	≈ 2.2W (700mA @ 3.2V Nominal)						
Connected Load	DC: 2.8W AC: 4W						
IP Rating	IP 68						
Material and Finish	316 Stainless Steel						
Power Supply	Non Dimmable: 9-28V AC/DC 50/60Hz Dimmable: 700mA Constant Current Drive @ ≈ 3V						
Power Factor	≥0.6						
Weight	400g						
Approvals	RCM CE						
Mount Options	Low Profile, Flush Mount, Short Yoke (72mm), Short Yoke with plate, Short Yoke with Stake Long Yoke (124mm), Long Yoke with plate, Long Yoke with Stake						

ORDERING CODES

LTP3 – L – - – W30 – 10 – - – 5

Product Family
- LTP3 — 3W Trident

Model
- L — Low Profile
- F — Flush Mount
- Y — Yoke Mount

Dimming
- - — Non Dimming
- PWM — PWM Dimming

Colour Temp
- W30 — 3000K
- W40 — 4000K
- W60 — 6000K
- R — Red
- G — Green
- B — Blue
- A — Amber

Beam
- 10 — 10°
- 12 — 12°
- 22 — 22°
- 56 — 56°
- 12x48 — 12x48°
- FF — Flat Frosted

Yolk Mount Options
- - — Default - nill
- SY — Short Yoke
- SYP — Short Yoke w/ plate
- SYS — Short Yoke w/ stake
- LY — Long Yoke
- LYP — Long Yoke w/ plate
- LYS — Long yoke w/ stake

Cable Length in Metres
- 5 — Default - 5 Mtr
- Specify — Length Mtr

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

TAIPAN/ TRIDENT RGB

In-Ground/ Underwater IP68 Range

133 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

TAIPAN/ TRIDENT RGB

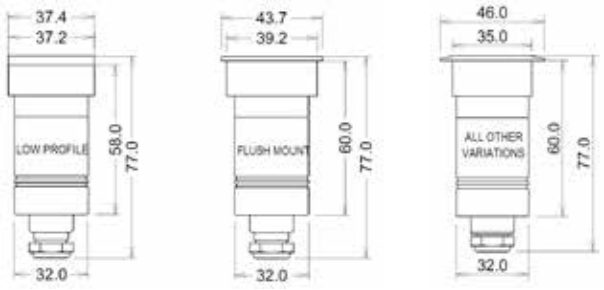
In-Ground/ Underwater IP68 Range

133 Lumens

TAIPAN/ TRIDENT - AUSTRALIA'S FIRST AND STILL MOST POPULAR MINI IN GROUND/ UNDERWATER LED LUMINAIRE

Incredibly robust with multiple beam options keeps this at the top of the best seller list

Use with confidence in all commercial and domestic applications where a small but powerful in-ground, wall, ceiling, pool or spa light is required



Version dependent - Refer installation guide for details

SPECIFICATIONS

Colours		Red 620~630nm	Green 515~535nm	Blue 450~475nm	RGB Combined
Typical LED Lumen @Tj – 25°C		35	80	18	133
Beam Option		28°, 42°, Flat Frosted			
Performance		70% Lumen maintenance @ 50,000 Hrs (L70)			
Luminaire Power		≈0.77W (350mA @ 2.2V nominal)	≈1.19W (350mA @ 3.4V nominal)	≈1.19W (350mA @ 3.4V nominal)	≈3.15W
IP Rating		IP 68			
Material and Finish		316 Stainless Steel			
Power Supply		350mA Constant Current per colour @ ≈ 3V			
Mount Options	Taipan	Taipan Standard			
	Trident	Low Profile, Flush Mount Short Yoke (72mm), Short Yoke with Plate, Short Yoke with Stake Long Yoke (124mm), Long Yoke with Plate, Long Yoke with Stake			
Approval					
Weight		400g			

ORDERING CODES

LTE3 – – PWM – RGB – 28 – – 1

Product Family
- LTE3 – 3W Taipan
- LTP3 – 3W Trident

Model - Trident Only
- L – Low Profile
- F – Flush Mount
- Y – Yoke Mount

Dimming
- PWM – PWM Dimming

Colour Temp
- RGB – RGB

Beam
- 28 – 28°
- 42 – 42°
- FF – Flat Frosted

Yoke Mount Option - Trident Only
- – – Default - nill
- SY – Short Yoke
- SYP – Short Yoke w/ plate
- SYS – Short Yoke w/ stake
- LY – Long Yoke
- LYP – Long Yoke w/ plate
- LYS – Long Yoke with stake

Cable Length in Metres
- 1 – Taipan Default - 1Mtr
- 5 – Trident Default - 5Mtr
- Specify – Length Mtr

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

TAIPAN DOWN

Wall Light

160 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

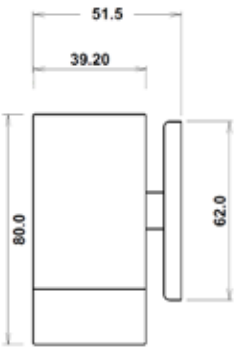
TAIPAN DOWN

Wall Light
160 Lumens

TAIPAN DOWN - MINI OUTDOOR LED LUMINAIRE

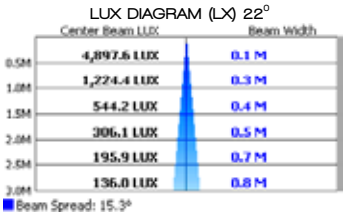
Incredibly robust with multiple beam and LED colour options keeps this at the top of the best seller list

Use with confidence in all commercial and domestic applications where a small but powerful wall light is required

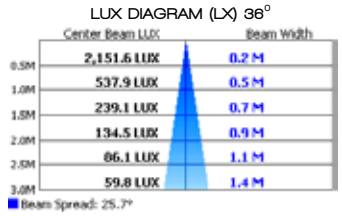


DIMENSIONS IN MM

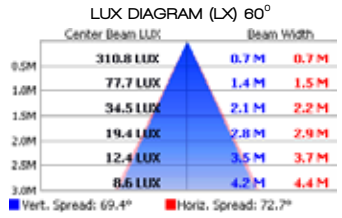
LUX DIAGRAM (LX) 22°



LUX DIAGRAM (LX) 36°



LUX DIAGRAM (LX) 60°



SPECIFICATIONS

Colours	3000K	4000K	6000K	Blue 465nm	Red 620nm	Green 520nm	Amber 585nm
Typical LED Lumen @Tj – 25°C	160	195	195	52	93	150	93
Luminaire Lumens @22° Beam Option	132	160	160	42	76	123	76
Typical CRI	70~85						
Beam Option	10°, 12°, 22°, 56°, 12x48°, Flat Frosted						
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)						
Luminaire Power	≈ 2.2W (700mA @ 3.2V Nominal)						
Connected Load	DC: 2.8W AC: 4W						
IP Rating	IP 65						
Material and Finish	316 Stainless Steel						
Power Supply	Non Dimmable: 9-28V AC/DC 50/60Hz Dimmable: 700mA Constant Current Drive @ ≈ 3V						
Power Factor	≥0.6						
Weight	400g						
Approvals							

ORDERING CODES

LTE3-D – – W30 – 10 – –

Product Family
- LTE3-D — 3W Taipan Down

Dimming
- – — Non Dimming
- PWM — PWM Dimming

Colours
- W30 — 3000K
- W40 — 4000K
- W60 — 6000K
- R — Red
- G — Green
- B — Blue
- A — Amber

Beam
- 10 — 10°
- 12 — 12°
- 22 — 22°
- 56 — 56°
- 12x48 — 12x48°
- FF — Flat Frosted

Cable Length in Metres
- – — Default - 1Mtr
- Specify — Length Mtr

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

TAIPAN UP/ DOWN

Wall Light

320 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

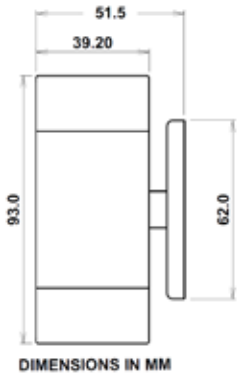
TAIPAN UP/ DOWN

Wall Light
320 Lumens

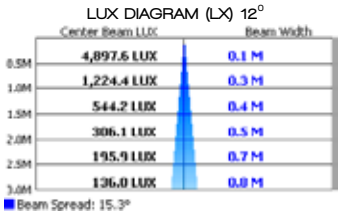
TAIPAN UP/ DOWN - MINI OUTDOOR LED LUMINAIRE

Incredibly robust with multiple beam and LED colour options keeps this at the top of the best seller list

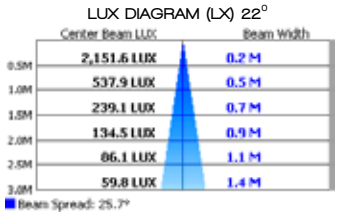
Use with confidence in all commercial and domestic applications where a small but powerful wall light is required



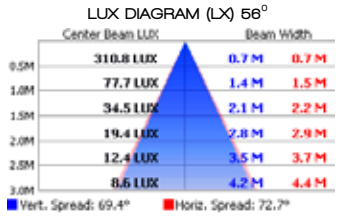
LUX DIAGRAM (LX) 12°



LUX DIAGRAM (LX) 22°



LUX DIAGRAM (LX) 56°



SPECIFICATIONS

Colours	3000K	4000K	6000K	Blue 465nm	Red 620nm	Green 520nm	Amber 585nm
Typical LED Lumen @Tj – 25°C	160	195	195	52	93	150	93
Luminaire Lumens @22° Beam Option	264	320	320	84	152	246	152
Typical CRI	70~85						
Beam Option	10°, 12°, 22°, 56°, 12x48°, Flat Frosted						
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)						
Luminaire Power	≈ 4.5W (700mA @ 6.4V Nominal)						
Connected Load	DC: 4.8W AC: 7.4W						
IP Rating	IP 65						
Material and Finish	316 Stainless Steel						
Power Supply	Non Dimmable: 9-28V AC/DC 50/60Hz Dimmable: 700mA Constant Current Drive @ ≈ 6V						
Power Factor	≥0.6						
Weight	640g						
Approvals							

ORDERING CODES

LTE3-UD – – W30 – 10 – W30 – 10 – –

Product Family
- LTE3-UD: 3W Taipan Up/ Down

Dimming
- –: Non Dimming
- PWM: PWM Dimming

Colours Up
- W30: 3000K
- W40: 4000K
- W60: 6000K
- R: Red
- G: Green
- B: Blue
- A: Amber

Beam Up
- 10: 10°
- 12: 12°
- 22: 22°
- 56: 56°
- 12x48: 12x48°
- FF: Flat Frosted

Colours Down
- W30: 3000K
- W40: 4000K
- W60: 6000K
- R: Red
- G: Green
- B: Blue
- A: Amber

Beam Down
- 10: 10°
- 12: 12°
- 22: 22°
- 56: 56°
- 12x48: 12x48°
- FF: Flat Frosted

Cable Length in Metres
- –: Default - 1Mtr
- Specify: Length Mtr

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

LUPS25

In-Ground, Wall, Ceiling, LED Marker
6 Lumens

Designed and Manufactured in Australia

Digilin AUSTRALIA

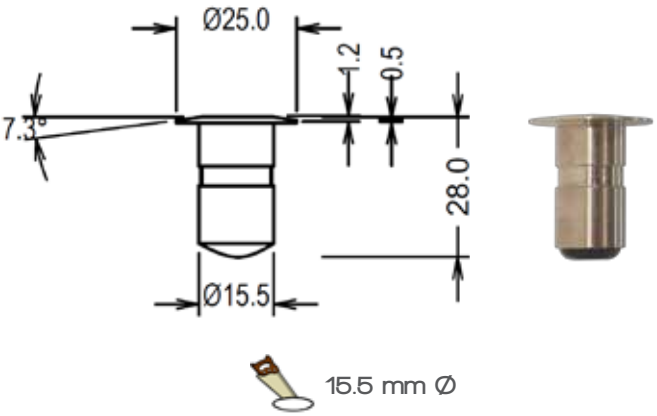
LUPS25

In-Ground, Wall, Ceiling, LED Marker
6 Lumens

ROBUST 316 STAINLESS STEEL LED MARKER

This IP67 miniature 25mm marker light only consumes 0.24 watts

Suitable for steps, walls and concrete paths



SPECIFICATIONS

Colours	2900K	4300K	5300K	Red 620~630mn	Green 520~535nm	Blue 465~475nm	Yellow 585~595nm
Typical LED Lumen	6	7	7	1.5	4.1	0.9	3.1
Luminaire Lumens Clear Window Option	4.4	5.1	5.1	1.1	3.0	0.66	2.2
Typical CRI	80	75	70	-	-	-	-
Window Option	Clear, Frosted						
Performance	70% Lumen maintenance @ 50,000 Hrs (L70)						
Luminaire Power	≈ 0.07W (20mA @ 3.3V Nominal)						
Connected Load	6V-12V DC @ 20mA 0.12W-0.24W						
IP Rating	IP67						
Material and Finish	316 Stainless Steel						
Power Supply	6V-12V DC* Contact Digilin for details						
Weight	55g						

ORDERING CODES

LUPS25 — W29 — C — 1

- LUPS25 — Product Family: LUPS25
- W29 — Color Temp: W29 2900K; W43 4300K; W50 5000K; R Red; G Green; B Blue; Y Yellow
- C — Window: C Clear; 35 Frosted
- 1 — Finish: 1 Default - 1Mtr; Specify Specify Length

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

CUSTOM LED STRIPS

We manufacture to your design

Digilin can manufacture custom circuit boards (minimum of 50 to100 metres depending on type) or complete fittings, assuming that the size of the project warrants it

If you are unable to find an LED circuit board or luminaire to suit your application, please contact your Digilin representative to enquire further

DIGILIN has the unique ability to assist you to design your own LED circuit board or complete fittings and subsequently manufacture in Australia

The DIGILIN engineers have a successful track record in this area, having been contracted by a number of high profile Australian lighting companies who look to us to help them devise new products, and win projects or government contracts

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

DIGILIN POWER-CONTROL-DIMMING

LED Light Sources and Strips

As we all know, powering, control and dimming LED light sources and strips can be confusing. This document is not aimed at the technophile (that info is available separately from our web site), but to give us a bit more product knowledge/confidence regarding the Digilin LED range, when dealing with potential clients and specifiers. Technical information is also available from our web site.

Digilin products are mostly dimmable, but in varying ways. Easy to read cross reference tables are provided with each product showing what equipment is required for Power/Control/Dimming and 'Stand Alone' systems. These cross reference tables include:

- Constant Current LED Fitting/Driver Cross Reference'
- Digilin LED Strip Range Quick Reference'
- LED Strip/Power Supply Driver Cross Reference'

Please note nearly all of our products can be dimmed via control systems such as Dynalite, C-Bus, DALI etc. In these instances additional 'bridging' modules or drivers may be required. Refer to the 'Type of Dimming system' column in this instance when discussing with the specifier or contractor, alternatively contact us for more information. We have a separate, more comprehensive document covering DALI.

This page gives a thumbnail of the various types of equipment discussed within. We trust this will make life easier for our customers

'LDP' wall controller/dimming driver/remote control

'LDR' repeater/driver and 'LDALI-PWM-3' dimming/driver

'LACI' analogue dimming controller (0-10v)

"LDMX-PWM-3' dimming and RGB driver

Digilin AUSTRALIA

DIGILIN.COM.AU
sales@digilin.com.au
Head Office: +617 3899 1267
Sales: +612 4356 1986

Constant Current LED Fitting/Driver Cross Reference

Supplies/Drivers		Dimmable	Fitting							
			ICON113		ICON816		Liberty 110		Liberty 112	
			Min	Max	Min	Max	Min	Max	Min	Max
LDMX-PWM-350CC-3	Requires External 24V, 1.2A supply	DMX								
LDMX-PWM-550CC-3	Requires External 24V, 1.8A supply	DMX								
LDMX-PWM-700CC-3	Requires External 24V, 2.5A supply	DMX	3 x 1	3 x 1						
LDR-CC-350CC-3CH	Requires External 24V, 1.2A supply	PWM in								
LDR-CC-550CC-3CH	Requires External 24V, 1.8A supply	PWM in								
LDR-CC-700CC-3CH	Requires External 24V, 2.5A supply	PWM in	3 x 1	3 x 1						
LDR-CC-300CC-3CH	Requires External 36V, 1.8A supply	PWM in								
LDR-CC-350CC-3CH	Requires External 36V, 1.8A supply	PWM in							3 x 1	3 x 1
LDR-CC-550CC-3CH	Requires External 36V, 2.5A supply	PWM in								
LDR-CC-700CC-3CH	Requires External 36V, 2.5A supply	PWM in	3 x 1	3 x 1	3 x 1	3 x 1				
LPC-OT18-700		1-10V	1	1	1	1				
LPC-52270-MD		Mains Dimmable (leading or trailing edge)					1	1		
LPC-52300-MD		Mains Dimmable (leading or trailing edge)								
LPC-52350-MD		Mains Dimmable (leading or trailing edge)							1	1
LPC-36500-MD		Mains Dimmable) (leading or trailing edge)								
LPC-26700-MD		Mains Dimmable (leading or trailing edge)	1	1	1	1				
LPC-52700-MD		Mains Dimmable (trailing edge only)	1	2	1	2				
LPC-LCI-30700		No	1	2	1	2				
LPC-LCI-501050		No								
LPC-LCAI-15350		DSI/DALI/switchDIM							1	1
LPC-LCAI-20500		DSI/DALI/switchDIM								
LPC-LCAI-30700		DSI/DALI/switchDIM	1	2	1	1				
LPC-LCAI-501050 Set to 500mA		DALI/1-10V								
LPC-LCAI-501050 Set to 700mA		DALI/1-10V	1	3	1	2				
LPC-LCAI-501050 Set to 1050mA		DALI/1-10V								
LDALI-S-PWM-24700-1	Requires External 30- 36V supply	DALI (smooth to off)			1	1				
LDALI-S-PWM-33300-1	Requires External 36 - 48V supply	DALI (smooth to off)							1	1
LDALI-S-PWM-34500-1	Requires External 40 -48V Supply	DALI (smooth to off)								
LDALI-S-PWM-36700-1	Requires Externl 40 -48V supply	DALI (smooth to off)	2	2						
LDALI-S-PWM-381050-1	Requires External 40-48V supply	DALI (smooth to off)								

Constant Current Fittings are connected in SERIES
Note that these are absolute maximum loads, and do not account for losses in cables, which may reduce the maximum number of fittings that can be connected

Constant Current LED Fitting/Driver Cross Reference

Supplies/Drivers		Dimmable	Fitting							
			Liberty 118		Liberty126		Freedom		Horizon	
			Min	Max	Min	Max	Min	Max	Min	Max
LDMX-PWM-350CC-3	Requires External 24V, 1.2A supply	DMX								
LDMX-PWM-550CC-3	Requires External 24V, 1.8A supply	DMX								
LDMX-PWM-700CC-3	Requires External 24V, 2.5A supply	DMX								
LDR-CC-350CC-3CH	Requires External 24V, 1.2A supply	PWM in								
LDR-CC-550CC-3CH	Requires External 24V, 1.8A supply	PWM in								
LDR-CC-700CC-3CH	Requires External 24V, 2.5A supply	PWM in								
LDR-CC-300CC-3CH	Requires External 36V, 1.8A supply	PWM in								
LDR-CC-350CC-3CH	Requires External 36V, 1.8A supply	PWM in								
LDR-CC-550CC-3CH	Requires External 36V, 2.5A supply	PWM in								
LDR-CC-700CC-3CH	Requires External 36V, 2.5A supply	PWM in								
LPC-OT18-700		1-10V								
LPC-52270-MD		Mains Dimmable (leading or trailing edge)								
LPC-52300-MD		Mains Dimmable (leading or trailing edge)								
LPC-52350-MD		Mains Dimmable (leading or trailing edge)							1	1
LPC-36500-MD		Mains Dimmable) (leading or trailing edge)	1	1						
LPC-26700-MD		Mains Dimmable (leading or trailing edge)								
LPC-52700-MD		Mains Dimmable (trailing edge only)			1	1				
LPC-LCI-30700		No			1	1				
LPC-LCI-501050		No					1	1		
LPC-LCAI-15350		DSI/DALI/switchDIM							1	1
LPC-LCAI-20500		DSI/DALI/switchDIM	1	1						
LPC-LCAI-30700		DSI/DALI/switchDIM			1	1				
LPC-LCAI-501050 Set to 500mA		DALI/1-10V	1	1						
LPC-LCAI-501050 Set to 700mA		DALI/1-10V			1	1				
LPC-LCAI-501050 Set to 1050mA		DALI/1-10V					1	1		
LDALI-S-PWM-24700-1	Requires External 30- 36V supply	DALI (smooth to off)								
LDALI-S-PWM-33300-1	Requires External 36 - 48V supply	DALI (smooth to off)								
LDALI-S-PWM-34500-1	Requires External 40 -48V Supply	DALI (smooth to off)	1	1						
LDALI-S-PWM-36700-1	Requires Externl 40 -48V supply	DALI (smooth to off)			1	1				
LDALI-S-PWM-381050-1	Requires External 40-48V supply	DALI (smooth to off)					1	1		

Constant Current Fittings are connected in SERIES
Note that these are absolute maximum loads, and do not account for losses in cables, which may reduce the maximum number of fittings that can be connected

Constant Current LED Fitting/Driver Cross Reference

Supplies/Drivers		Dimmable	Fitting					
			Taipan / Trident PWM (includes Down Versions)		Taipan 3W RGB		Taipan Up/Down	
			Min	Max	Min	Max	Min	Max
LDMX-PWM-350CC-3	Requires External 24V, 1.2A supply	DMX			1	6		
LDMX-PWM-550CC-3	Requires External 24V, 1.8A supply	DMX						
LDMX-PWM-700CC-3	Requires External 24V, 2.5A supply	DMX	3 x 1	3 x 5			3 x 1	3 x 2
LDR-CC-350CC-3CH	Requires External 24V, 1.2A supply	PWM in			4	6		
LDR-CC-550CC-3CH	Requires External 24V, 1.8A supply	PWM in						
LDR-CC-700CC-3CH	Requires External 24V, 2.5A supply	PWM in	3 x 4	3 x 5			3 x 2	3 x 2
LDR-CC-300CC-3CH	Requires External 36V, 1.8A supply	PWM in						
LDR-CC-350CC-3CH	Requires External 36V, 1.8A supply	PWM in			4	9		
LDR-CC-550CC-3CH	Requires External 36V, 2.5A supply	PWM in						
LDR-CC-700CC-3CH	Requires External 36V, 2.5A supply	PWM in	3 x 4	3 x 9			3 x 2	3 x 4
LPC-OT18-700		1-10V	1	6			1	3
LPC-52270-MD		Mains Dimmable (leading or trailing edge)						
LPC-52300-MD		Mains Dimmable (leading or trailing edge)						
LPC-52350-MD		Mains Dimmable (leading or trailing edge)						
LPC-36500-MD		Mains Dimmable) (leading or trailing edge)						
LPC-26700-MD		Mains Dimmable (leading or trailing edge)	2	7			1	3
LPC-52700-MD		Mains Dimmable (trailing edge only)	5	14			3	7
LPC-LCI-30700		No	4	12			2	6
LPC-LCI-501050		No						
LPC-LCAI-15350		DSI/DALI/switchDIM						
LPC-LCAI-20500		DSI/DALI/switchDIM						
LPC-LCAI-30700		DSI/DALI/switchDIM	3	11			2	5
LPC-LCAI-501050 Set to 500mA		DALI/1-10V						
LPC-LCAI-501050 Set to 700mA		DALI/1-10V	1	18			1	9
LPC-LCAI-501050 Set to 1050mA		DALI/1-10V						
LDALI-S-PWM-24700-1	Requires External 30- 36V supply	DALI (smooth to off)	7	7				
LDALI-S-PWM-33300-1	Requires External 36 - 48V supply	DALI (smooth to off)						
LDALI-S-PWM-34500-1	Requires External 40 -48V Supply	DALI (smooth to off)						
LDALI-S-PWM-36700-1	Requires Externl 40 -48V supply	DALI (smooth to off)						
LDALI-S-PWM-381050-1	Requires External 40-48V supply	DALI (smooth to off)						

Constant Current Fittings are connected in SERIES
Note that these are absolute maximum loads, and do not account for losses in cables, which may reduce the maximum number of fittings that can be connected

Constant Current LED Fitting/Driver Cross Reference

Supplies/Drivers		Dimmable	Fitting							
			GL10 PWM		GL20 PWM		GL30 PWM		GL30 RGB	
			Min	Max	Min	Max	Min	Max	Min	Max
LDMX-PWM-350CC-3	Requires External 24V, 1.2A supply	DMX								
LDMX-PWM-550CC-3	Requires External 24V, 1.8A supply	DMX							1	2
LDMX-PWM-700CC-3	Requires External 24V, 2.5A supply	DMX								
LDR-CC-350CC-3CH	Requires External 24V, 1.2A supply	PWM in								
LDR-CC-550CC-3CH	Requires External 24V, 1.8A supply	PWM in							1	2
LDR-CC-700CC-3CH	Requires External 24V, 2.5A supply	PWM in								
LDR-CC-300CC-3CH	Requires External 36V, 1.8A supply	PWM in	3 x 1	3 x 1	3 x 1	3 x 1				
LDR-CC-350CC-3CH	Requires External 36V, 1.8A supply	PWM in								
LDR-CC-550CC-3CH	Requires External 36V, 2.5A supply	PWM in					3 x 1	3 x 1	1	3
LDR-CC-700CC-3CH	Requires External 36V, 2.5A supply	PWM in								
LPC-OT18-700		1-10V								
LPC-52270-MD		Mains Dimmable (leading or trailing edge)								
LPC-52300-MD		Mains Dimmable (leading or trailing edge)	1	2	1	1				
LPC-52350-MD		Mains Dimmable (leading or trailing edge)								
LPC-36500-MD		Mains Dimmable) (leading or trailing edge)								
LPC-26700-MD		Mains Dimmable (leading or trailing edge)								
LPC-52700-MD		Mains Dimmable (trailing edge only)								
LPC-LCI-30700		No								
LPC-LCI-501050		No								
LPC-LCAI-15350		DSI/DALI/switchDIM								
LPC-LCAI-20500		DSI/DALI/switchDIM								
LPC-LCAI-30700		DSI/DALI/switchDIM								
LPC-LCAI-501050 Set to 500mA		DALI/1-10V								
LPC-LCAI-501050 Set to 700mA		DALI/1-10V								
LPC-LCAI-501050 Set to 1050mA		DALI/1-10V								
LDALI-S-PWM-24700-1	Requires External 30- 36V supply	DALI (smooth to off)								
LDALI-S-PWM-33300-1	Requires External 36 - 48V supply	DALI (smooth to off)								
LDALI-S-PWM-34500-1	Requires External 40 -48V Supply	DALI (smooth to off)								
LDALI-S-PWM-36700-1	Requires Externl 40 -48V supply	DALI (smooth to off)								
LDALI-S-PWM-381050-1	Requires External 40-48V supply	DALI (smooth to off)								

Constant Current Fittings are connected in SERIES
Note that these are absolute maximum loads, and do not account for losses in cables, which may reduce the maximum number of fittings that can be connected

Digilin LED Strip Range Quick Reference

Single Colour Strips

Digilin Strip	Colour	Lumens (/m)	Input			Cut-off Module Lengths (mm)	Distance Between Power Feeds (m)	Suits	
			Voltage (VDC)	Current (mA/m)	Power (W/m)			Javelin	UST
ProjectLED	Yellow (585 ~ 595nm)	192	23-25	360	8.64	50	4	✓	
	Blue (465 ~ 475nm)	96							
	Green (520 ~ 535nm)	432							
	Red (620 ~ 630nm)	192							
	White 3050°K	720							
	White 4100°K	780							
	White 6000°K	840							
ProjectMini	Yellow (585 ~ 595nm)	192	23-25	360	8.64	50	4		
	Blue (465 ~ 475nm)	96							
	Green (520 ~ 535nm)	432							
	Red (620 ~ 630nm)	192							
	White 3050°K	720							
	White 4100°K	780							
	Cool White 6000°K	840							
StairNose (single run of strip)	Yellow (585 ~ 595nm)	192	23-25	360	8.64	50	4		
	Blue (465 ~ 475nm)	96							
	Green (520 ~ 535nm)	432							
	Red (620 ~ 630nm)	192							
	White 3050°K	720							
	White 4100°K	780							
	Cool White 6000°K	840							
TriPower	White 2900°K	1040	20-30	720	17.3	4 x 27.7 & 14 x 27.8	8	✓	
	White 4300°K	1350							
	White 5300°K	1150							
UltraFlex	Yellow (585 ~ 595nm)	192	23-25	360	8.64	50	4	✓	✓
	Blue (465 ~ 475nm)	96							
	Green (520 ~ 535nm)	432							
	Red (620 ~ 630nm)	192							
	White 3050°K	720							
	White 4100°K	780							
	White 6000°K	840							

Digilin LED Strip Range Quick Reference

Colour Mixing Strips

Digilin Strip	Colour	Lumens (/m)	Input			Cut-off Module Lengths (mm)	Distance Between Power Feeds (m)	Suits	
			Voltage (VDC)	Current (mA/m)	Power (W/m)			Javelin	UST
Harlequin RGB	Red (620 ~ 630nm)	172	20-30	240	5.8	2 x 83.2 & 4 x 83.4	8	✓	
	Green (520 ~ 535nm)	290		240	5.8				
	Blue (465 ~ 475nm)	104		240	5.8				
Palette RGBW	Red (620 ~ 630nm)	114	20-30	160	3.84	125	6	✓	
	Green (520 ~ 535nm)	193		160	3.84				
	Blue (465 ~ 475nm)	69		160	3.84				
	White 2900°K	660		480	11.52				
ProjectLED RGB	Red	57.6	24-25	200	4.8	100	5		
	Green	130.4		200	4.8				
	Blue	38.4		200	4.8				
UltraFlex RGB	Red	57.6	24-25	200	4.8	100	5	✓	
	Green	130.4		200	4.8				
	Blue	38.4		200	4.8				

IP Rated Strips

Strip	Colour	Lumens (/m)	Input			Available Lengths (mm)	Distance Between Power Feeds (m)
			Voltage (VDC)	Current (mA/m)	Power (W/m)		
SlimLED (IP67)	Red (620 ~ 630nm)	181	15	510	7.7	320, 470, 620, 920, 1220	5
	Yellow (585 ~ 595nm)	194					
	Amber (610 ~ 620nm)	181					
	Green (520 ~ 535nm)	416	20-30		12.2		
	Blue (465 ~ 475nm)	116					
	White 6000°K	600					
	White 4100°K	510					
	White 3050°K	510					
SlimLED RGB (IP67)	Red (620 ~ 630nm)	52.5	22-30	130	3.2	320, 470, 620, 920, 1220	5
	Green (520 ~ 535nm)	119		130	3.2		
	Blue (465 ~ 475nm)	35		130	3.2		
UltraFlex IP67	White 3050°K	360	11-13	280	3.36	5000	5
	White 4100°K	390					
	White 6000°K	420					
TriFlex IP67	White 3050°K	800	11-13	1000	12	5000	5
	White 4100°K	910					
	White 6000°K	1015					
UltraFlex RGB IP67	Red	57.6	24-25	200	4.8	5000	5
	Green	130.4		200	4.8		
	Blue	38.4		200	4.8		

Mariner option is available for LED strips installed in Javelin Extrusion for IP65 solutions.

LED Strip/Power Supply Driver Cross Reference

Power Supplies		Dimmable	Single Colour Strips							
			MicroPower	ProjectLED	ProjectMINI	SlimLED	TriPower	UltraFlex		
Stock Code										
LPC-SCV30-24VF	24V, Recommended max load 1.2A	No	2	3	3	2	1.5	3		
LPC-LPF-40-24D	24V, Recommended max load 1.6A	No	2.5	4	4	3	2	4		
LPC-SCV50-24VF	24V, Recommended max load 2A	No	3.5	5.5	5.5	3.5	2.5	5.5		
LPC-LPF-60-24D	24V, Recommended max load 2.3A	No	4	6	6	4.5	3	6		
LPC-SCV75-24VF	24V, Recommended max load 3A	No	5	8	8	5.5	4	8		
LPC-LPF-90-24D	24V, Recommended max load 3.6A	No	6	10	10	7	5	10		
LPC-CLG-150-24-P	24V, Recommended max load 6A	No	10.5	16.5	16.5	11.5	8	16.5		
LPC-HLG-240-24-P	24V, Recommended max load 9.5A	No	16.5	26	26	18.5	13	26		
LDMX-PWM-3	Requires separate 6A supply for max load	DMX	3 x 3.5	3 x 5.5	3 x 5.5	3 x 3.5	3 x 2.5	3 x 5.5		
LDALI-PWM-3	Requires separate 6A supply for max load	DALI	3 x 3.5	3 x 5.5	3 x 5.5	3 x 3.5	3 x 2.5	3 x 5.5		
LDP-CV-5A	Requires separate 5A supply for max load	PWM In	8.5	13.5	13.5	9.5	6.5	13.5		
LDR-CV-5A-3CH	Requires separate 15A supply for max load	PWM In	3 x 8.5	3 x 13.5	3 x 13.5	3 x 9.5	3 x 6.5	3 x 13.5		
LDMX-PWM-4	Requires separate 6A supply for max load	DMX	4 x 2.5	4 x 4	4 x 4	4 x 2.5	4 x 2	4 x 4		

Power Supplies		Dimmable	RGB Colour Mixing Strips							
			Harlequin RGB	Palette RGBW	ProjectLED RGB	SlimLED RGB	UltraFlex RGB	UltraFlex RGB IP67		
Stock Code										
LDMX-PWM-3	Requires separate 6A supply for max load	DMX	8		12.5	15	10	10		
LDALI-PWM-3	Requires separate 6A supply for max load	DALI	8		12.5	15	10	10		
LDP-CV-5A	Requires separate 5A supply for max load	PWM In								
LDR-CV-5A-3CH	Requires separate 15A supply for max load	PWM In	20.5		31	37.5	25	25		
LDMX-PWM-4	Requires separate 6A supply for max load	DMX	1 x 8	6	1 x 12.5	1 x 15	1 x 10	1 x 10		

Power Supplies		Dimmable	12V Strips							
			UltraFlex IP67	TriFlex IP67						
Stock Code										
LPC-CLG-150-12-P	12V, Recommended max load 10.4A	No	32.5	10						
LPC-HLG-240-12-P	12V, Recommended max load 15.2A	No	47.5	15						
LDMX-PWM-3	Requires separate 6A supply for max load	DMX	3 x 6	3 x 2						
LDALI-PWM-3	Requires separate 6A supply for max load	DALI	3 x 6	3 x 2						
LDP-CV-5A	Requires separate 5A supply for max load	PWM In	15.5	5						
LDR-CV-5A-3CH	Requires separate 15A supply for max load	PWM In	3 x 15.5	3 x 5						
LDMX-PWM-4	Requires separate 6A supply for max load	DMX	4 x 4.5	4 x 1.5						

Constant Voltage LED Power Supply and Driver Loads in metres

For more information please contact
lightmoves (03) 9701 2500
info@lightmoves.com.au
138-146 Browns Rd, Noble Park VIC 3174

Tridonic Atco/Digilin Constant Voltage Driver Cross Reference

Tridonic Part				Digilin Part
C003 DALI RGB	DALI	**Control Protocol**	DALI	**LDALI-PWM-3**
	3	**# of Outputs**	3	
	0.6A	**Current/Output**	2A	
	0.1 – 100%	**Dimming Range**	0.1 – 100%	
	8 – 24VDC	**Input Voltage**	12- 24VDC	
C004 PWM Booster	PWM Input	**Control Protocol**	PWM Input	**LDR-CV-5A-3CH**
	3	**# of Outputs**	3	
	2A	**Current/Output**	5A	
	12 -24VDC	**Input Voltage**	12 – 24VDC	
0025 K211 24V	DALI	**Control Protocol**	DALI	**LDALI-PWM-3**
	3	**# of Outputs**	3	
	0.33A	**Current/Output**	2A	
	0.1 – 100%	**Dimming Range**	0.1 – 100%	
	230V to internal 24V supply	**Input Voltage**	12 -24VDC	
LED C001	0 -10V, 100kΩ potentiometer or PWM	**Control Protocol**	PWM Input	**LDR-CV-5A-3CH**
	3	**# of Outputs**	3	
	2A	**Current/Output**	5A	
	12 – 24VDC	**Input Voltage**	12 – 24VDC	

For more information please contact
lightmoves (03) 9701 2500
info@lightmoves.com.au
138-146 Browns Rd, Noble Park VIC 3174