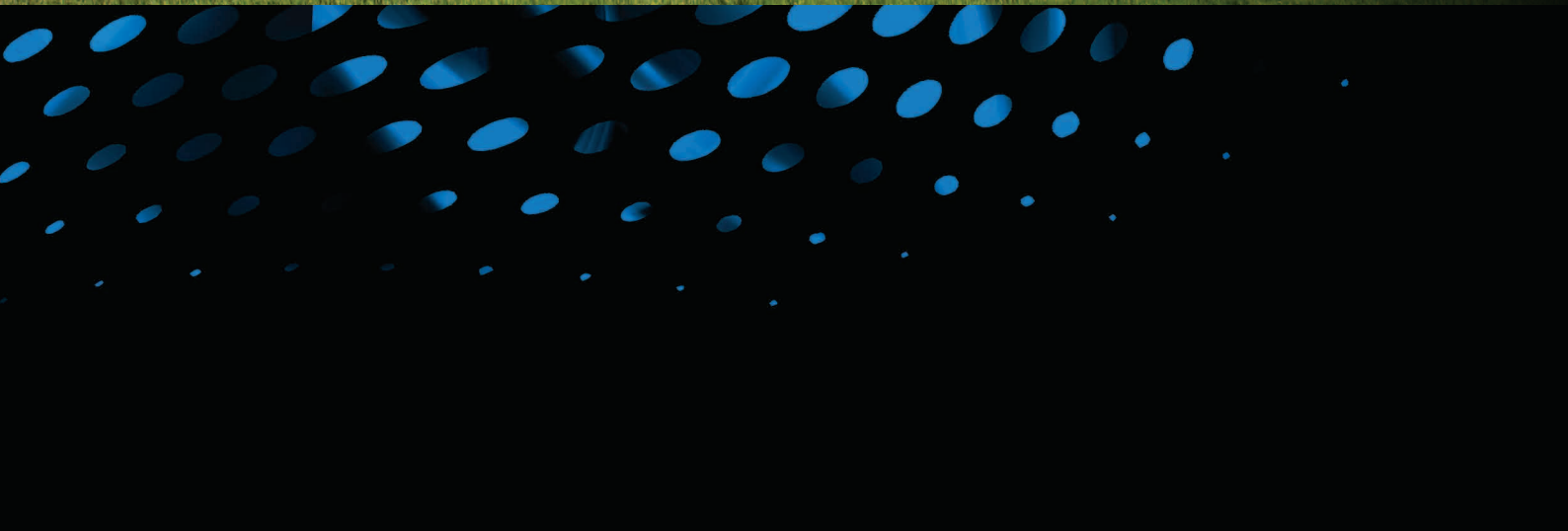


LED CATALOGUE 2012/13

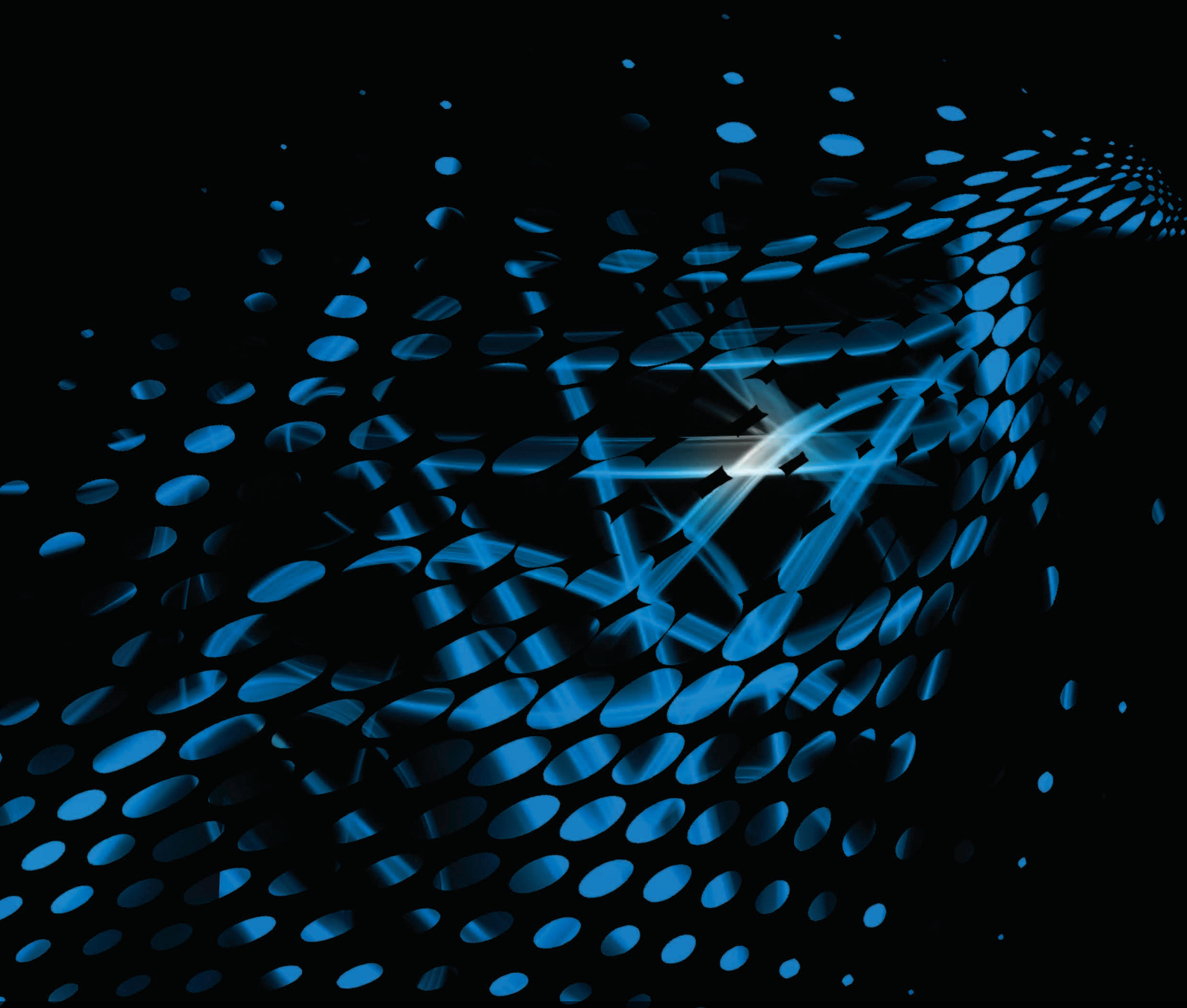


Crompton
Lighting





Cable / Driver



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The LED Technology

LED Driver / Cable

Crompton Lighting offers a complete range of drivers and accessories to compliment its wide range of energy efficient LED products.

Starting with the market leading XL-LED Performance driver, to the range of quick connect cable and accessory packs, Crompton Lighting offers the installer the right choice to ensure ease of installation and longevity of performance for both interior and exterior applications.

Crompton ensure only quality components and materials are used to guarantee longevity of product life and actual luminaire performance.

To assist customers in the selection of a wide range of alternative drivers available in the market, we recommend the following steps.

Step 1: Identify the operating current of the LED module or luminaire being used. This information will be provided by the manufacturer.

Step 2: Identify the wattage of the LED module or luminaire, which should be clearly stated on the product.

Step 3: Identify if the application requires a dimmable, or fixed output driver (converter).

If a dimmable driver is needed, what method of dimming is required?

For example, there are various methods of dimming utilizing different dimming technologies, such as DALI, DSI, or as is more commonly found in residential and small commercial applications, switch type dimmers.

Step 4: Make sure the current and the wattage range of the driver matches the current and wattage range of the luminaire as provided by the supplier of the fixture or in the product information (such as rating label etc).

Step 5: Ensure that the driver suits the application i.e dimmable or fixed output. For example, if a dimmable driver is required, it must be checked that the driver can be dimmed by the available control system, or dimming method, as outlined above.

For further assistance or information on the full range of LED Drivers to suit various applications and products, please contact your local Crompton Customer service representative.



PRODUCT SPECIFICATIONS



ELECTRICAL

Supply Voltage	220-240V AC
Supply Frequency	50-60Hz
Supply Current	0.166A
Power Factor	>0.8
Total Input Power	<40W
Secondary Output Voltage	12V
Secondary Output Current	3A

MATERIALS

Body	Thermoplastic
Cord	Thermoplastic

THERMAL

Ambient Temperature Rating	25°C to 45°C
Maximum Surface Temp	75°C

WEIGHT

Driver	250g
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PRODUCT FEATURES

- 240V/12V 36VA driver
- Suitable for 'walk-over' inground uplights
- Suitable for use in protected exterior applications

REFERENCE	COLOUR	CODE
36VA Driver	Black	24969



'Quick Connect' Cable Set



PRODUCT SPECIFICATIONS



ELECTRICAL	
Supply Voltage	220-240V AC
Supply Frequency	50-60Hz
Supply Current	N/A
Power Factor	N/A
Total Input Power	N/A
Secondary Output Voltage	12V
Secondary Output Current	N/A
MATERIALS	
Body	Thermoplastic
THERMAL	
Ambient Temperature Rating	25°C to 45°C
Maximum Surface Temp	120°C

PRODUCT FEATURES

- 10 metre 'Quick Connect' cable set
- Allows for DIY installation of up tp four LED fittings
- Suitable for 'walk-over' inground uplights

REFERENCE	COLOUR	CODE
QCCABLE	Black	24970



Cable/Driver

XL-LED Performance LED Driver



LAMP LIFE
50,000

0% 100% DIMMABLE

240V



DIMENSIONS / WEIGHT / LIFE

Driver	185g
Driver	165(W)x44(D)x37(H) mm
Controller Life	50,000HR

PRODUCT FEATURES

- 12V-24V, 650mA (16W max) LED driver with 1.5m flex & plug and secondary leads
- Electronic components with Pb-free solder
- Polycarbonate base and cover
- Short circuit protection
- Overload protection
- Thermal protection
- Fully Dimmable
- RoHS approved
- Tested to: IEC61347-2-13



PRODUCT SPECIFICATIONS

ELECTRICAL

Supply Voltage	240V AC
Supply Frequency	50-60Hz
Supply Current	100mA
Power Factor	0.95 undimmed
Total Input Power	16W maximum
Secondary Output Voltage	12V - 24V DC
Secondary Output Current	650mA regulated
Input Capacitance of Driver	47nF = 0.047μF

MATERIALS

Base & Cover	Polycarbonate
Terminal Clamp Moulding	Polycarbonate
Electronic Components & PCB's	RoHS compliant with Pb-free solder

THERMAL

Thermal Protection	Fully protected
Ambient Temperature Rating	50°C
Maximum Surface Temp	75°C
Ingress Protection Rating	IP20

REFERENCE	TYPE	CODE
CLED13FP	Flex & Plug	26243



XL-LED PERFORMANCE

Cable/Driver





A Member of the Gerard Lighting Group

Lighting the way since 1887



Customer Service/Sales

Tel: 1300 799 300 Fax: 1300 789 300

www.crompton.com.au

NEW SOUTH WALES

96-112 Gow Street
Padstow NSW 2211

VICTORIA

85 Munster Terrace
North Melbourne
VIC 3051

QUEENSLAND

3B/172 Evans Rd
Salisbury
QLD 4107

WESTERN AUSTRALIA

77 Truganina Rd
Malaga
WA 6090

SOUTH AUSTRALIA

101 Port Wakefield Rd
Cavan
SA 5094

NEW ZEALAND

Level 1, Building B, 8 Nugent Street, Grafton 1023, Auckland
TEL: +64 (0) 9 623 9646 FAX: +64 (0) 9 623 9640
Email: crompton@gerardlighting.co.nz