ABSTRACT

ABOUT US

Established in 1990, Abstract AVR are recognised internationally as one of the UK's leading Architectural, Entertainment and Bespoke LED lighting manufacturers, with over 25 years experience.

Designed, engineered, tried and tested right here in the UK.

With a sterling reputation our architectural LED products have stood the test of time and is a range that you can be sure to put your name to.

This is why our products have been the lighting professionals' tool of choice for over 10 years and will for many years to come.

 If you are interested in finding out more about our OEM services, one of our team would be happy to discuss your requirements.

INDEX

LED DOWNLIGHTS

Professional architectural downlights, for when quality and reliability is a must. Beautifully designed with both performance and longevity in mind, this is a downlight range which brings both excitement and peace of mind.

TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **4.8W**
Input Current **350mA**
IP Rating **IP20**
LED Type **RGBW**
Housing Cut Out **68mmØ (2.11/16")**
Lens Options **15°/25°/40°**
LED Connection **RJ45**
Lumen Output **280lm [RGBW]**
Operating Temp Range **-20 to 50 °C**

CONNECTIONS

CAT5 RJ45 Cables will be required for this product.

DIMENSIONS

61mm
Ø45mm
75.20mm
72.20mm
Ø85mm
Ø85mm
Ø30mm

? ?

OPTIONAL STATIC GIMBAL HOUSING

BLACK

GLOSS WHITE

COLOUR SOURCE 4
CC LED DOWNLIGHT

The Colour Source 4 sets the bar for lighting excellence, with a high performance mix-at-source multi-chip LED housed in a precision engineered anodised aluminium housing.

The lighting professionals' downlight of choice.

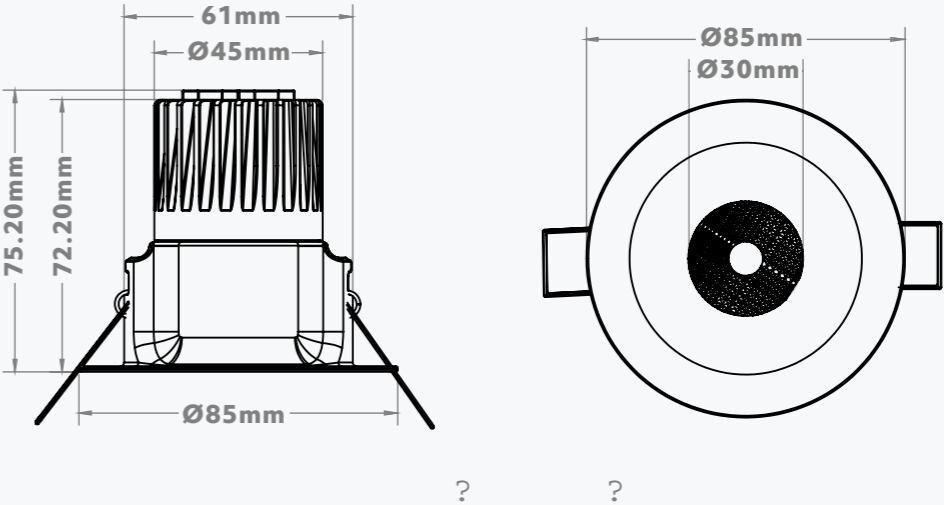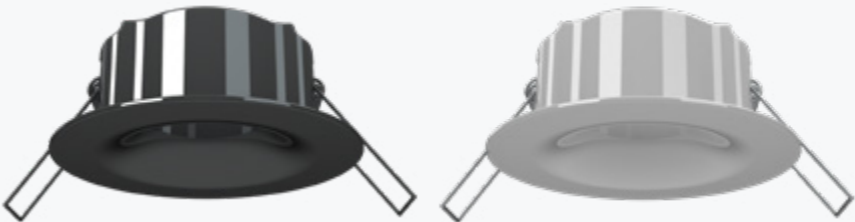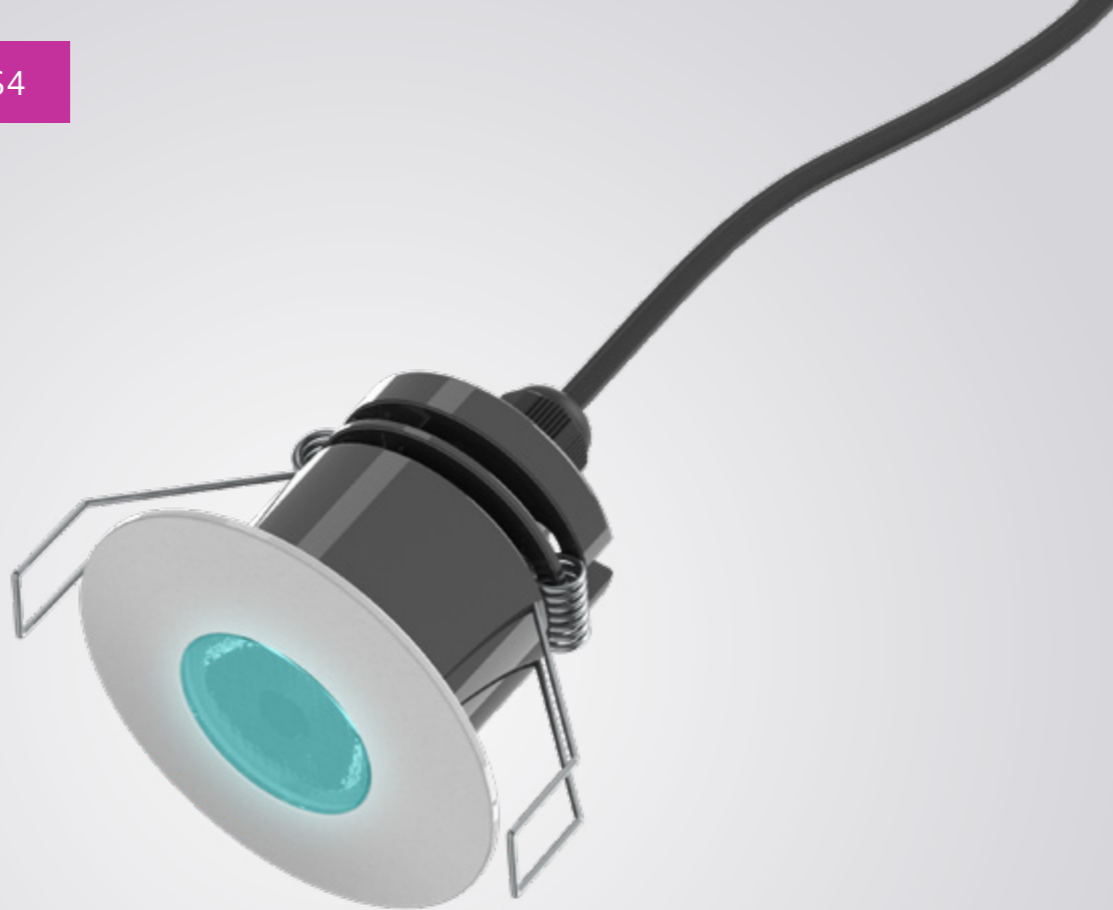**Compatible With : LUD 48 , LUD 192**

6

7

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TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **4.8W**
Input Current **350mA**
IP Rating **IP67**
LED Type **RGBW**
Housing Cut Out **45mmØ**
Lens Options **15°/25°/40°**
LED Connection **RJ45**
Lumen Output **284lm [RGBW] / 227lm [RGBA]**
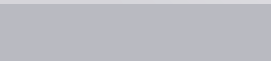Operating Temp Range **-20 to 50 °C**

DIMENSIONS

AVAILABLE COLOURS

316 STAINLESS STEEL

IP67 COLOUR SOURCE 4

CC LED DOWNLIGHT

The Colour Source 4 sets the bar for lighting excellence, with a high performance mix-at-source multi-chip LED housed in a precision engineered anodised aluminium housing and 316 Stainless Steel bezel, perfect for exterior applications.
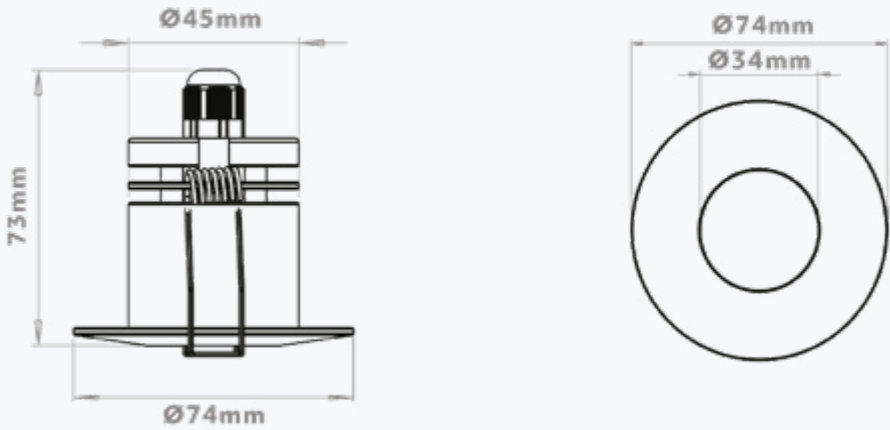
The lighting professionals' downlight of choice.

Product Code: CS4-DL-IP- RGBW / RGBA

Compatible With : LUD 48 , LUD 192

OPTIONAL LENSES

Our lens options are:
15° : Narrow Beam Angle
25° : Medium Beam Angle
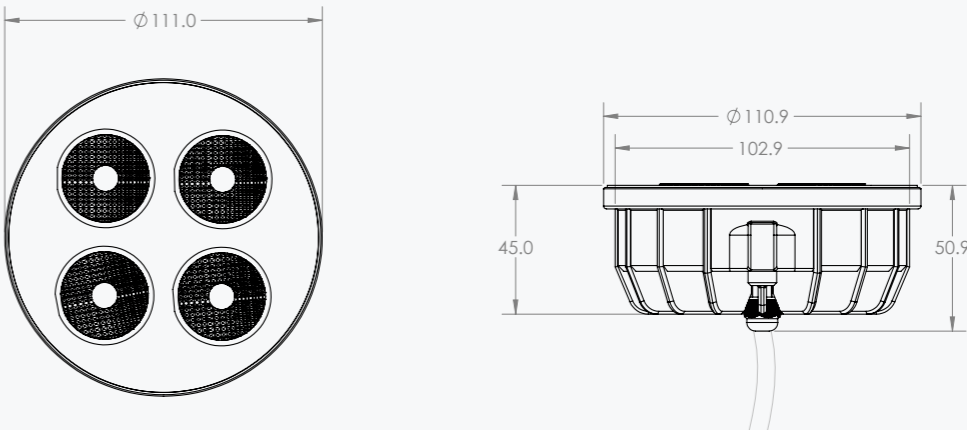**40° : Wide Beam Angle**

TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **19.2W**
Input Current **350mA**
IP Rating **IP50**
LED Type **RGBW**
Housing Cut Out **160mmØ**
Lens Options **15°/25°/40°**
LED Connection **RJ45**
Lumen Output **1,136lm [RGBW] / 908lm [RGBA]**
Operating Temp Range **-20 to 50 °C**

OPTIONAL ACCESSORIES

T-Piece Connector **RJ45**
Gimbal **Tiltable**

DIMENSIONS

Ø111.0
Ø110.9
102.9
45.0
50.9

OPTIONAL TILTABLE GIMBAL HOUSING

GLOSS WHITE

AVAILABLE COLOURS

WHITE   GREY   BLACK

COLOUR SOURCE 16
CC LED DOWNLIGHT

The Colour Source 16 is our most powerful downlight, with four high performance mix-at-source multi-chip LEDs, providing a homogeneous and powerful wash of colour.

Product Code: CS16-DL- RGBW / RGBA

Compatible With : LUD 48 , LUD 192

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TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **19.2W**
Input Current **350mA**
IP Rating **IP67**
LED Type **RGBW**
Housing Cut Out **160mmØ**
Lens Options **15°/25°/40°**
LED Connection **RJ45**
Lumen Output **1,136lm [RGBW] / 908lm [RGBA]**
Operating Temp Range **-20 to 50 °C**

OPTIONAL ACCESSORIES

T-Piece Connector **RJ45**
Gimbal **Tiltable**

DIMENSIONS

Ø111.0
95.9
112.1
Ø110.9
102.9
49.3
55.2

OPTIONAL WALL BRACKET

AVAILABLE COLOURS

WHITE   GREY   BLACK

IP67 COLOUR SOURCE 16

CC LED DOWNLIGHT

The Colour Source 16 is our most powerful downlight, with four high perfor-
mance mix-at-source multi-chip LEDs, providing a homogeneous and powerful
wash of colour, and now with IP67 protection for wet environments.

Product Code: CS16-DL-IP- RGBW / RGBA

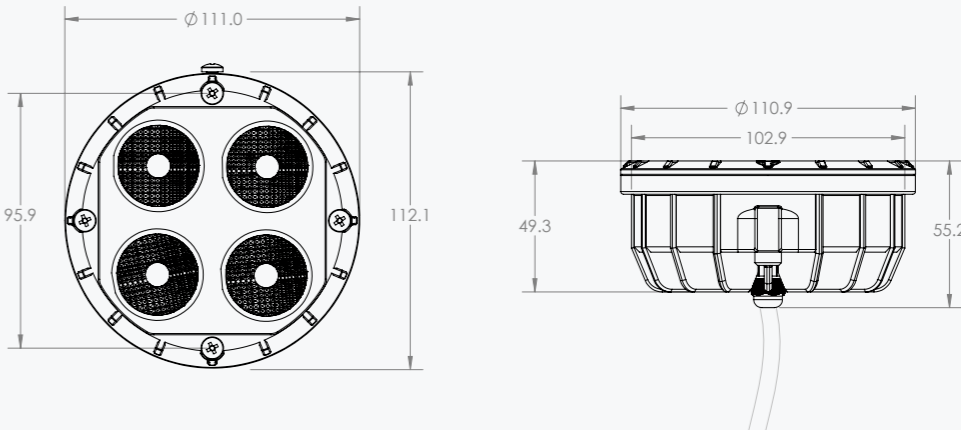**Compatible With : LUD 48 , LUD 192**

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LED INGROUNDS

Ingress-protected inground fixtures, ranging from recessed marker lights to impressive up lights, the inground range has the tool to take on those projects where a recessed solution is required.
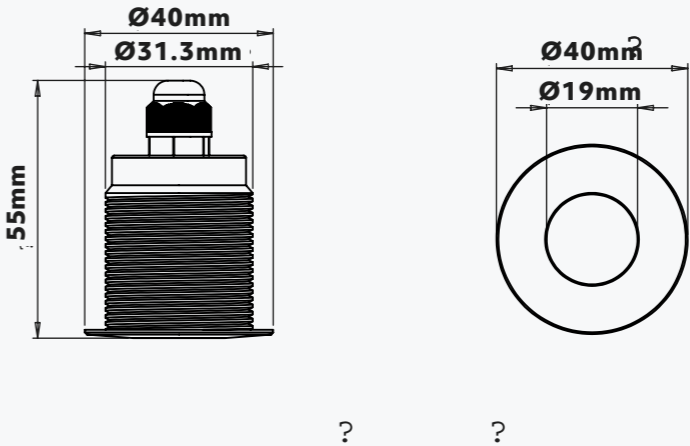
TECHNICAL SPECIFICATIONS

Channels **1Ch**
Wattage **1.2W**
IP Rating **IP67**
LED Type **Single Colour**
Housing Cut Out **32mmØ**
LED Connection **2 Core**
Housing **Anodised Aluminium**
Bezel **316 Stainless Steel**
Lumen Output **67lm[R], 120lm[G], 29lm[B], 73lm[A], 154lm[CW], 146lm [WW]**
Operating Temp Range **-20 to 50 °C**

OPTIONS

Polycarbonate **Clear [8°/25°]**
Polycarbonate **Frosted**

DIMENSIONS

Ø40mm
Ø31.3mm
55mm

Ø40mm
Ø19mm

? ?

SINGLE COLOUR OPTIONS

RED   GREEN   BLUE   AMBER   W/WHITE   WHITE   C/WHITE

AVAILABLE COLOURS

S/STEEL

COLOUR SOURCE 1
CC LED INGROUND

The CS1 might be small, but it is powerful.

One high performance LED thermally managed and housed in a precision engineered IP67 rated anodised aluminium housing.

With 316 stainless steel bezel, this fitting is perfect for step illumination inside or out.

Product Code: CS1-IGM- R / G / B / A / CW / NW / WW

CS1 INGROUND

Outdoor Decking
Installation.

IP67

TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **4.8W**
Input Current **350mA**
IP Rating **IP67**
LED Type **RGBW**
Housing Cut Out **45mmØ**
Lens Options **15°/25°/40°**
LED Connection **RJ45**
Lumen Output **284lm [RGBW] / 227lm [RGBA]**
Operating Temp Range **-20 to 50 °C**

DIMENSIONS

Ø74mm
Ø34mm
18mm
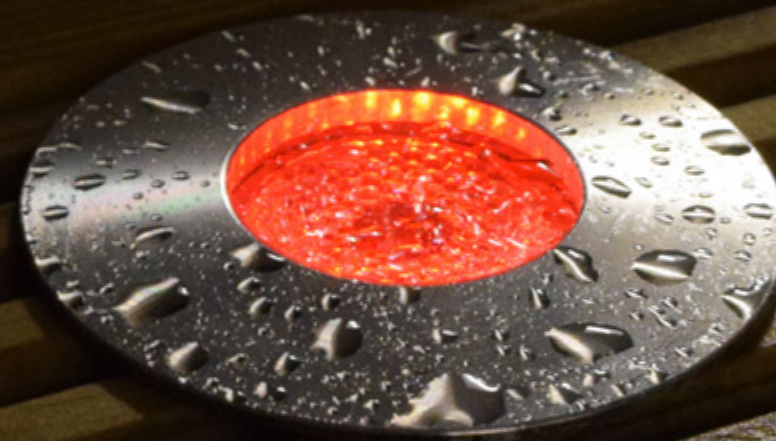52mm
75mm
5mm
Ø74mm

AVAILABLE COLOURS

S/STEEL

COLOUR SOURCE 4

CC LED INGROUND

Our CS4 Inground encases the same technology of our popular Colour Source 4 downlights into an IP67 rated anodised aluminium housing with 316 stainless steel bezel.

Perfect for external deck lighting.

Product Code: CS4-IGM- RGBW / RGBA

Compatible With : LUD 48 , LUD 192

OPTIONAL LENSES

Our lens options are:
15° : Narrow Beam Angle
25° : Medium Beam Angle
40° : Wide Beam Angle

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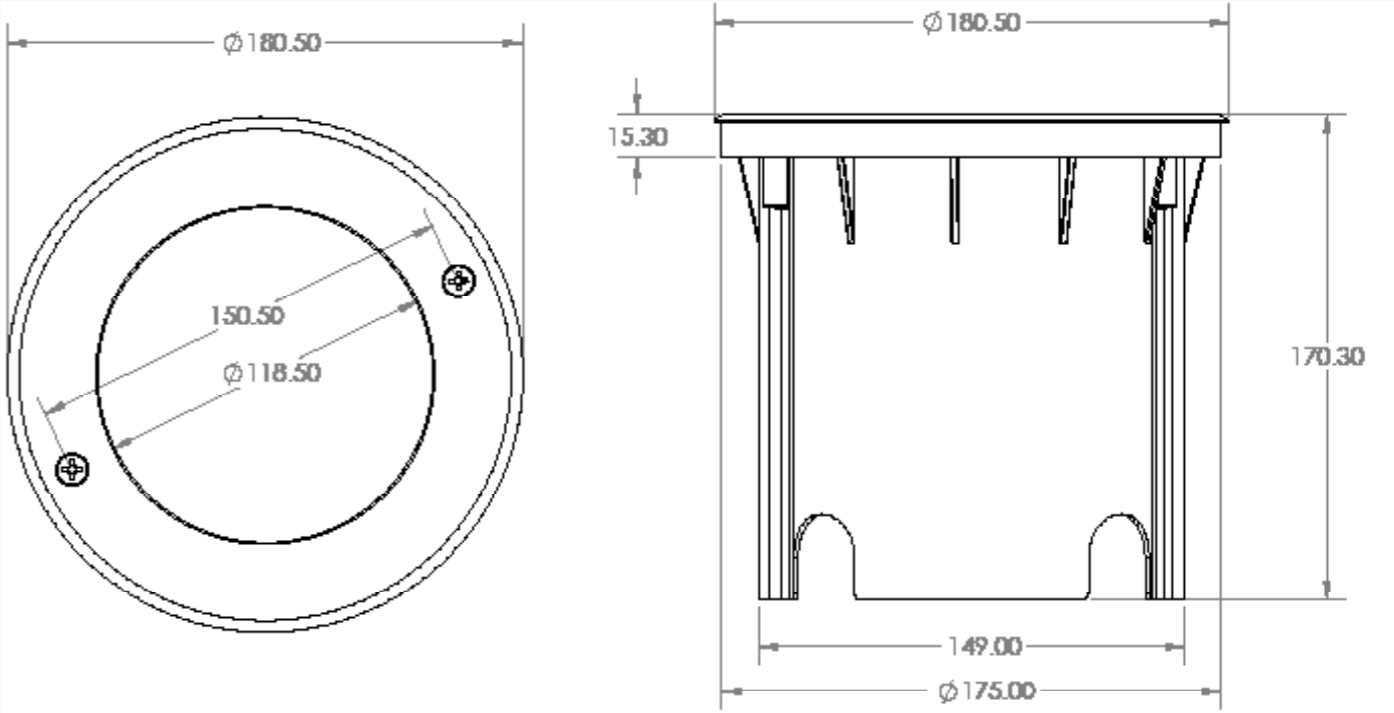**CS4 INGROUND**

Outdoor Decking
Installation.

IP67

TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **19.2W**
Input Current **350mA**
IP Rating **IP67**
LED Type **RGBW**
Housing Cut Out **170(D) x 149(W)mmØ**
Lens Options **15°/25°/40°**
LED Connection **RJ45**
Lumen Output **1,136lm [RGBW] / 908lm [RGBA]**
Operating Temp Range **-20 to 50 °C**

OPTIONAL ACCESSORIES
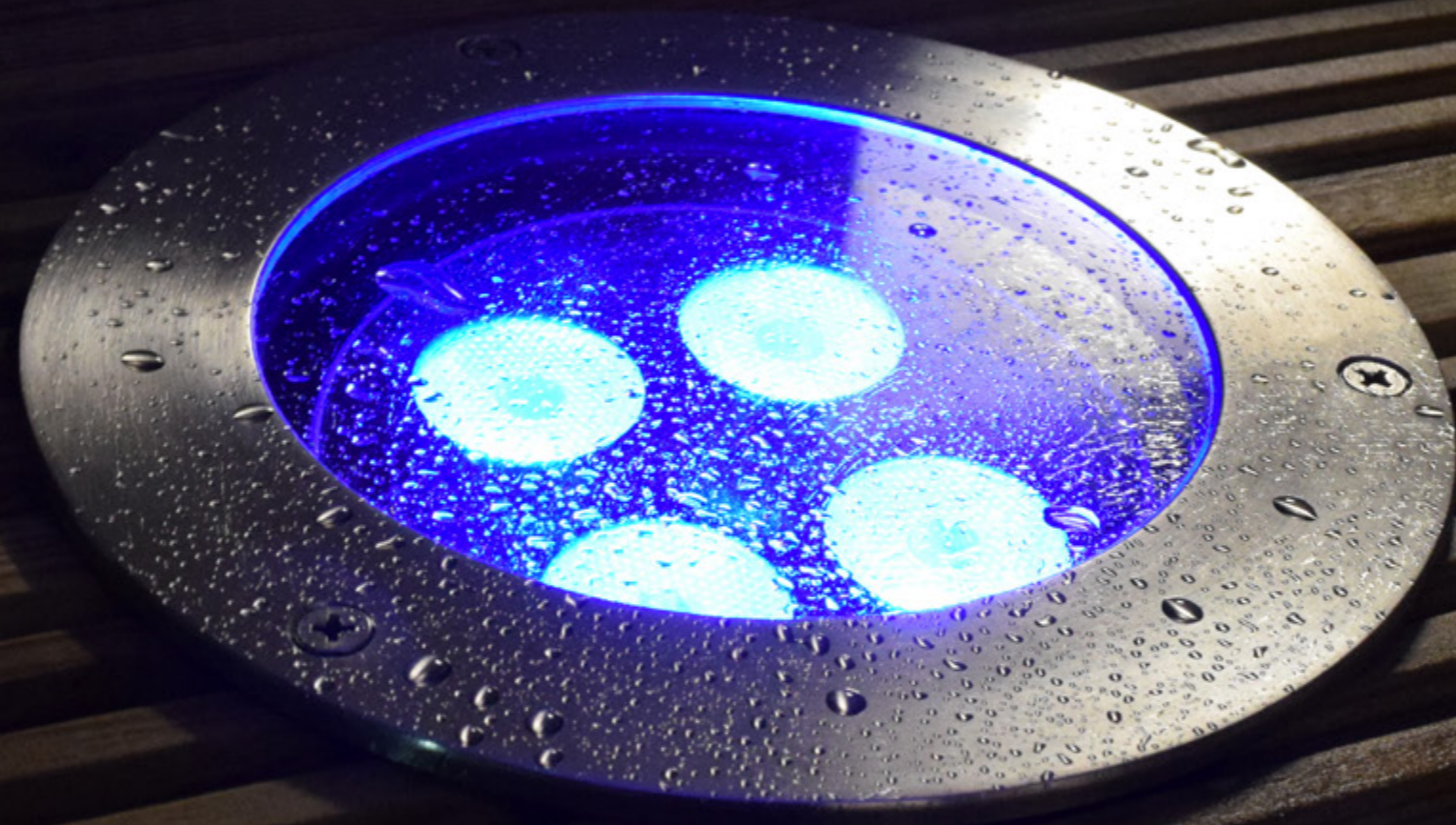
T-Piece Connector **RJ45**

DIMENSIONS

AVAILABLE COLOURS

WHITE   GREY   BLACK

TILT COLOUR SOURCE 16
CC LED INGROUND

This Inground encases the same technology of our powerful Colour Source 16 downlights into an IP67 recessed inground housing with a stainless steel bezel.

Perfect for external applications where a powerful wash is required.

Product Code: CS16-TIG- RGBW / RGBA

Compatible With : LUD 48 , LUD 192

Ø180.50
15.30
150.50
Ø118.50
170.30
Ø180.50
149.00
Ø175.00

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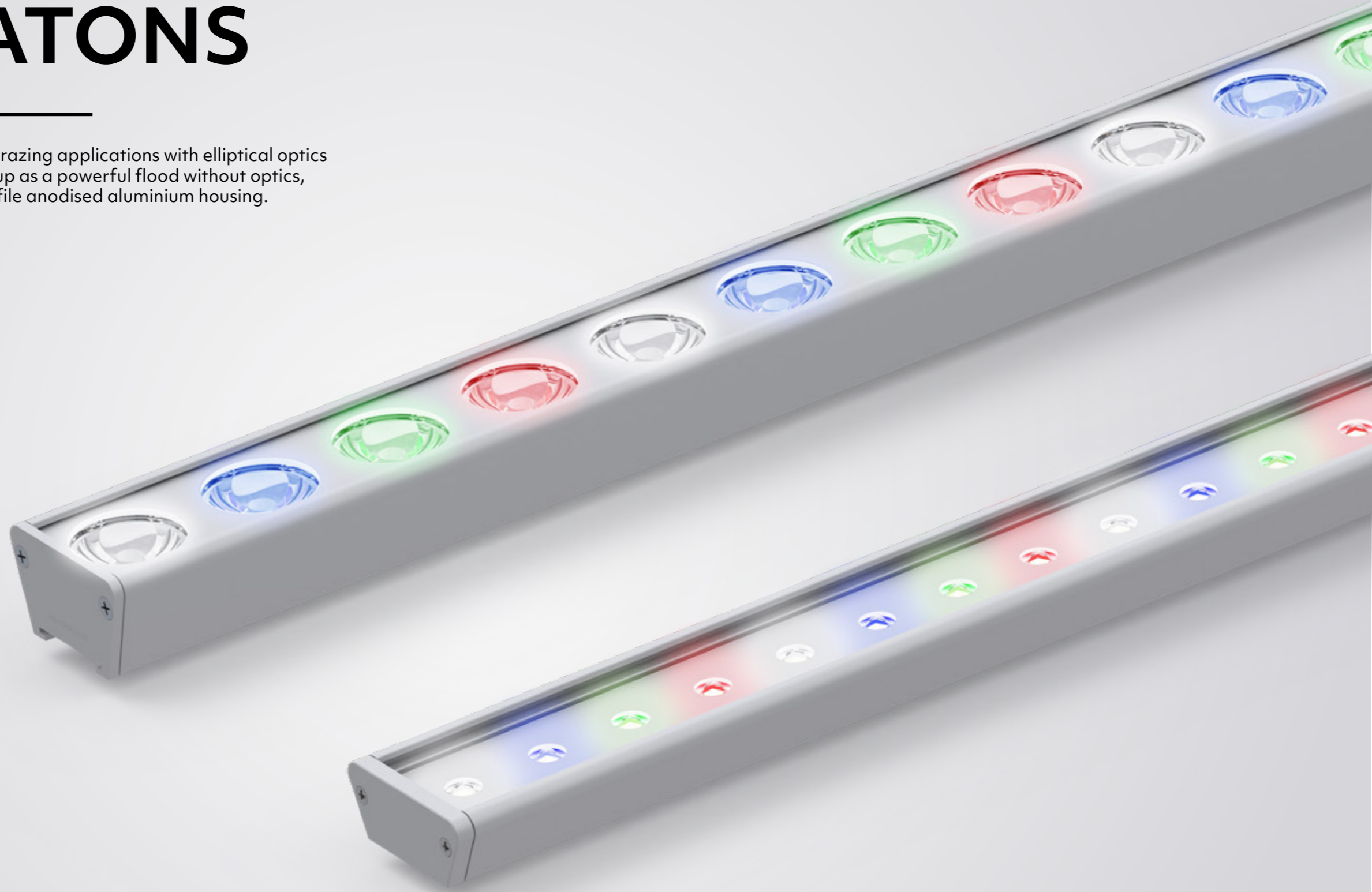Open Mon - Fri   8am - 5pm

CS16 INGROUND

Outdoor Decking
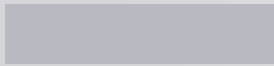Installation.

IP67

LED BATONS

High power linear light perfect for wall grazing applications with elliptical optics and high power LEDs, which doubles up as a powerful flood without optics, beautifully designed in a low profile anodised aluminium housing.
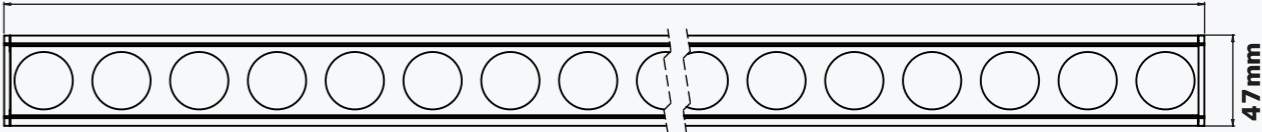
AVAILABLE IN **IP65 HOUSING**

TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **19.2W (400), 38.4W (800), 57.6W (1200)**
IP Rating **IP40**
Input Current **350mA**
LED Type **RGBW**
LED Connection **RJ45**
Lens Options **8°/25°/25° x 8°**
Housing Options **Anodised Aluminium**
Lumen Output **3,700lm/M [RGBW] / 2,890lm/M [RGBA]**
Operating Temp Range **-20 to 50 °C**

DIMENSIONS

47mm

29.40mm

Available Lengths (400mm, 800mm, 1200mm)

47mm

AVAILABLE COLOURS

ANODISED ALUMINIUM

LEDION ULTRA OPTIC

CC LED BATON

Perfect for wall grazing and other applications where high power linear light is required, the optic Ledion Ultra strip provides a high power multi-source linear wash.

Housed in a robust anodised aluminium extrusion and available with an IP65 polycarbonate housing.

Product Code: LUS400/800/1200 -OP- [IP] - RGBW / RGBA

Compatible With : LUD 48 , LUD 192

OPTIONAL LENSES

Our lens options are:

8° : Narrow Beam Angle

25° : Medium Beam Angle

25° x 8° : Eliptical Beam Angle

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LUS1200-OP

Colour Bowl

RGBW

LED WASH LIGHTS

Illuminate the Skyline with our range of external grade wash lights, giving lighting professionals the tools to add colour to a wide range of applications.
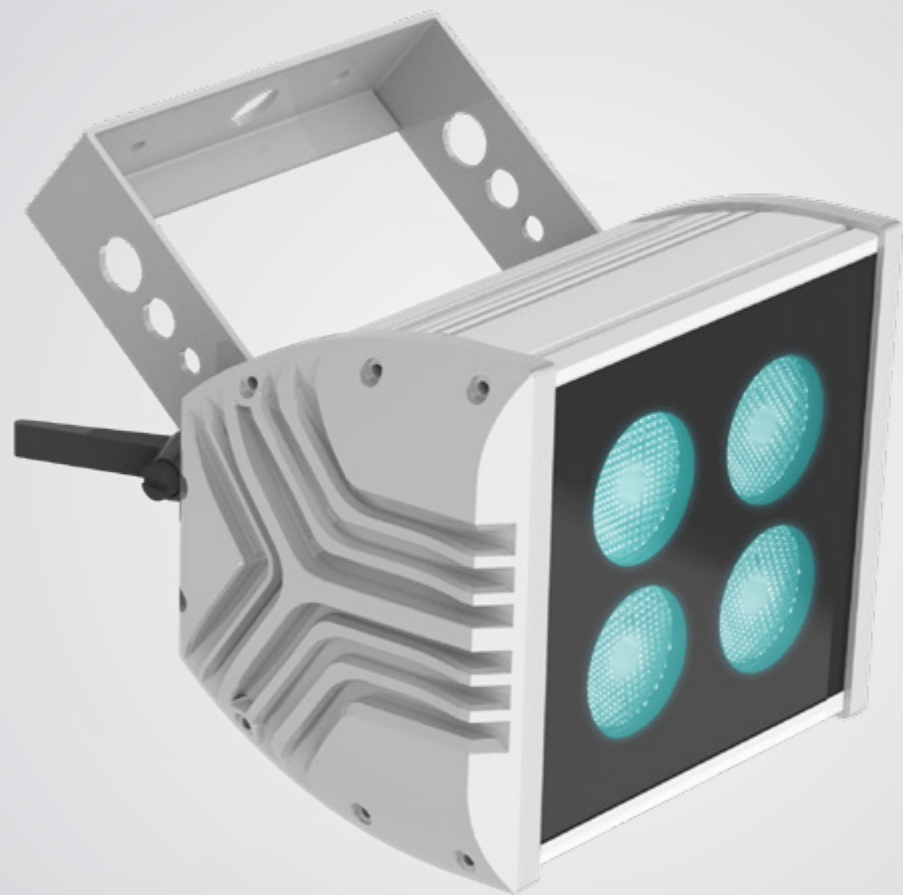
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Open Mon - Fri   8am - 5pm
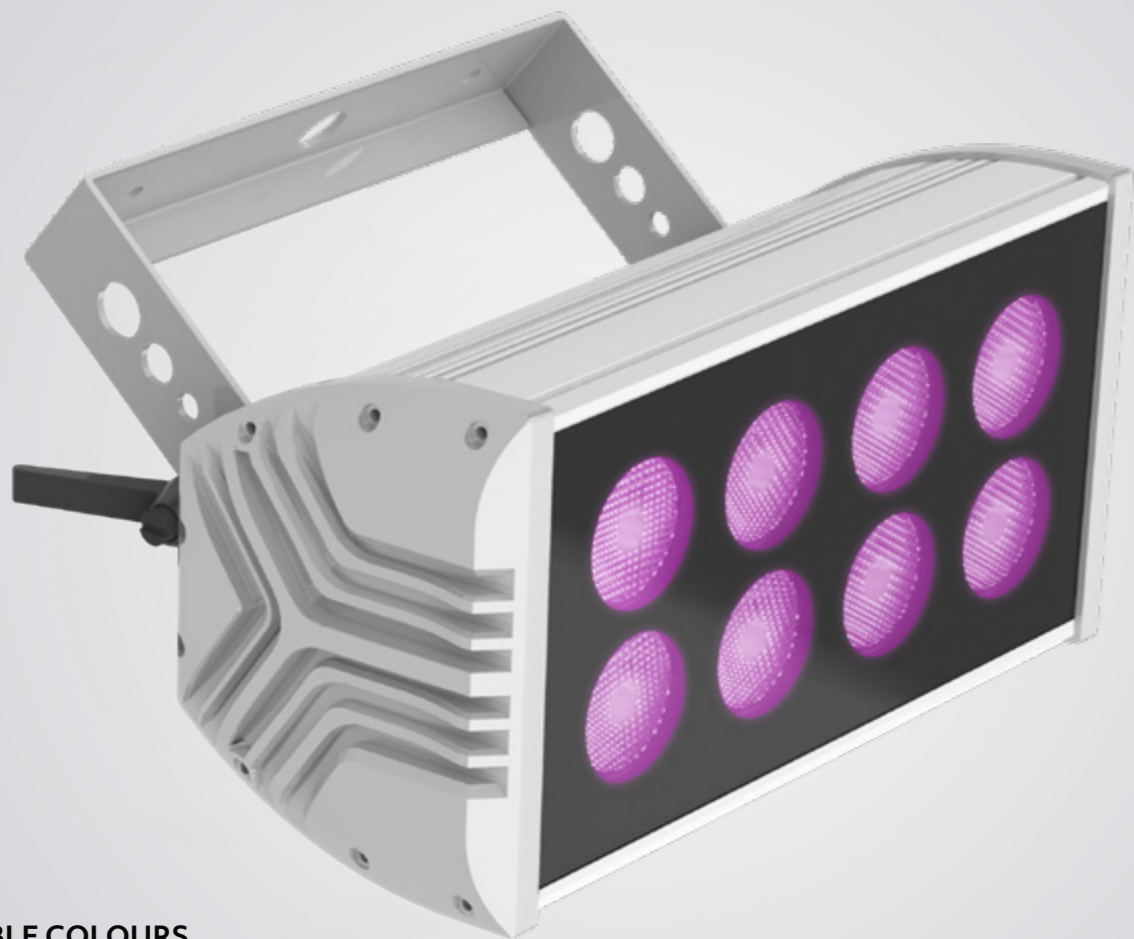
SL4/SL12

Nation Of Shopkeepers
Leeds

IP65

TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **19.2W**
Input Current **350mA**
Environment **Dry Use Only**
LED Type **RGBW**
Housing Options **Grey / White / Black**
Lens Options **15°/25°/40°**
LED Connection **RJ45**
Lumen Output **1120lm [RGBW]**
Operating Temp Range **-20 to 50 °C**

DIMENSIONS

120mm
114mm

187mm
92mm
114mm

AVAILABLE COLOURS

WHITE   GREY   BLACK

SKYLINE 4

CC LED WASH LIGHT

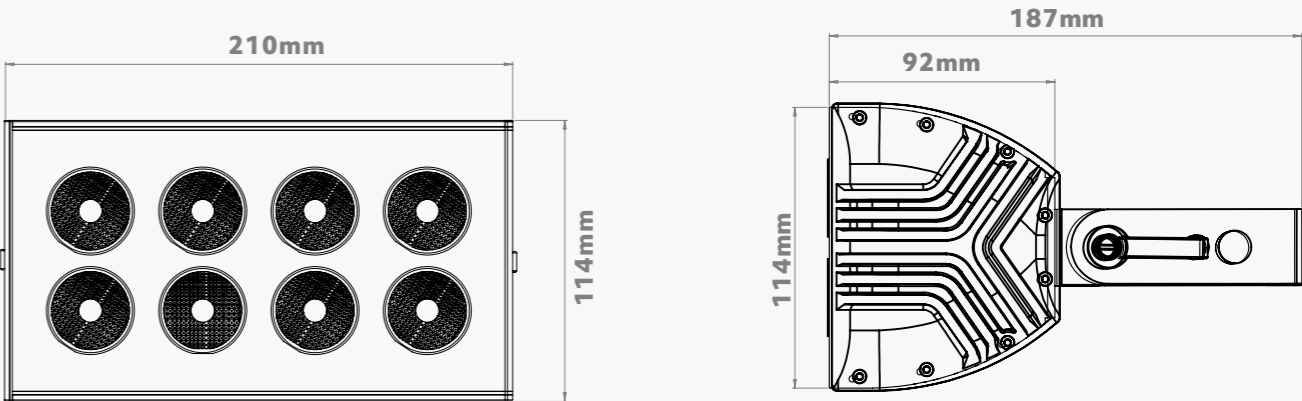Packing a powerful colour mix at source with the latest in multi-chip LED technology neatly packed into and thermally managed by an IP40 rated aluminium housing.

Making this fitting suitable for a wide variety of applications.

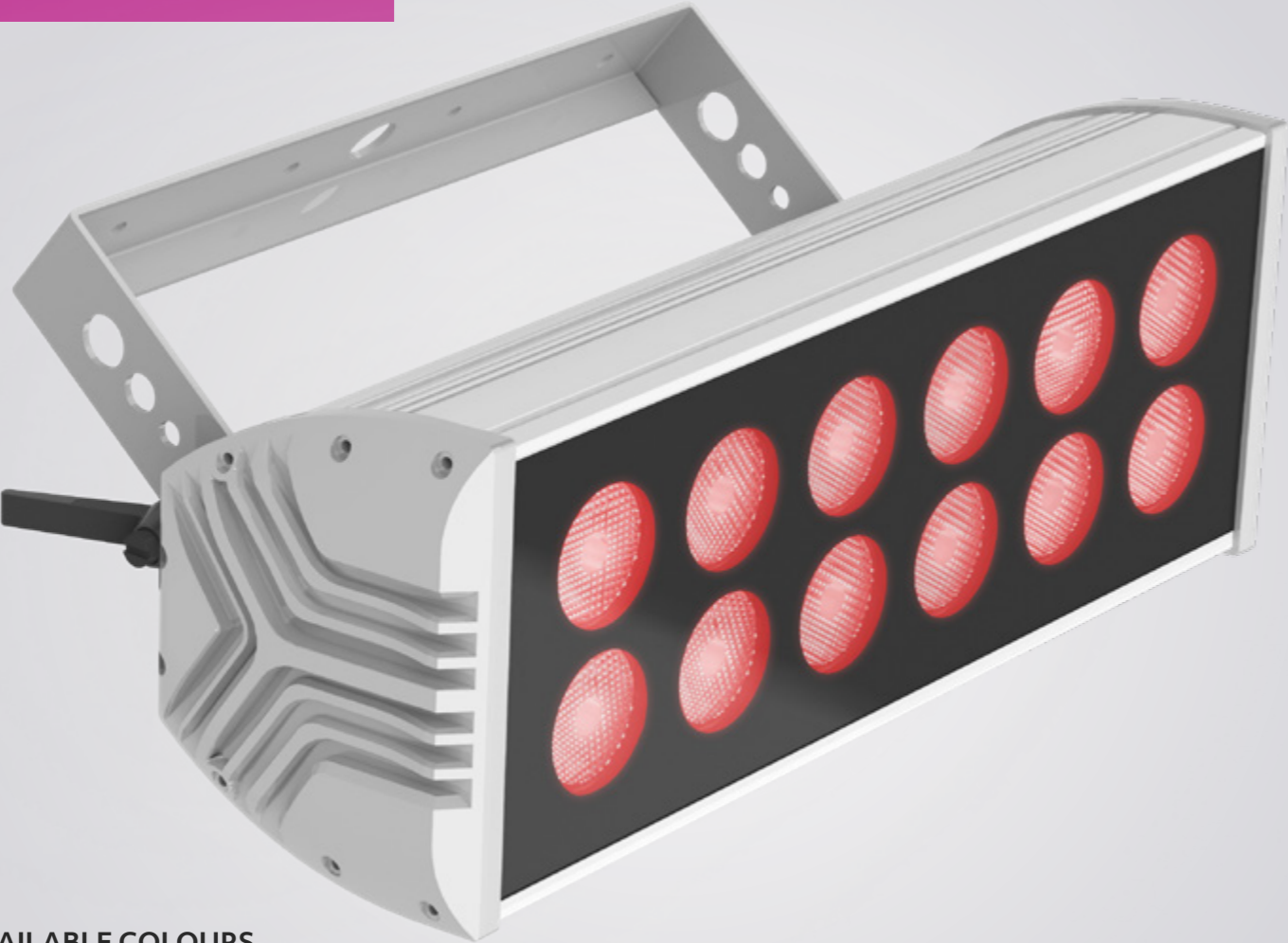**Compatible With : 350mA DMX Driver**

TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **38.4W**
Input Current **350mA**
Environment **Dry Use Only**
LED Type **RGBW**
Housing Options **Grey / White / Black**
Lens Options **15°/25°/40°**
LED Connection **RJ45**
Lumen Output **2240lm [RGBW]**
Operating Temp Range **-20 to 50 °C**

DIMENSIONS

210mm
114mm

187mm
92mm
114mm

?   ?

AVAILABLE COLOURS

WHITE   GREY   BLACK

SKYLINE 8

CC LED WASH LIGHT

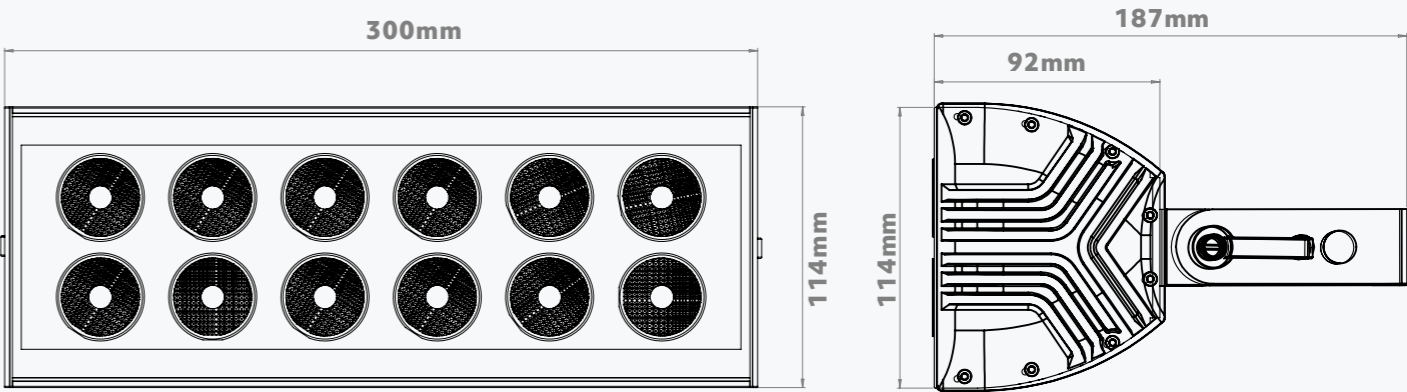Packing a powerful colour mix at source with the latest in multi-chip LED technology.

It is neatly packed into and thermally managed by an IP40 rated aluminium housing, making this fitting suitable for a wide variety of applications.

Compatible With : 350mA DMX Driver

TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **57.6W**
Input Current **350mA**
Environment **Dry Use Only**
LED Type **RGBW**
Housing Options **Grey / White / Black**
Lens Options **15°/25°/40°**
LED Connection **RJ45**
Lumen Output **3360lm [RGBW]**
Operating Temp Range **-20 to 50 °C**

DIMENSIONS

300mm
114mm
187mm
92mm
114mm

?   ?

AVAILABLE COLOURS

WHITE   GREY   BLACK

SKYLINE 12

CC LED WASH LIGHT

Packing a powerful colour mix at source with the latest in multi-chip LED technology.

It is neatly packed into and thermally managed by an IP40rated aluminium housing, making this fitting suitable for a wide variety of applications.
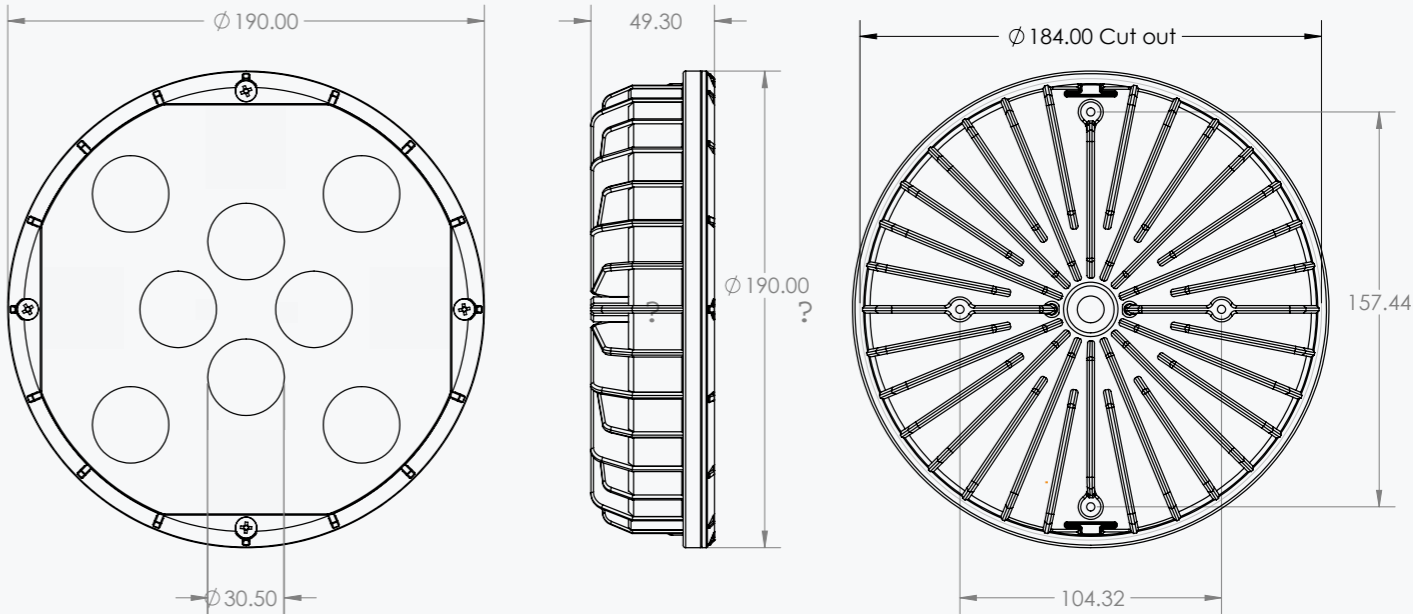
Compatible With : 350mA DMX Driver

TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **40W**
Input Current **350mA**
Environment **Indoor/Outdoor**
Forward Voltage **16VF**
Cycle Rate **430Hz**
LED Type **RGBW**
LED Connection **RJ45**
Housing Options **Grey / White / Black**
Lens Options **10°/15°/25°/40°**
LED Quantity **8**
Lumen Output **1,136lm [RGBW]**
Operating Temp Range **-20 to 50 °C**

AVAILABLE COLOURS

WHITE   GREY   BLACK

SKYLINE ROUND 8

CC LED WASH LIGHT

- High powered White
- RGB color change modes
- Low energy consumption
- Multiple beam options
- Smooth dimming curve
- Silent convection cooling
- Aluminium extruded housing
- Wall & Ceiling mount orientation

- TV camera safe 430Hz
- 40W (MAX) color change mode
- Continuous duty cycle
- Includes 1.5 meter RJ45
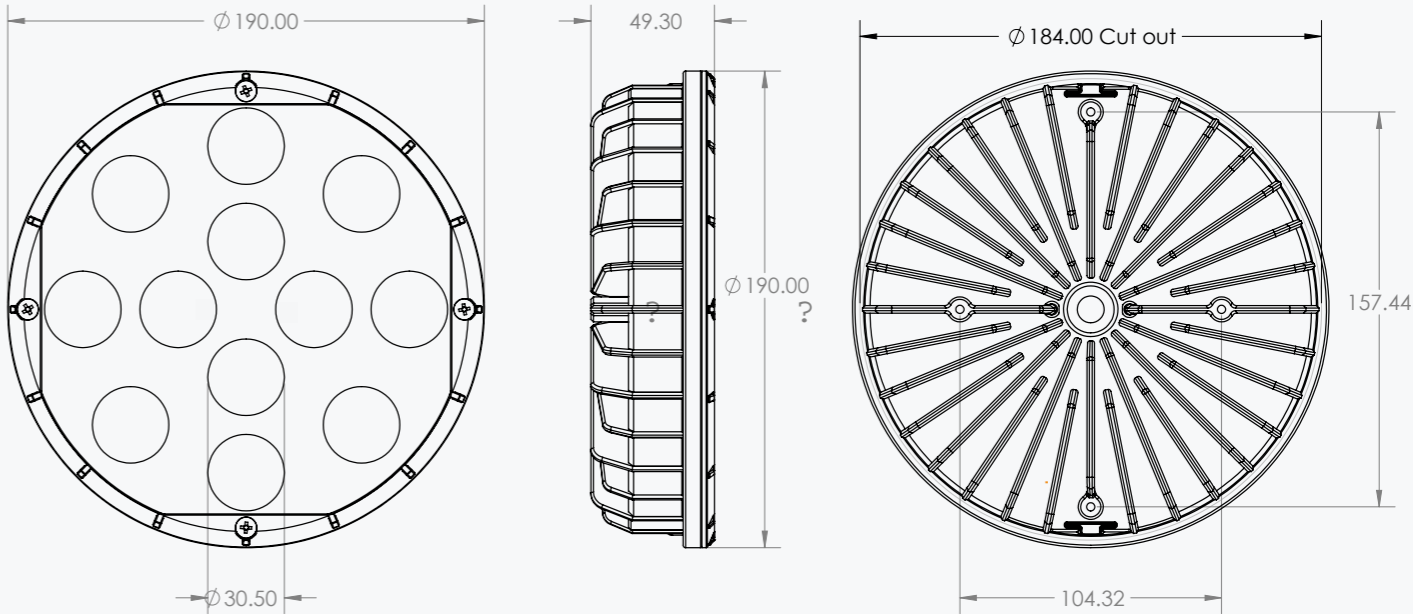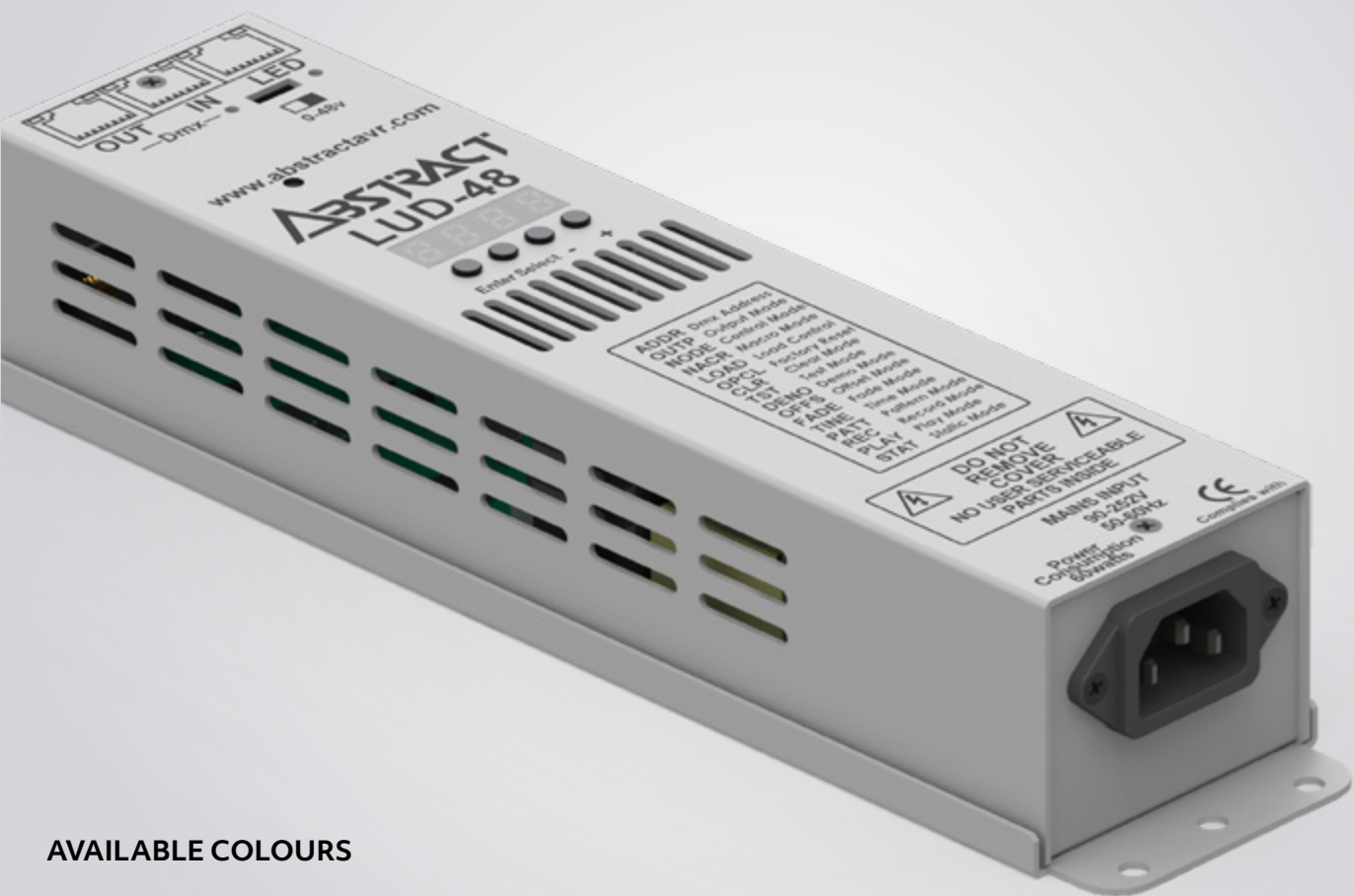- Made in the UK
- IECCC compliant

Compatible With : 350mA DMX Driver

DIMENSIONS

Ø 190.00
49.30
Ø 184.00 Cut out
Ø 190.00
157.44
Ø 30.50
104.32

44

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45

AVAILABLE COLOURS

WHITE   GREY   BLACK

SKYLINE ROUND 12

CC LED WASH LIGHT

• High powered White
• RGB color change modes
• Low energy consumption
• Multiple beam options
• Smooth dimming curve
• Silent convection cooling
• Aluminium extruded housing
• Wall & Ceiling mount orientation

• TV camera safe 430Hz
• 60W (MAX) color change mode
• Continuous duty cycle
• Includes 1.5 meter RJ45
• Made in the UK
• IECCC compliant

Compatible With : 350mA DMX Driver

TECHNICAL SPECIFICATIONS

Channels **4Ch**
Wattage **60W**
Input Current **350mA**
Environment **Indoor/Outdoor**
Forward Voltage **16VF**
Cycle Rate **430Hz**
LED Type **RGBW**
LED Connection **RJ45**
Housing Options **Grey / White / Black**
Lens Options **10°/15°/25°/40°**
LED Quantity **12**
Lumen Output **1,136lm [RGBW]**
Operating Temp Range **-20 to 50 °C**

DIMENSIONS

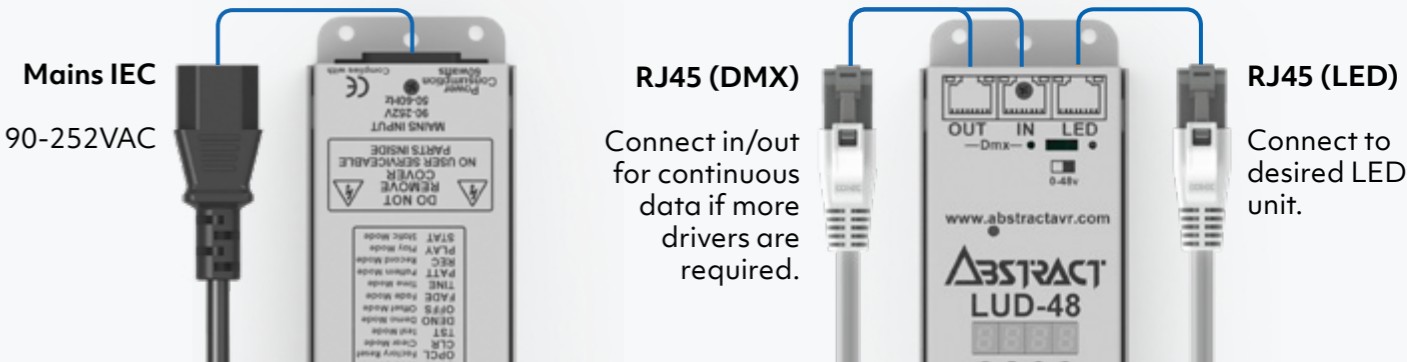# TECHNICAL SPECIFICATIONS

Output Current **350mA**
LED Outputs **1**
Max Voltage **48V**
Power Consumption **60W**
Channels **1-4Ch (RGB[W])**
Power Input Mains **100-240VAC**
Data & LED Connections **RJ45**
Operating Temp Range **-20°to 50 °C**

DIMENSIONS

65.50mm

48.40mm

271.20mm

242mm

48.40mm

AVAILABLE COLOURS

WHITE   GREY   BLACK

LEDION ULTRA DRIVE 48

CC LED DMX DRIVER

Driver technology doesn't come any more tested than the LUD48, with over 15 years in the field to back it up, this DMX driver will keep your 350mA LED lighting running... and running... and running.

Product Code: LUD48-D

CONNECTIONS

Mains IEC

90-252VAC

RJ45 (DMX)

Connect in/out for continuous data if more drivers are required.

RJ45 (LED)

Connect to desired LED unit.

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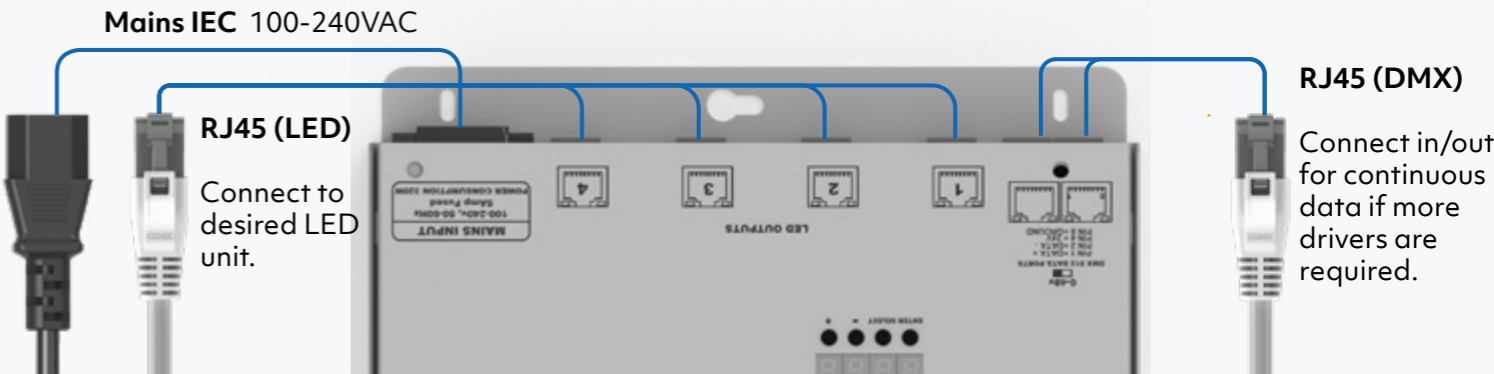www.abstract.co.uk

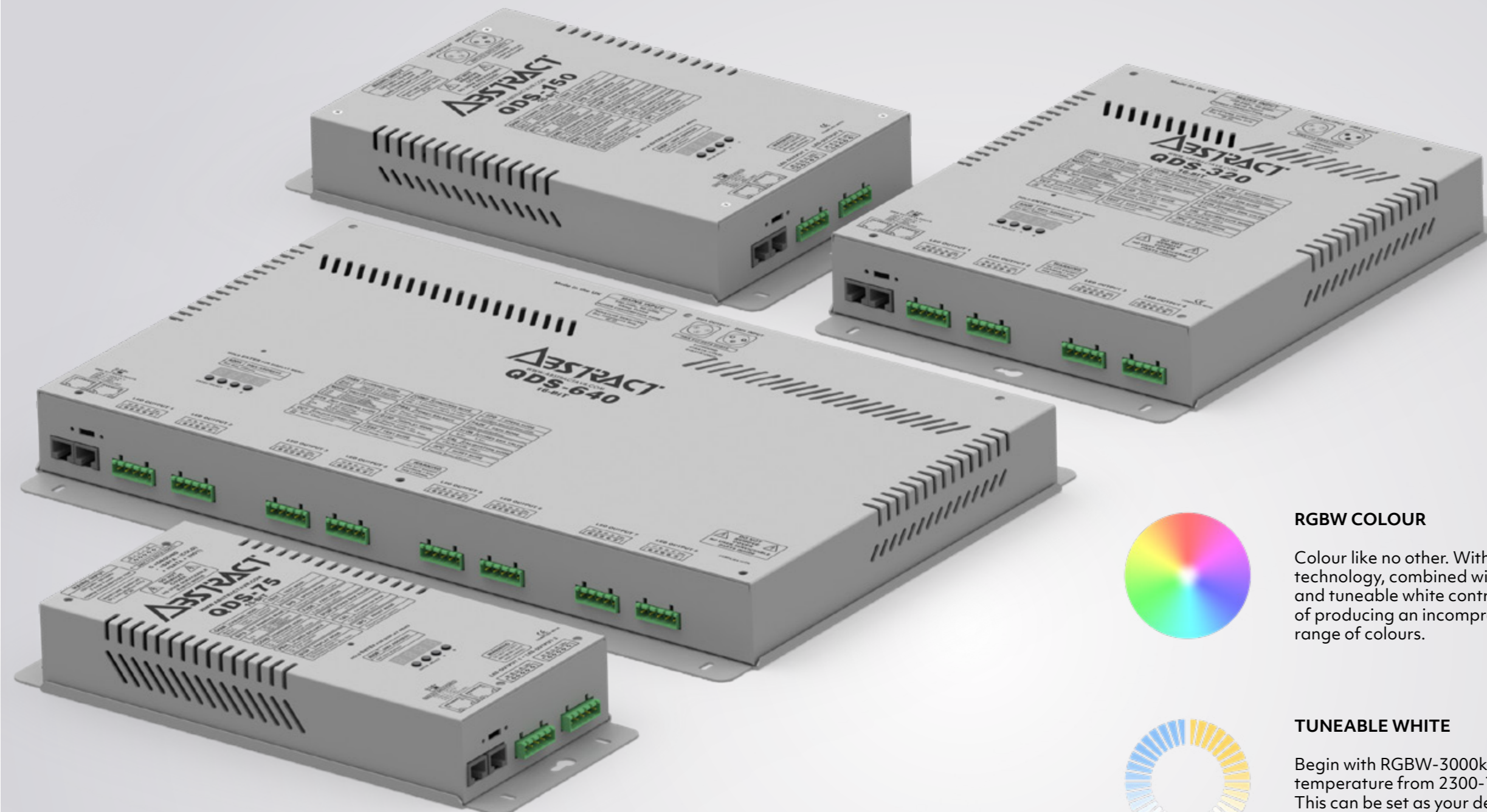T: +44 (0)116 278 8078
Open Mon - Fri   8am - 5pm

TECHNICAL SPECIFICATIONS

Output Current **350mA**
LED Outputs **4**
Max Voltage **48V**
Power Consumption **240W**
Channels **1-16Ch (RGB[W])**
Power Input Mains **100-240VAC**
Data & LED Connections **RJ45**
Operating Temp Range **-20° to 50 °C**

DIMENSIONS

234mm
48.40mm
311mm
265mm
48.40mm

AVAILABLE COLOURS

WHITE   GREY   BLACK

LEDION ULTRA DRIVE 192

CC LED DMX DRIVER

Utilising the proven technology of the ledion ultra 48, with over 15 years in the field to back it up, this DMX driver will safely power & control more of your 350mA LED from one driver unit.

Product Code: LUD192-D

CONNECTIONS

Mains IEC 100-240VAC

RJ45 (LED)

Connect to desired LED unit.

RJ45 (DMX)

Connect in/out for continuous data if more drivers are required.

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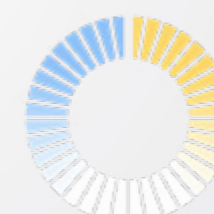Open Mon - Fri   8am - 5pm
51

QDS RANGE

24V **INTEGATED** LED DRVERS

Designed to work with 24v RGB and RGBW LED strip: Power up to 300% more linear meters per watt; experience super smooth 16bit dimming; control RGB colour & CCT from 2300-7000k; all from the most intelligent DMX driver range on the market.

RGBW COLOUR

Colour like no other. With pioneering power balance technology, combined with all new 16bit technology and tuneable white control, our new driver is capable of producing an incomprehensible and unrivalled range of colours.

TUNEABLE WHITE

Begin with RGBW-3000k LED and adjust colour temperature from 2300-7000k directly from the driver. This can be set as your desired White in 4 channel mode, or set driver to 5ch mode for R,G,B, Tuneable White control via DMX

SMOOTH DIMMING

Experience super smooth dimming with 65,000 dimming steps from 0-100% in 16bit mode, or simulate the same dimming performance in 8bit fade mode without the need for a 16bit controller. (Standard 8bit mode available too)

POWER BALANCE MODE

Our unique power balancing technology ensures that all colours are driven equally for even output across primary, secondary and tertiary colours. Resulting in lower energy consumption, with up to 300% more linear meters driven per watt, and increased longevity.

RUN **15M** 60 LED/M RGBW

TECHNICAL SPECIFICATIONS

Voltage **24V**
LED Outputs **2**
Output Current **5A Per Channel**
Power Consumption **75W**
Channels **1-8Ch (RGB[W]x2)**
Power Input Mains **110-240VAC**
Data Connections **3 Pin XLR / RJ45**
LED Connection **5 Pin Pheonix Connector**
Operating Temp Range **-20° to 50°C**

DIMENSIONS

126.60mm
48.40mm
311mm
265mm
48.40mm

AVAILABLE COLOURS

WHITE   GREY   BLACK

QUAD DRIVE S 75

CV LED DMX DRIVER

Designed to work with 60 LED per meter RGB/W SMD5050 LED

Ideal for home cinema rooms, kitchens, bars. This driver is perfect for taking care of those small projects where up to 15 meters of colour change LED strip needs powering.

With super smooth 16bit dimming and unrivalled RGB + tuneable white control, welcome to the most advanced DMX driver technology on the market.

Product Code: QDS-75

CONNECTIONS

3 Pin XLR

Connect in/out for continuous data if more drivers are required.

CAT5 RJ45

Alternative DMX
Connect in/out for continuous data if more drivers are required.

Mains IEC

110-240VAC

5 Pin Pheonix Connector

Connect to LED Tape, upto 7.5 Meters per output. (15M Total)

PIN 1 = WHITE
PIN 2 = BLUE
PIN 3 = GREEN
PIN 4 = RED
PIN 5 = 24V +

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RUN **30M** 60 LED/M RGBW

TECHNICAL SPECIFICATIONS

Voltage **24V**
LED Outputs **2**
Output Current **5A**
Power Consumption **150W**
Channels **1-8Ch (RGB[W]x2)**
Power Input Mains **110-240VAC**
Data Connections **3 Pin XLR / RJ45**
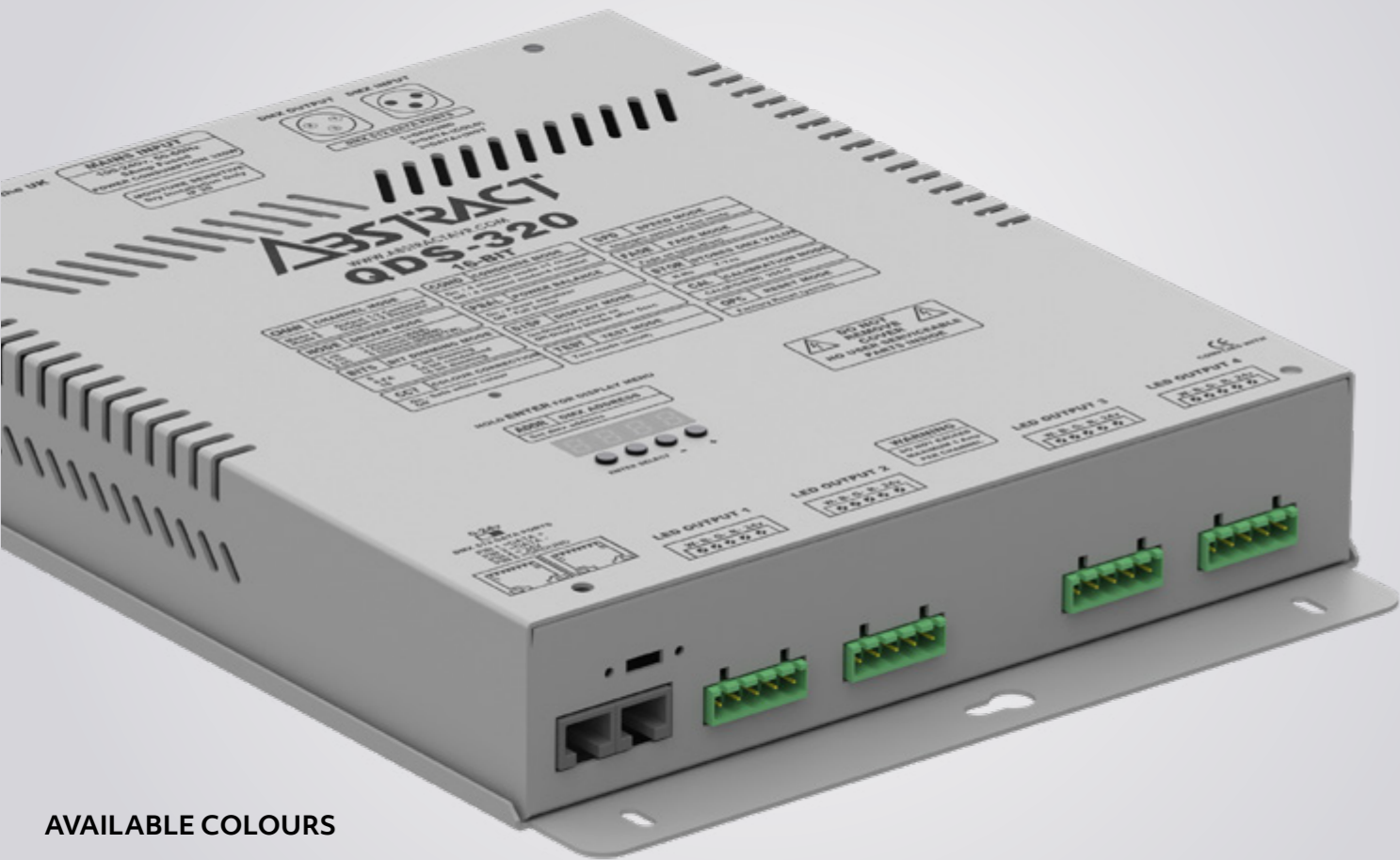LED Connection **5 Pin Pheonix Connector**
Operating Temp Range **-20° to 50°C**

DIMENSIONS

178mm

48.40mm

311mm

265mm

48.40mm

AVAILABLE COLOURS

WHITE   GREY   BLACK

QUAD DRIVE S 150

CV LED DMX DRIVER

Designed to work with 60 LED per meter RGB/W SMD5050 LED

With twice the power of its predecessor, start to take on multiple rooms of colour change LED strip from a single driver unit, driving up to 30 meters across up to two controllable zones.

Experience lighting at its best with super smooth 16bit dimming and RGB + tuneable white control, from the most advanced DMX driver technology on the market.

Product Code: QDS-150

CONNECTIONS

3 Pin XLR

Connect in/out for continuous data if more drivers are required.

CAT5 RJ45

Alternative DMX
Connect in/out for continuous data if more drivers are required.

Mains IEC

110-240VAC

5 Pin Pheonix Connector

Connect to LED Tape, upto 15 Meters per output. (30M Total)

PIN 1 = WHITE
PIN 2 = BLUE
PIN 3 = GREEN
PIN 4 = RED
PIN 5 = 24V +

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RUN **60M** 60 LED/M RGBW

AVAILABLE COLOURS

WHITE   GREY   BLACK

QUAD DRIVE S 320

CV LED DMX DRIVER

Designed to work with 60 LED per meter RGB/W SMD5050 LED

Make medium sized installations simple. With up to four zones of control and up to 60M of colour change LED strip all powered from one intelligent box.
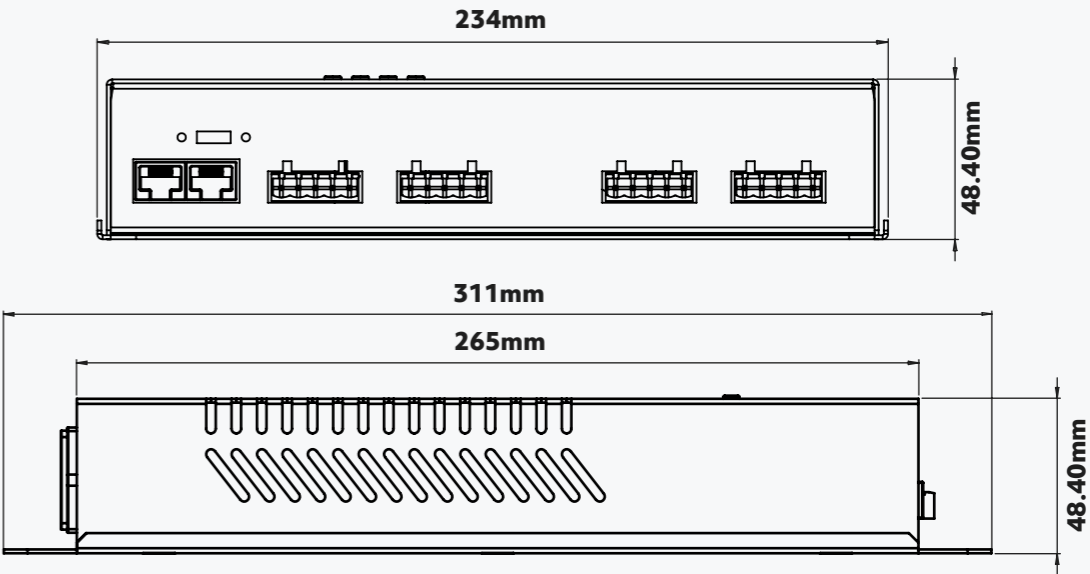
A premium quality product, with super smooth 16bit dimming and unrivalled RGB + tuneable white control, this is the most advanced DMX driver technology on the market.

Product Code: QDS-320

TECHNICAL SPECIFICATIONS

Voltage **24V**
LED Outputs **4**
Output Current **5A**
Power Consumption **320W**
Channels **1-16Ch (RGB[W]x4)**
Power Input Mains **110-240VAC**
Data Connections **3 Pin XLR / RJ45**
LED Connection **5 Pin Pheonix Connector**
Operating Temp Range **-20° to 50°C**

DIMENSIONS

234mm

48.40mm
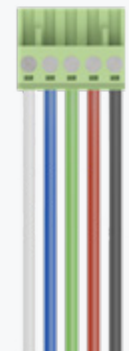
311mm

265mm

48.40mm

CONNECTIONS

3 Pin XLR

Connect in/out for continuous data if more drivers are required.

CAT5 RJ45

Alternative DMX Connect in/out for continuous data if more drivers are required.
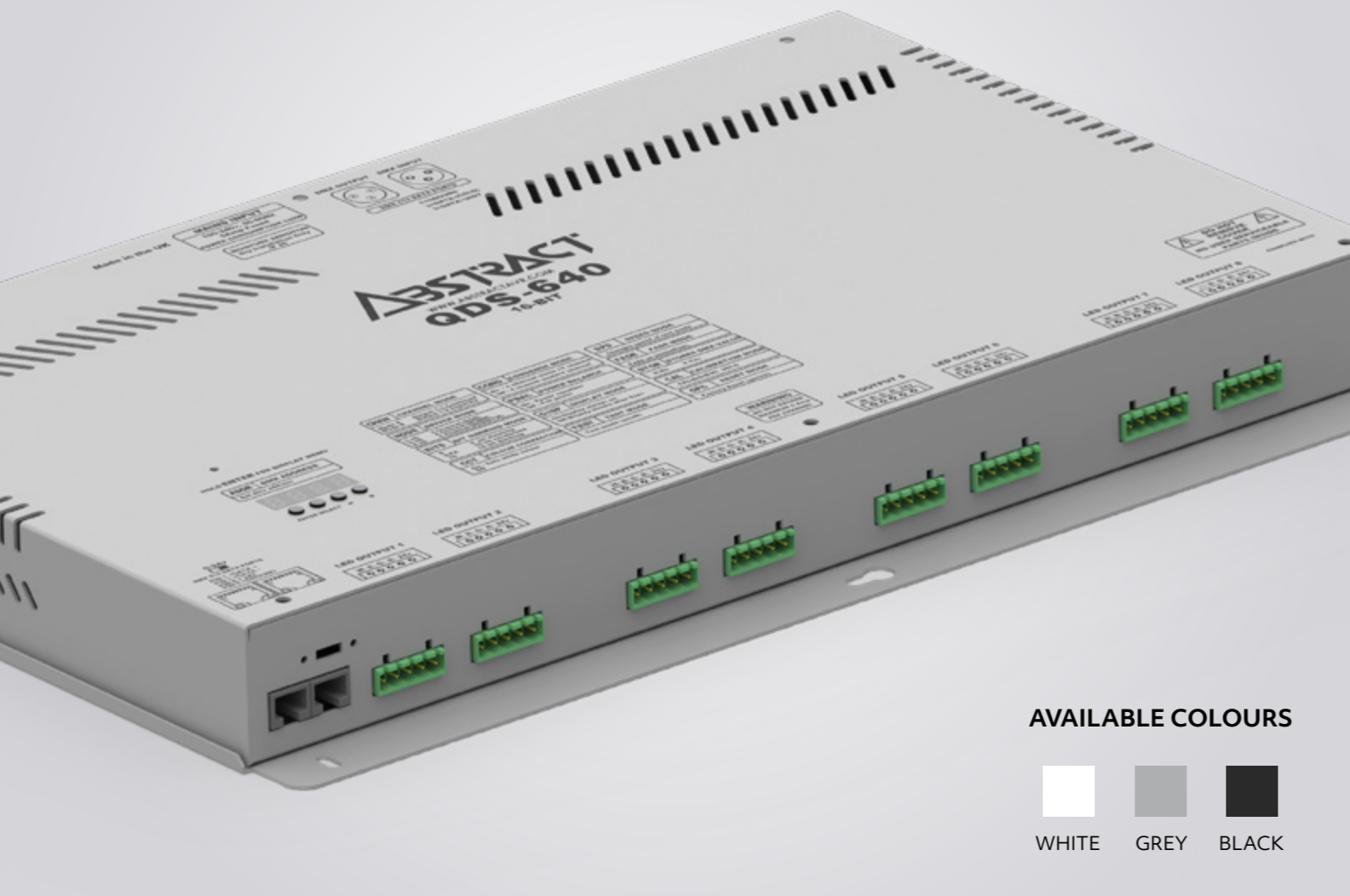
Mains IEC

110-240VAC

5 Pin Pheonix Connector

Connect to LED Tape, upto 15 Meters per output. (60M Total)

PIN 1 = WHITE
PIN 2 = BLUE
PIN 3 = GREEN
PIN 4 = RED
PIN 5 = 24V +

RUN **120M** 60 LED/M RGBW

TECHNICAL SPECIFICATIONS

Voltage **24V**
LED Outputs **8**
Output Current **5A**
Power Consumption **640W**
Channels **1-32Ch (RGB[W]x8)**
Power Input Mains **110-240VAC**
Data Connections **3 Pin XLR / RJ45**
LED Connection **5 Pin Pheonix Connector**
Operating Temp Range **-20° to 50°C**

DIMENSIONS

460mm

48.40mm

311mm

265mm

48.40mm

AVAILABLE COLOURS

WHITE   GREY   BLACK

QUAD DRIVE S 640

CV LED DMX DRIVER

Designed to work with 60 LED per meter RGB/W SMD5050 LED

For those larger installations, power upto eight zones of control and up to 120M of colour change LED strip all taken care of from one powerhouse of quality driving technology.

A premium product with super smooth 16bit dimming and unrivalled RGB + tuneable white control, ready to make light work of big projects.

Product Code: QDS-640

CONNECTIONS

3 Pin XLR

Connect in/out for continuous data if more drivers are required.

CAT5 RJ45

Alternative DMX
Connect in/out for continuous data if more drivers are required.

Mains IEC

110-240VAC

5 Pin Pheonix Connector

Connect to LED Tape, upto 15 Meters per output. (120M Total)

PIN 1 = WHITE
PIN 2 = BLUE
PIN 3 = GREEN
PIN 4 = RED
PIN 5 = 24V +

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61

TECHNICAL SPECIFICATIONS

Voltage **12V-48V**
DMX Channels **64**
Material **Stainless Steel**
Controller Buttons **4 multifunction buttons with display screen**
Capability **QDS Range / LUD Range / Any DMX Unit**
Power Input **DC Power Via Drivers/Power Supplies**
Mounting **Single Pattress Box**
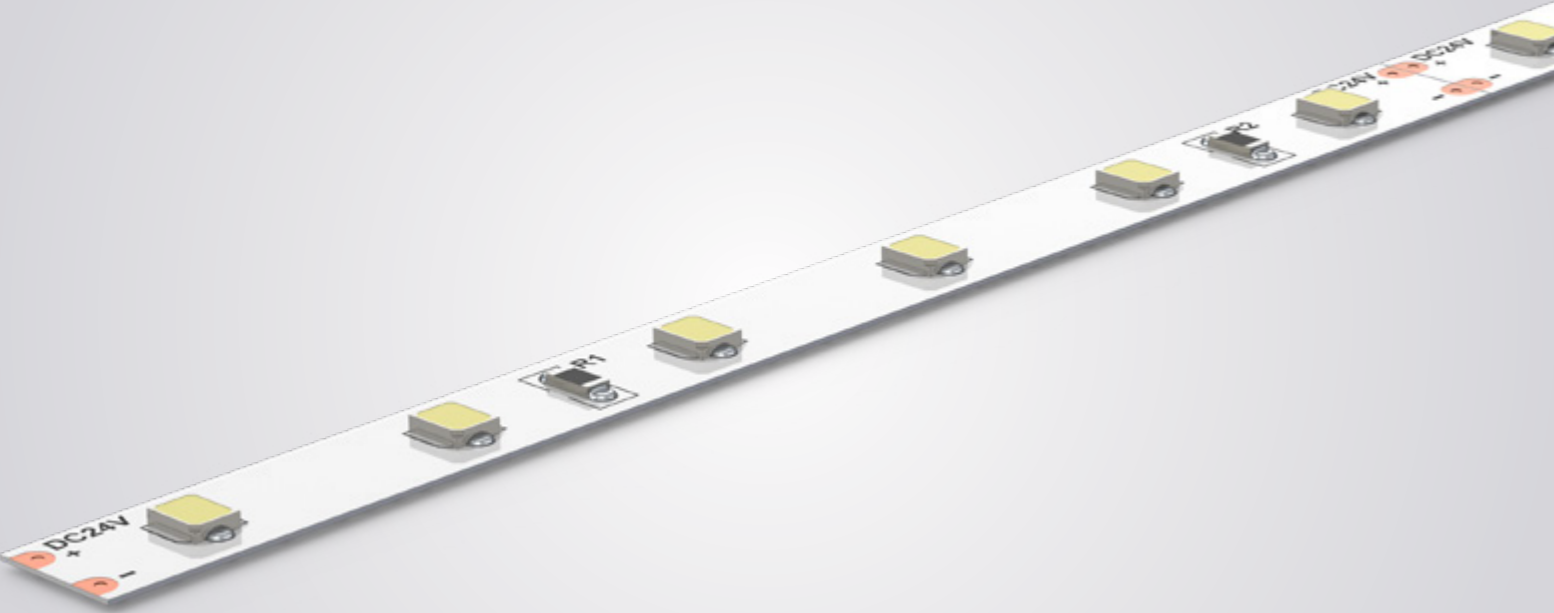Controller Connection **4 Pin Phoenix Connector**

DIMENSIONS

86mm

86mm

4mm

AVAILABLE COLOURS

WHITE

BRUSHED STEEL

BLACK

LEDION ULTRA CONTROLLER 02

DMX CONTROLLER

With the ability to select a static colour, select & control speed of colour fade, control brightness, the ledion ultra controller is the most user friendly way of taking control of a single zone of RGBW LED.

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Bonbonniere

London

**LED TAPE
INSTALLATION**

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Open Mon - Fri   8am - 5pm

TECHNICAL SPECIFICATIONS

Voltage **24V**
LED's Per Meter **60**
LED Type **SMD2835**
Power Consumption **12W/M**
Channels **1Ch [WW] [NW] [CW]**
IP Rating **IP20**
Cutting Points **100mm**
Lumen Output **1,608lm/M[WW], 1,680lm/M [NW], 1,608lm/M [CW]**
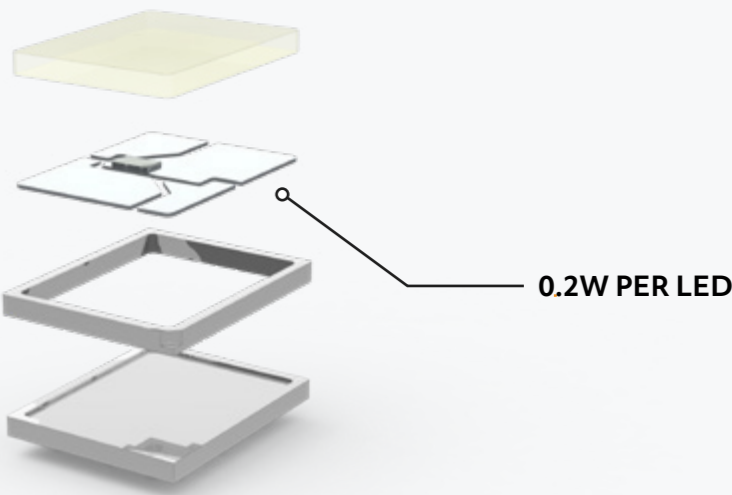Operating Temp Range **-20 to 50 °C**

DIMENSIONS

Upto 5 meters (Custom lengths available)

16.5mm

8mm

100mm

AVAILABLE WHITE

3000k   6000k

LED TECHNOLOGY

SMD2835 WHITE LED

The SMD2835 is the most efficient White SMD technology, with a higher lumen output per watt and unrivalled epistar quality,
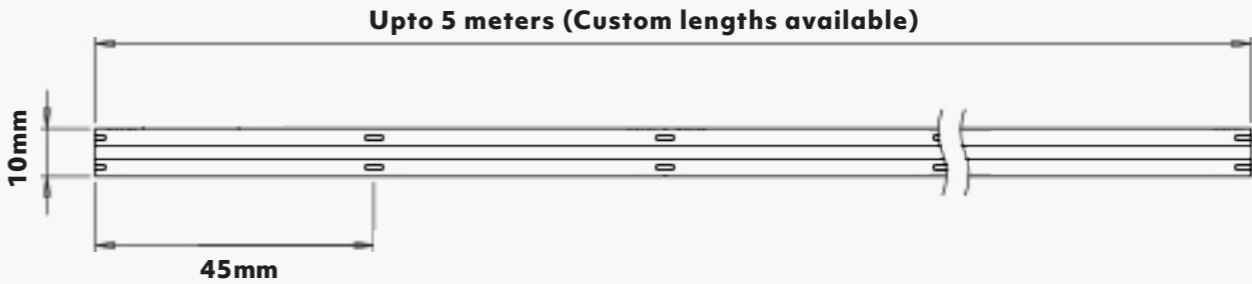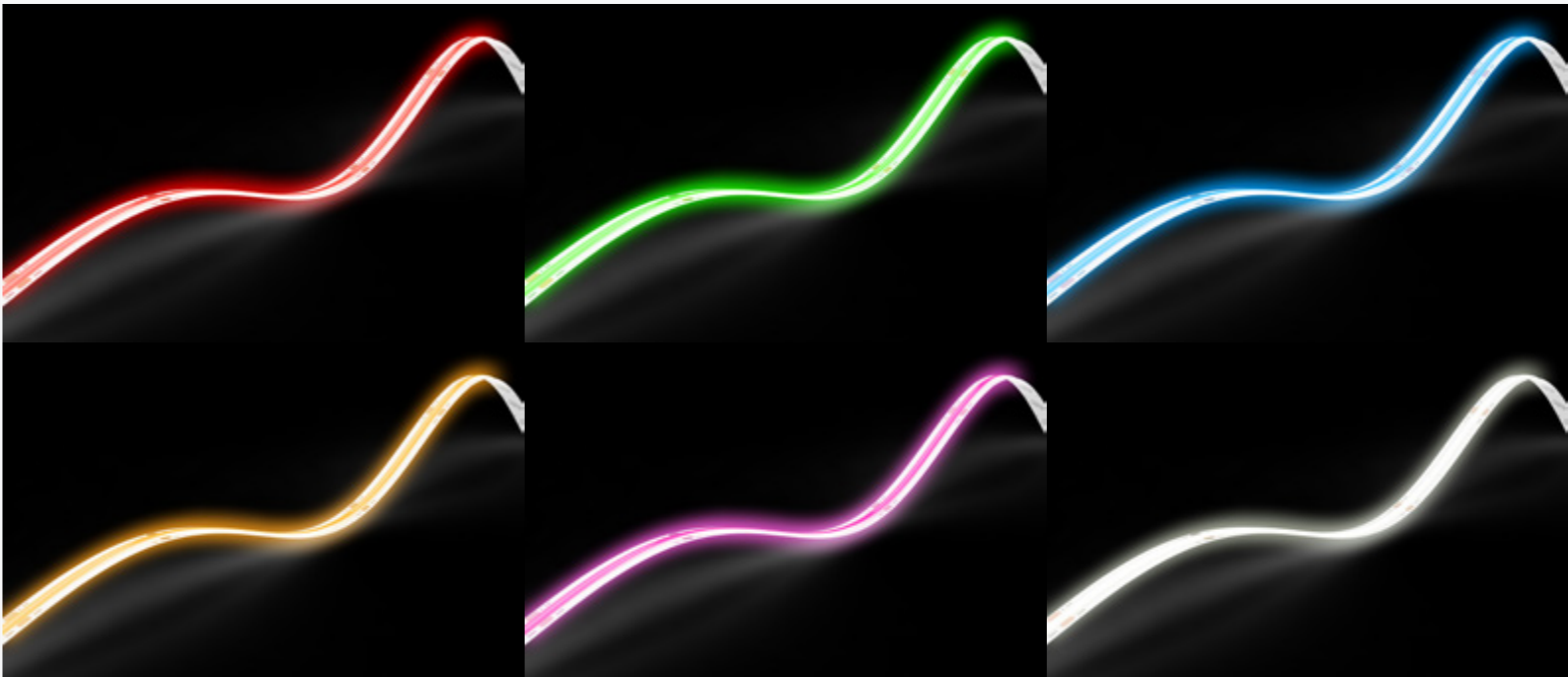
0.2W PER LED

FLEXIBLE ULTRA POWER WHITE 12W

CV LED FLEXIBLE STRIP

Cuttable, stickable, reliable, ultra power White flexible LED with 60 high efficiency LEDs per meter will provide an ultra bright and uniformed linear White light.

Designed for ease of installation and for peace of mind with high reliability as a must.

Product Code: MF-UP- WW / NW / CW - [IP]
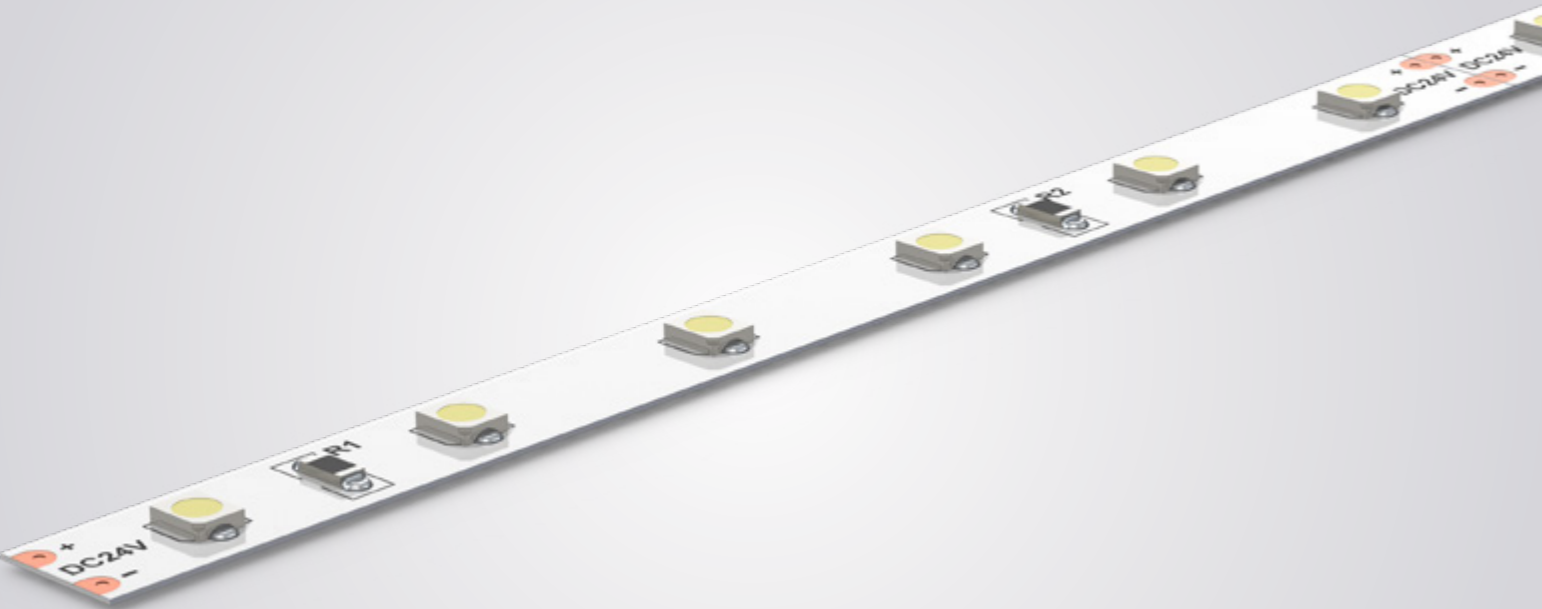
AVAILABLE WHITE

3000k   6000k

COB LED STRIP 18W

CV LED FLEXIBLE STRIP

Cuttable, stickable, reliable, spotless flexible LED with high density COB technology, will provide an ultra bright and continuous line of light.
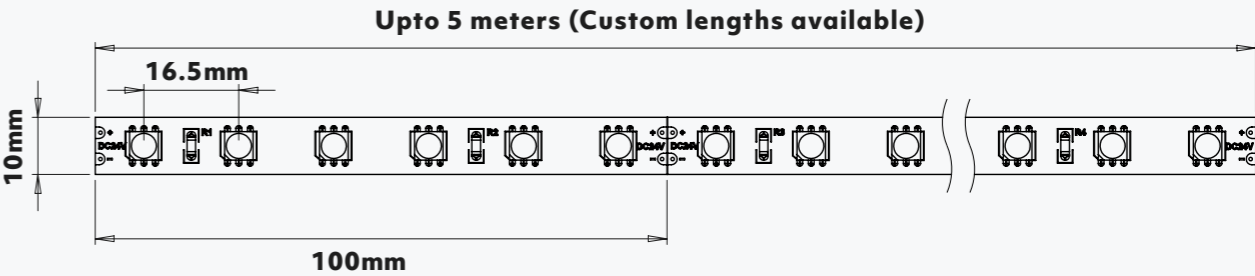
Designed for ease of installation and for peace of mind with high reliability as a must.

Product Code: SF-MP- WW / NW / CW / R / G / B / A / P - [IP]
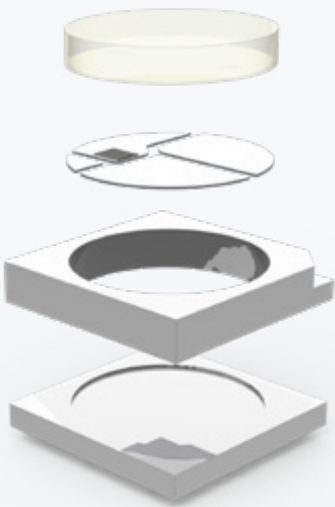
TECHNICAL SPECIFICATIONS

Voltage **24V**
LED's Per Meter **60**
LED Type **COB Chip On Board**
Power Consumption **10W/M**
Channels **1Ch [WW] [NW] [CW] [R] [G] [B] [A] [P]**
IP Rating **IP33**
Cutting Points **45mm**
Lumen Output **700lm/M[WW], 800lm/M [NW], 900lm/M [CW]**
Operating Temp Range **-20 to 50 °C**

DIMENSIONS

Upto 5 meters (Custom lengths available)

10mm

45mm

COLOURS

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AVAILABLE IN **IP67 SLEEVING**

TECHNICAL SPECIFICATIONS

Voltage **24V**
LED's Per Meter **60**
LED Type **SMD5050**
Power Consumption **14.4W/M**
Channels **1Ch [R] [G] [B] [A] [2700K-6500K]**
IP Rating **IP20**
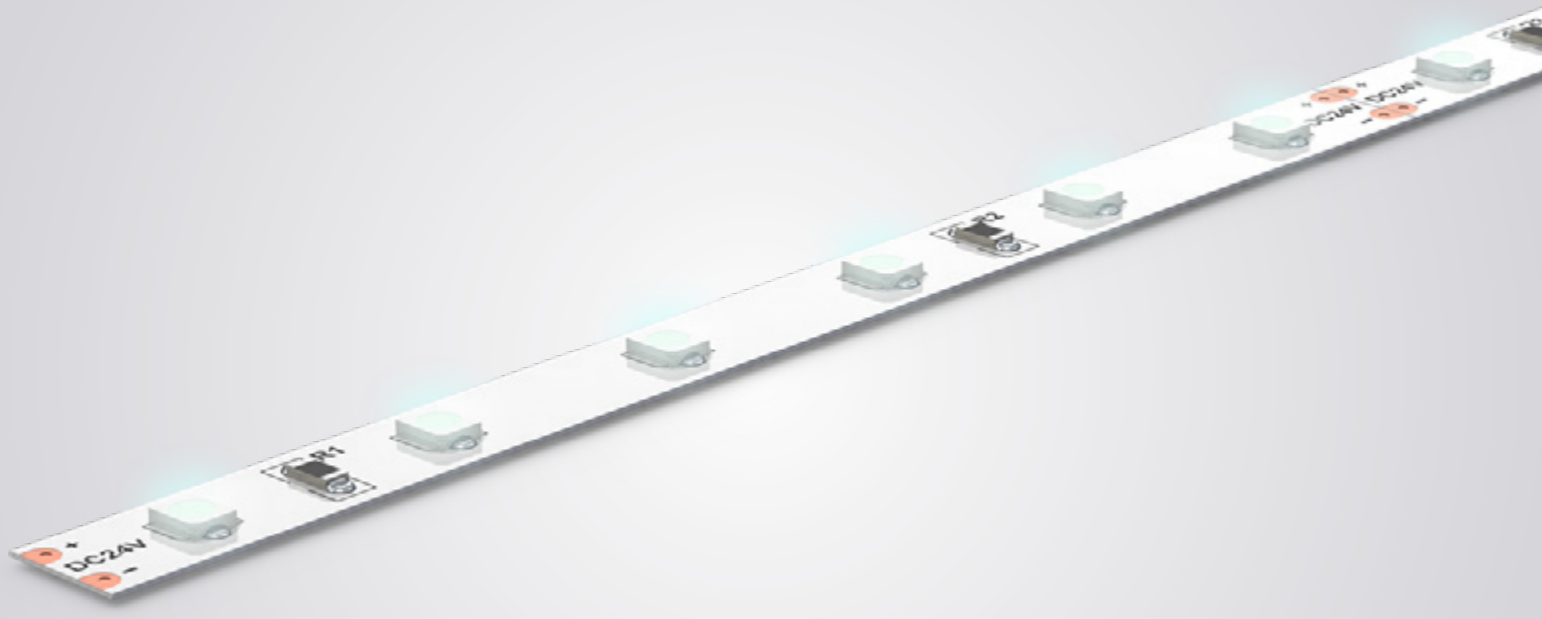Cutting Points **100mm**
Operating Temp Range **-20°to 50 °C**

DIMENSIONS

Upto 5 meters (Custom lengths available)

16.5mm

10mm

100mm

AVAILABLE COLOURS

RED   GREEN   BLUE   AMBER   2700k — TO — 6500K

LED TECHNOLOGY

0.24W PER LED

FLEXIBLE HIGH POWER SINGLE 14.4W

CV LED FLEXIBLE STRIP

Cuttable, stickable, reliable, high power single colour flexible LED with 60 high power LEDs per meter will provide a bright and uniformed linear light.
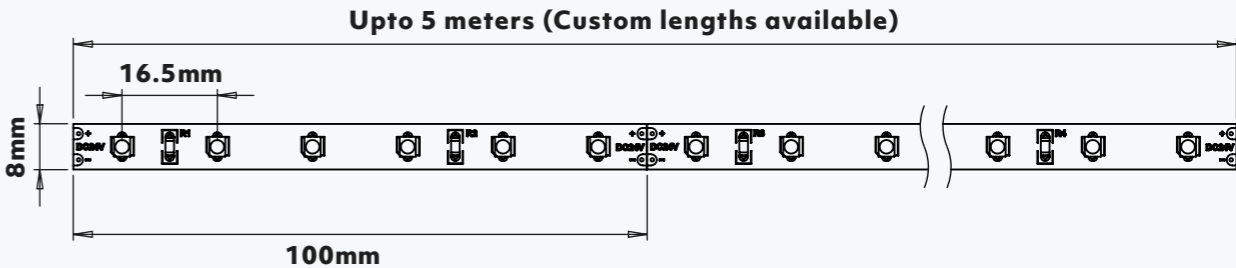
Designed for ease of installation and for peace of mind with high reliability as a must.

Product Code: MF-HP- R / G / B / A / WW / NW / CW - [IP]

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TECHNICAL SPECIFICATIONS

Voltage **24V**
LED's Per Meter **60**
LED Type **SMD3528**
Power Consumption **4.8W/M**
Channels **1Ch [R] [G] [B] [A] [2700K-6500K]**
IP Rating **IP20**
Cutting Points **100mm**
Operating Temp Range **-20°to 50 °C**

DIMENSIONS
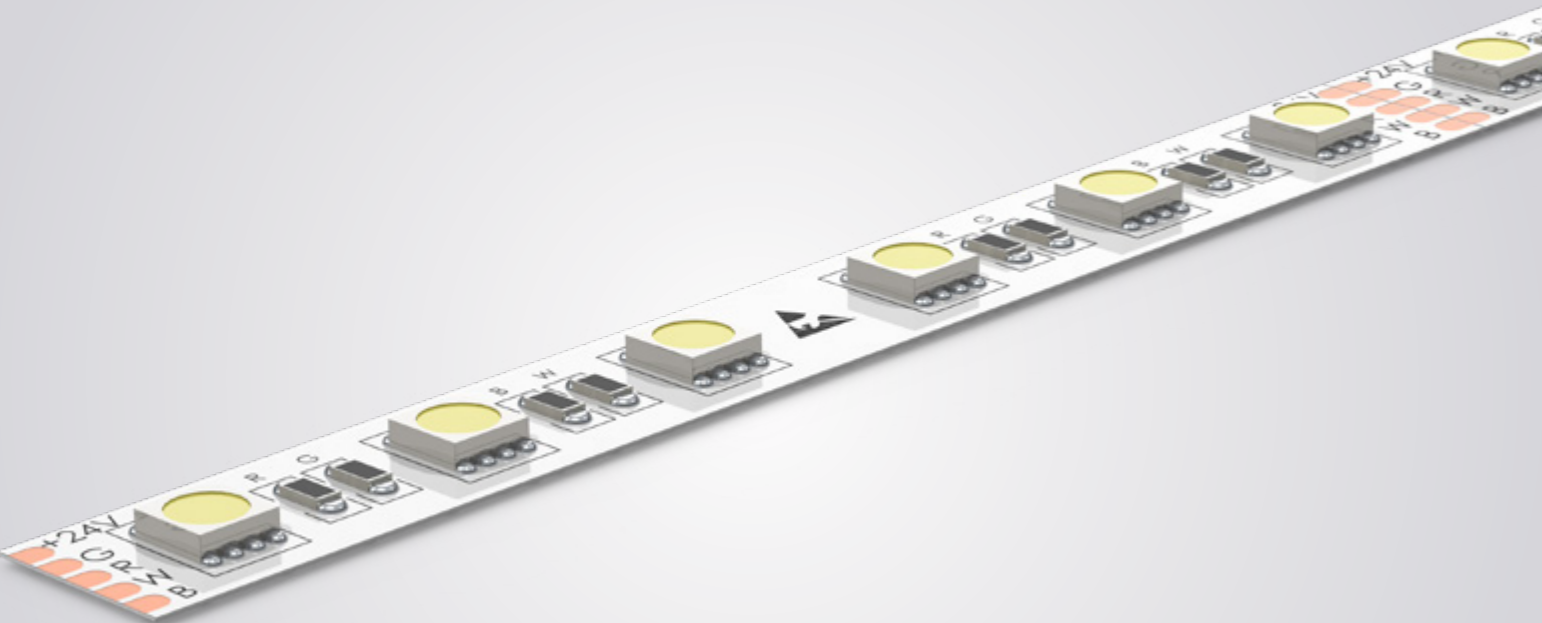
Upto 5 meters (Custom lengths available)

16.5mm

8mm

100mm

AVAILABLE COLOURS

RED   GREEN   BLUE   AMBER   2700k — TO — 6500K

LED TECHNOLOGY

0.08W PER LED

FLEXIBLE STANDARD POWER 4.8W

CV LED FLEXIBLE STRIP

Cuttable, stickable, reliable, standard power single colour flexible LED with 60 LEDs per meter, is perfect to achieve a subtle glow to define an area or feature.

Designed for ease of installation and for peace of mind with high reliability as a must.

Product Code: MF-SP- R / G / B / A / WW / NW / CW - [IP]

TECHNICAL SPECIFICATIONS

Voltage **24V**
LED's Per Meter **60**
LED Type **SMD5050**
Power Consumption **19.2W/M**
Channels **4Ch (RGB[W])**
IP Rating **IP20**
Cutting Points **100mm**
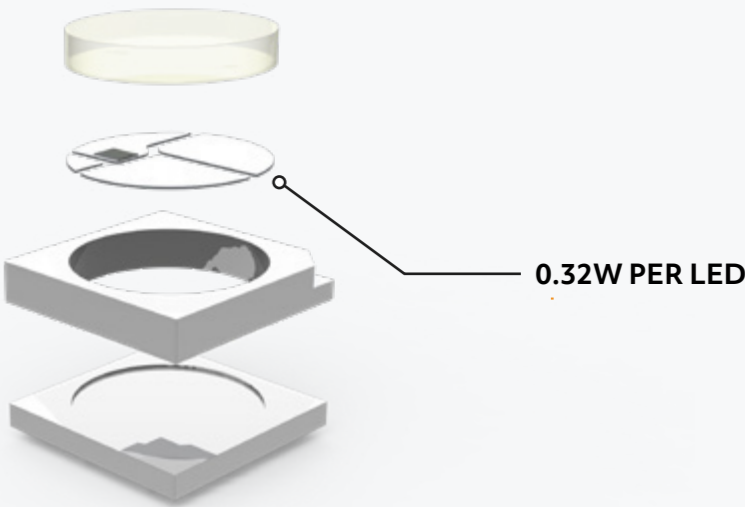Lumen Output **1,440lm/M [RGBW]**
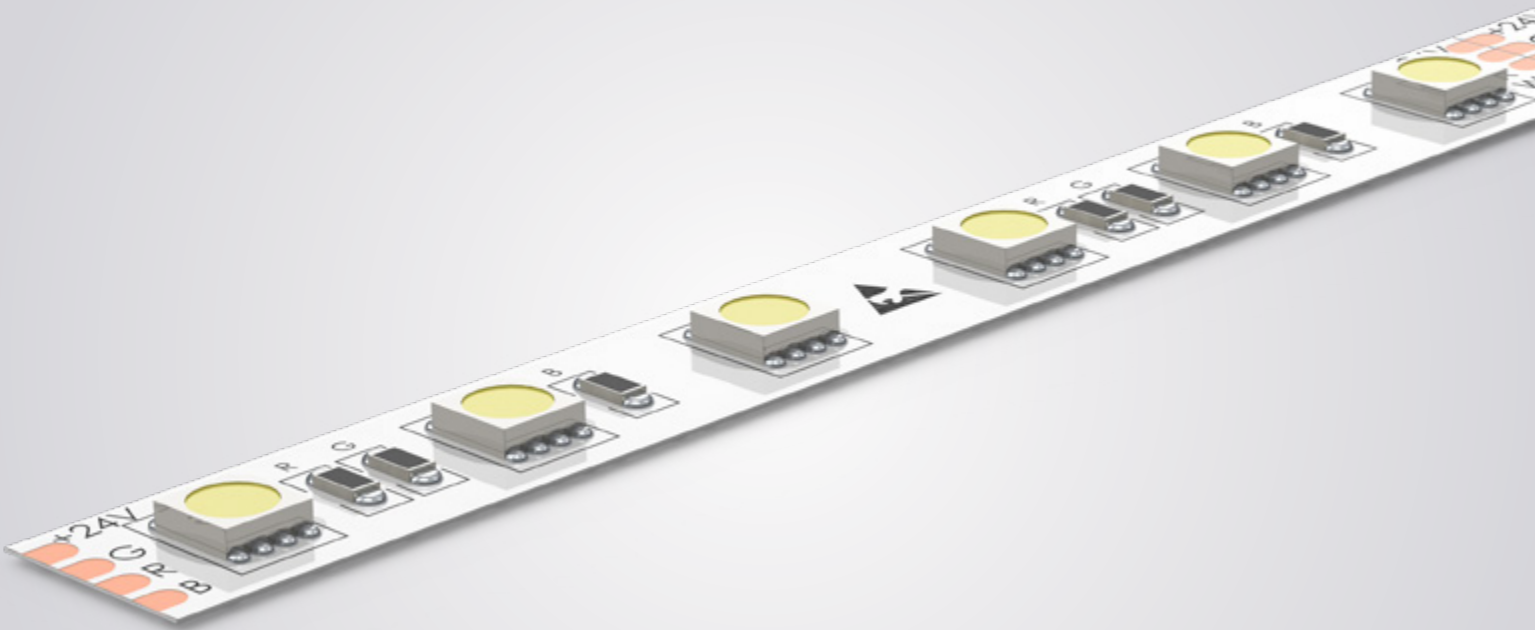Operating Temp Range **-20 to 50°C**

DIMENSIONS

Upto 5 meters (Custom lengths available)

16.5mm

12mm

100mm

LED TECHNOLOGY

SMD5050 RGBW LED

Utilising brand new
4 channel mix-at-source
technology this RGBW chip
is the most powerful yet.

0.32W PER LED

AVAILABLE COLOUR MIX

FLEXIBLE RGBW LED TAPE 19.2W/M

CV LED FLEXIBLE STRIP

Cuttable, stickable, reliable, high power colour changing flexible LED with dedicated White. Perfect for vivid colour mixes with 60 LEDs per meter for a bright and uniformed linear output.
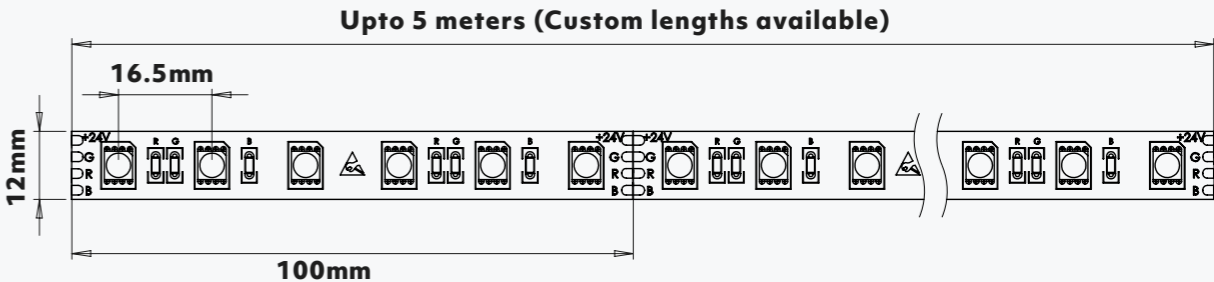
Designed for ease of installation and for peace of mind with high reliability as a must.

Product Code: QF-HP-RGBW - [IP]

TECHNICAL SPECIFICATIONS

Voltage **24V**
LED's Per Meter **60**
LED Type **SMD5050**
Power Consumption **14.4W/M**
Channels **3Ch (RGB)**
IP Rating **IP20**
Cutting Points **100mm**
Lumen Output **980lm/M [RGB]**
Operating Temp Range **-20 to 50°C**

DIMENSIONS
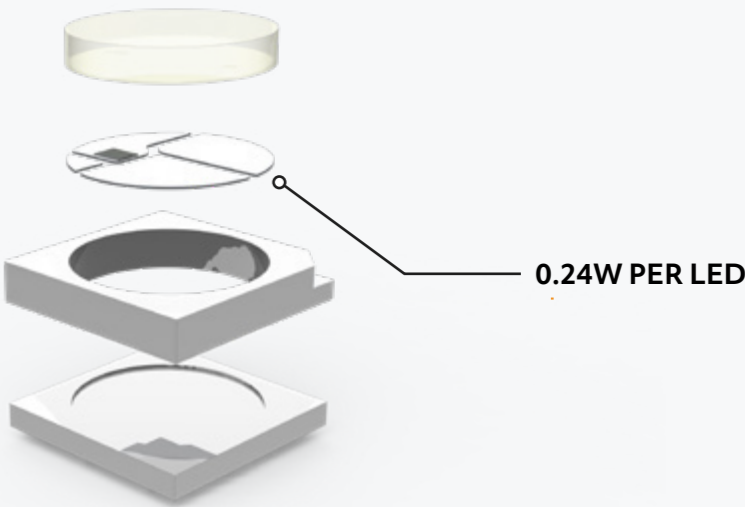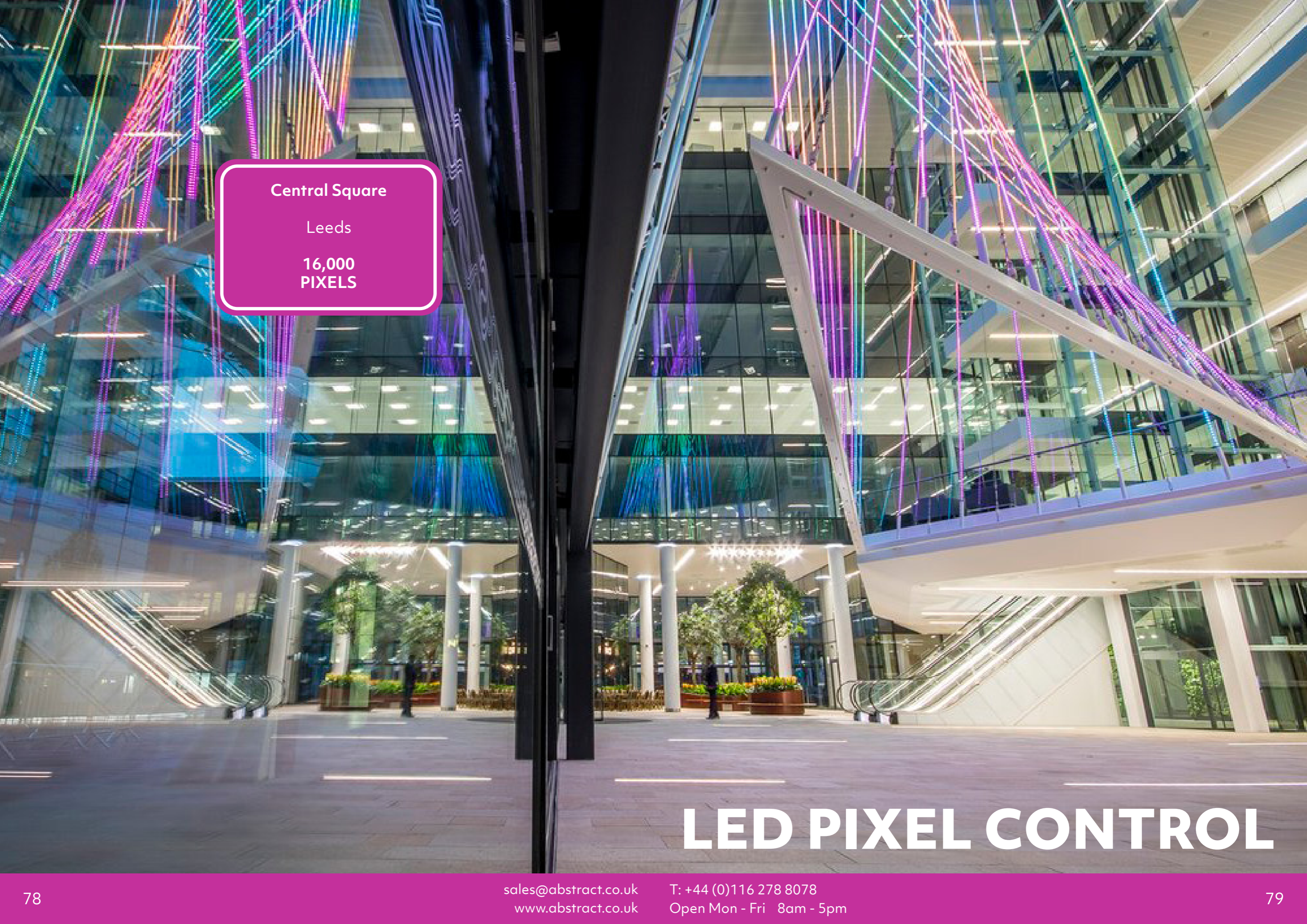
Upto 5 meters (Custom lengths available)

16.5mm

12mm

100mm

AVAILABLE COLOUR MIX

FLEXIBLE RGB LED TAPE 14.4W/M

CV LED FLEXIBLE STRIP

Cuttable, stickable, reliable, high power colour changing flexible LED, perfect for vivid colour mixes with 60 LEDs per meter for a bright and uniformed linear output.

Designed for ease of installation and for peace of mind with high reliability as a must.

Product Code: TF-HP-RGB - [IP]

LED TECHNOLOGY

SMD5050 RGB LED

High quality epistar LED chip, with high output and vivd colour rendering.

0.24W PER LED

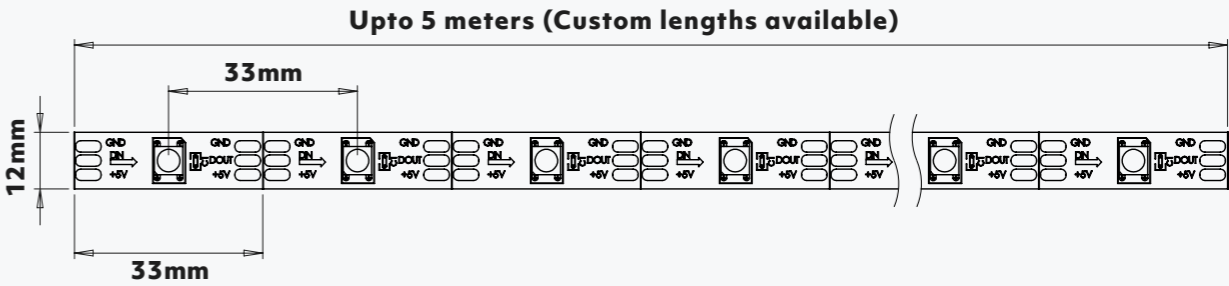Central Square

Leeds

**16,000
PIXELS**

LED PIXEL CONTROL

LED PIXEL CONTROL

TECHNICAL SPECIFICATIONS

Voltage **5V**

LED's Per Meter **30**

LED Type **SMD5050**

Power Consumption **7.2W/M [RGB] / 9.6W/M [RGBW]**

Channels **3Ch [RGB] / 4Ch [RGBW] per pixel**

IP Rating **IP20**

Cutting Points **33mm**

Controllable Pixels **1 LED = 1 Pixel**

Lumen Output **490lm/M [RGB] / 720lm/M [RGBW]**
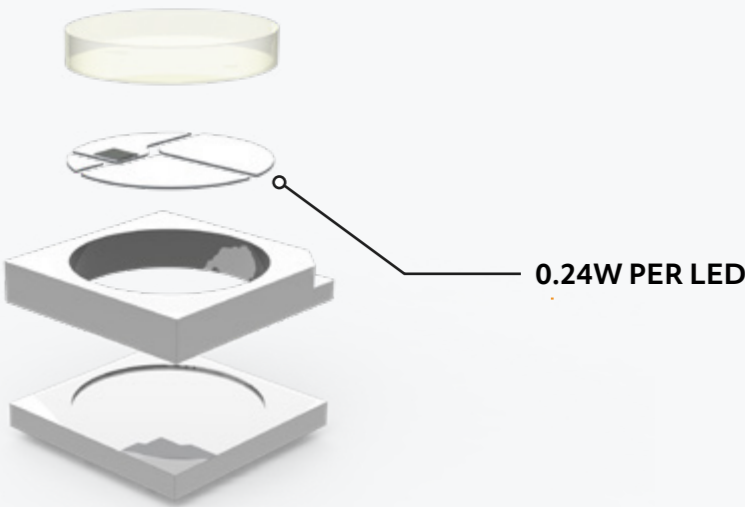
Operating Temp Range **-20° to 50°C**

DIMENSIONS

Upto 5 meters (Custom lengths available)

33mm

12mm

33mm

AVAILABLE COLOUR MIX

STANDARD POWER 30 LED/M 5V

PIXEL LED FLEXIBLE STRIP

Cuttable, stickable, reliable... addressable! 30LED/M colour changing flexible pixel LED, enabling you to get creative with vivid colours and individual LED pixel control.

Designed for ease of installation and for peace of mind with high reliability as a must.

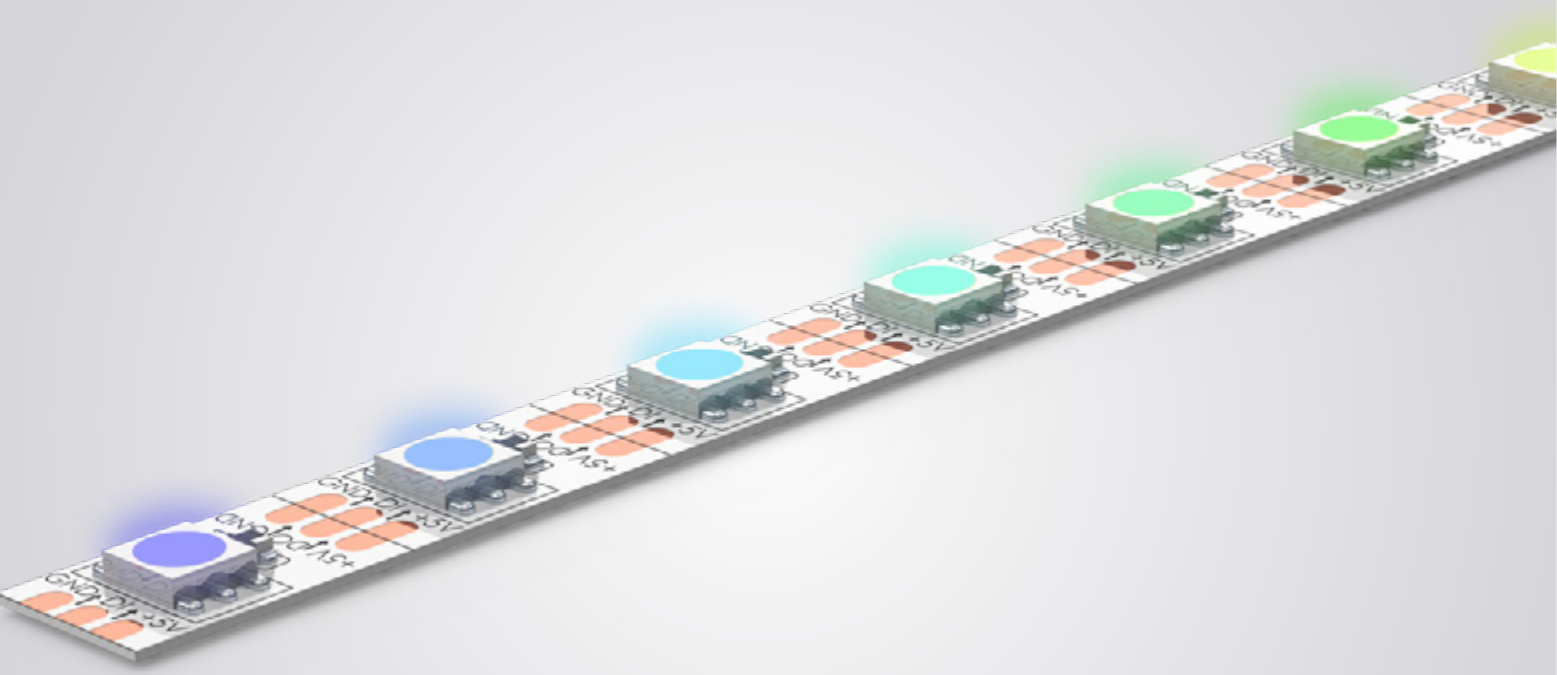**Product Code: PF-SP- RGB / RGBW -5V- [IP]**

LED TECHNOLOGY

SMD5050 RGB LED

High quality epistar LED chip, with high output and vivd colour rendering, paired with onboard IC processor for pixel addressing.

0.24W PER LED

AVAILABLE COLOUR MIX

HIGH POWER 60 LED/M 5V

PIXEL LED FLEXIBLE STRIP

Cuttable, stickable, reliable... addressable! 60LED/M colour changing flexible pixel LED, enabling you to get creative with high output, vivid colours and individual LED pixel control.
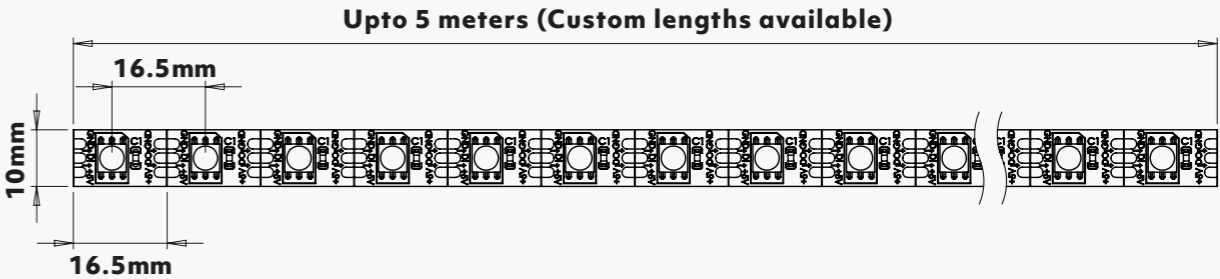
Designed for ease of installation and for peace of mind with high reliability as a must.

Product Code: PF-HP- RGB / RGBW -5V- [IP]

TECHNICAL SPECIFICATIONS

Voltage **5V**
LED's Per Meter **60**
LED Type **SMD5050**
Power Consumption **14.4W/M [RGB] / 19.2W/M [RGBW]**
Channels **3Ch [RGB] / 4Ch [RGBW] per pixel**
IP Rating **IP20**
Cutting Points **33mm**
Controllable Pixels **1 LED = 1 Pixel**
Lumen Output **980lm/M [RGB] / 1,440lm/M [RGBW]**
Operating Temp Range **-20° to 50°C**

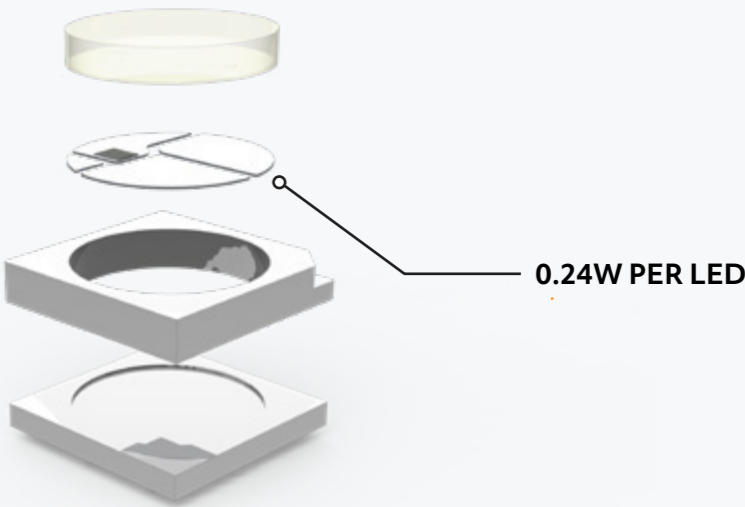## DIMENSIONS

Upto 5 meters (Custom lengths available)
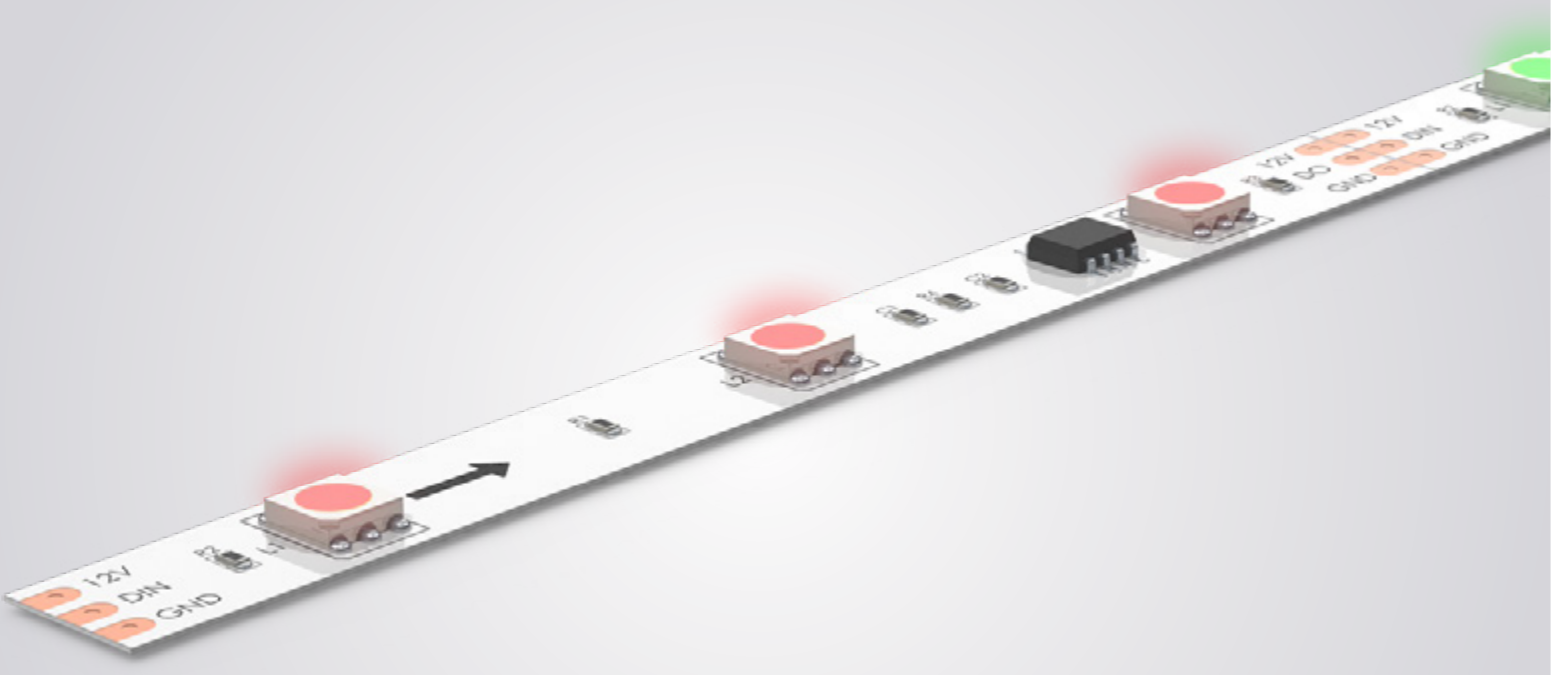
16.5mm

10mm

16.5mm

LED TECHNOLOGY

SMD5050 RGB LED

High quality epistar LED chip, with high output and vivd colour rendering, paired with onboard IC processor for pixel addressing.

0.24W PER LED

AVAILABLE COLOUR MIX

STANDARD POWER 30 LED/M 12V

PIXEL LED FLEXIBLE STRIP

Cuttable, stickable, reliable... addressable! 30LED/M colour changing flexible pixel LED, enabling you to get creative with vivid colours and pixel control over every 3 LEDs.
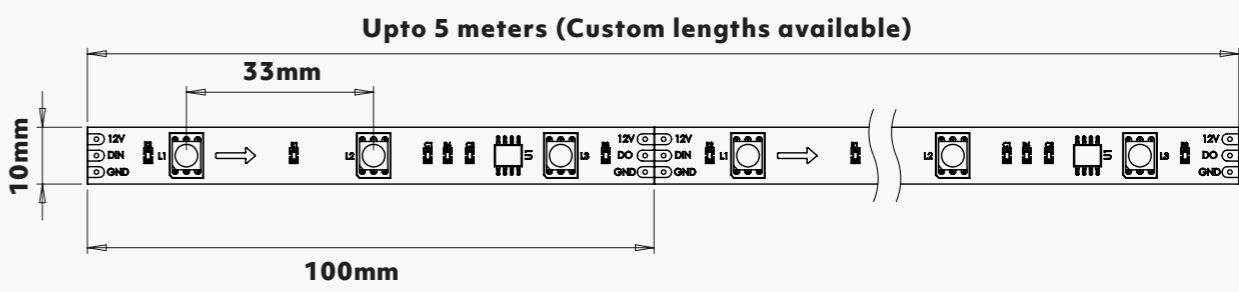
Designed for ease of installation and for peace of mind with high reliability as a must.

Product Code: PF-SP-RGB-12V- [IP]

TECHNICAL SPECIFICATIONS

Voltage **12V**
LED's Per Meter **30**
LED Type **SMD5050**
Power Consumption **7.2W/M**
Channels **3Ch Per Pixel [RGB]**
IP Rating **IP20**
Cutting Points **100mm**
Controllable Pixels **3 LED = 1 Pixel**
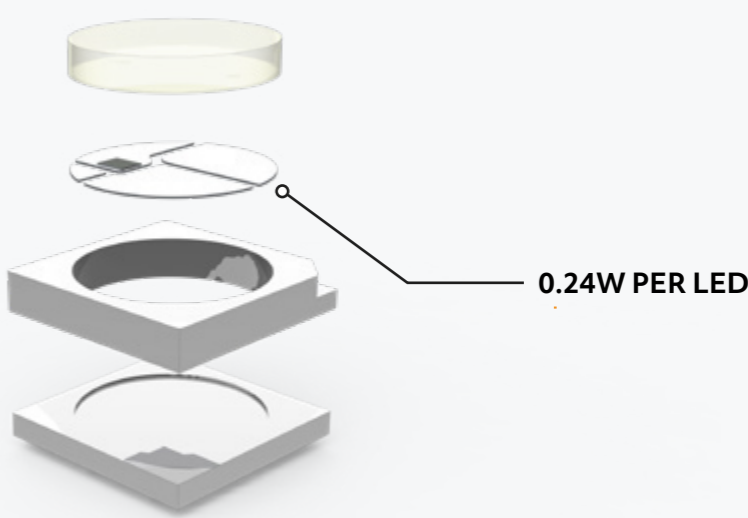Lumen Output **490lm/M [RGB]**
Operating Temp Range **-20° to 50°C**

DIMENSIONS

Upto 5 meters (Custom lengths available)
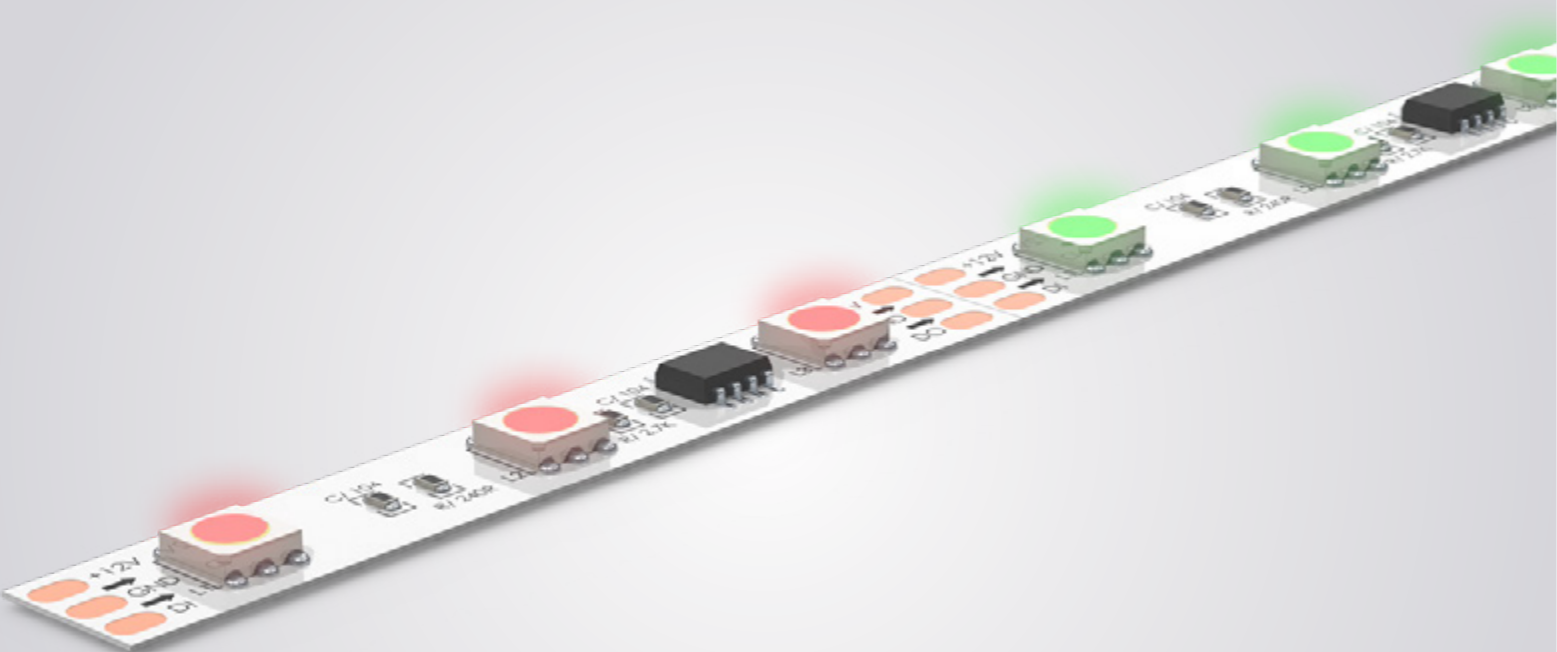
33mm

10mm

100mm

LED TECHNOLOGY

SMD5050 RGB LED

High quality epistar LED chip, with high output and vivd colour rendering, paired with onboard IC processor for pixel addressing.

0.24W PER LED

TECHNICAL SPECIFICATIONS

Voltage **12V**

LED's Per Meter **60**

LED Type **SMD5050**

Power Consumption **11.6W/M**

Channels **3Ch Per Pixel [RGB]**

IP Rating **IP20**

Cutting Points **63mm**

Controllable Pixels **3 LED = 1 Pixel**

Lumen Output **784lm/M [RGB]**

Operating Temp Range **-20° to 50°C**

DIMENSIONS

Upto 5 meters (Custom lengths available)

21mm

10mm

62.9mm

AVAILABLE COLOUR MIX

MEDIUM POWER 60 LED/M 12V

PIXEL LED FLEXIBLE STRIP

Cuttable, stickable, reliable... addressable! 60LED/M colour changing flexible pixel LED, enabling you to get creative with high output, vivid colours and pixel control over every 3 LEDs.
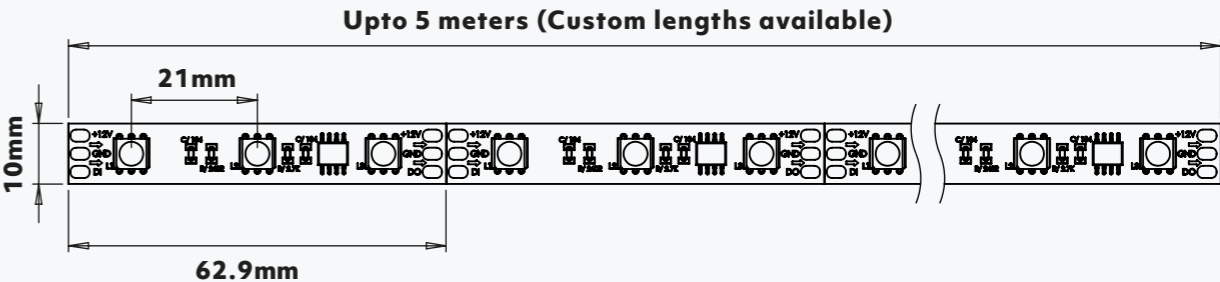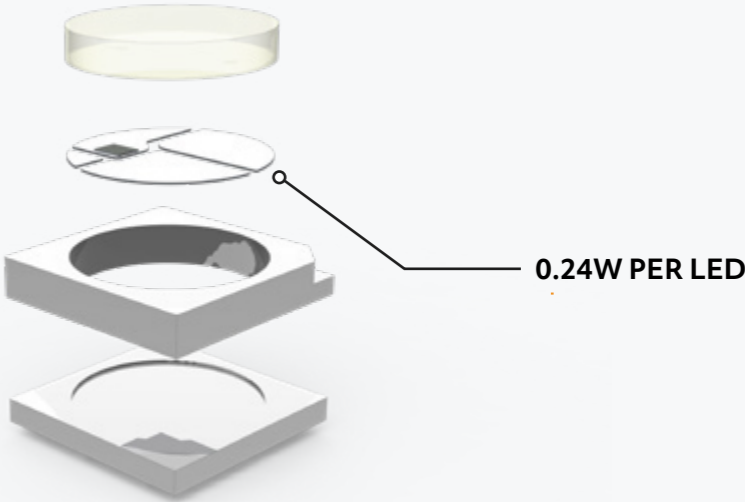
Designed for ease of installation and for peace of mind with high reliability as a must.

Product Code: PF-HP-RGB-12V- [IP]

LED TECHNOLOGY

SMD5050 RGB LED

High quality epistar LED chip, with high output and vivd colour rendering, paired with onboard IC processor for pixel addressing.

0.24W PER LED

TECHNICAL SPECIFICATIONS

Voltage **5V/12V/24V**

LED Per Meter **30/48/60/70**

LED Type **SMD3528**

LED **RGBW**

Length **Upto 2meters**

Power Consumption **4.8W-19.2W per meter**

Channels **1Ch Single colour, 3Ch p/LED RGB, 4Ch p/LED RGBW**

IP Rating **IP20**

Operating Temp Range **-20° to 50°C**

Mounting **Surface / Suspension**

Construction **Polycarbonate**

AVAILABLE COLOUR MIX

HUETUBE

RGBW LED TUBE

A perfectly diffused 300° surface or suspenion mountable light tube, the Hue-Tube is easy on the eye as a direct view product, ideal for creative retail displays, while bright enough to complement a general lighting scheme.
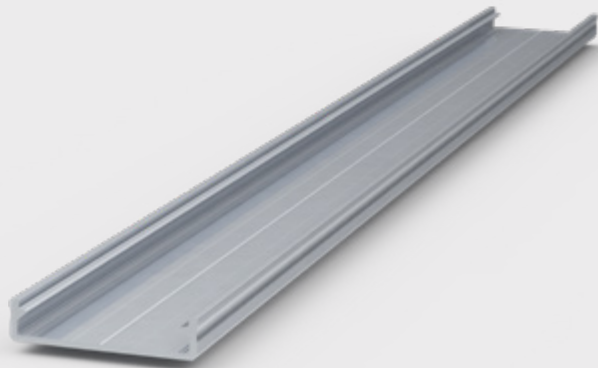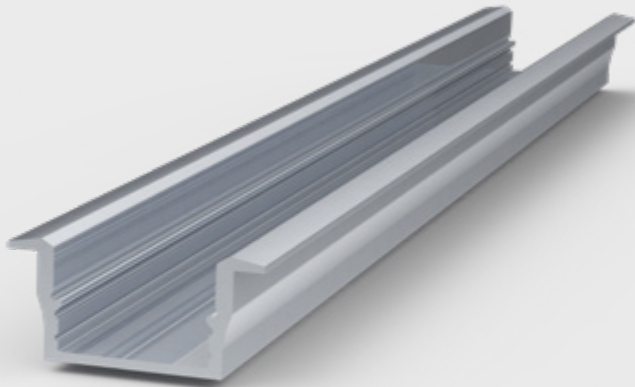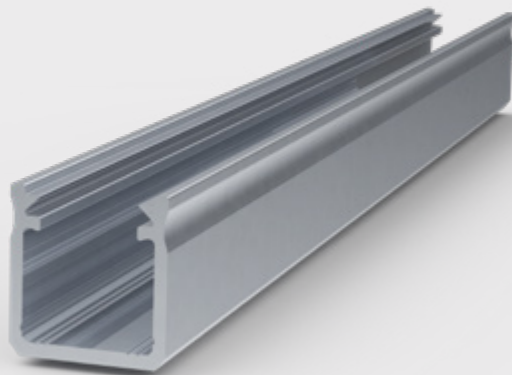
Product Code: HUE-T-S

DIMENSIONS

33   1.50   R15

13   Ø 2.20

0 - 2 meters (1m or 2m standard)

33

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Open Mon - Fri   8am - 5pm

THIN SURFACE

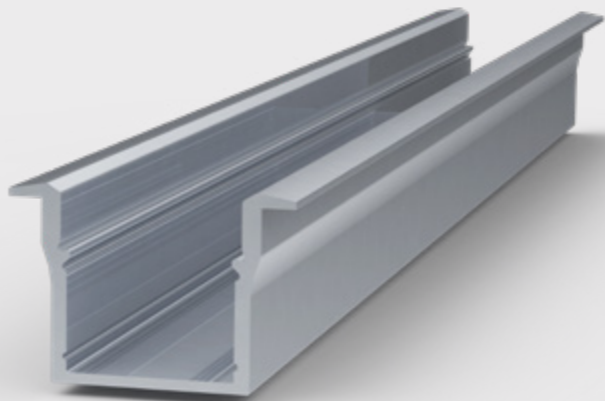Available Lengths:
1m, 2m
EXT-TS-2M

THIN RECESSED

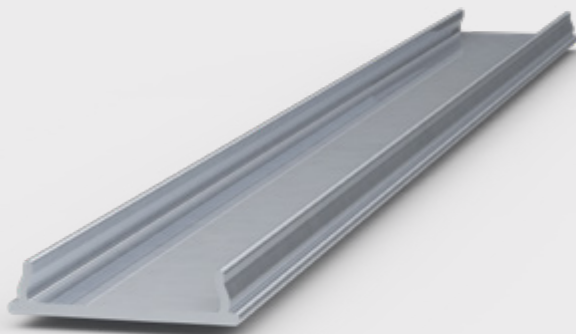Available Lengths:
1m, 2m
EXT-TR-2M

DEEP SURFACE

Available Lengths:
1m, 2m
EXT-DS-2M

DEEP RECESSED

Available Lengths:
1m, 2m
EXT-DR-2M

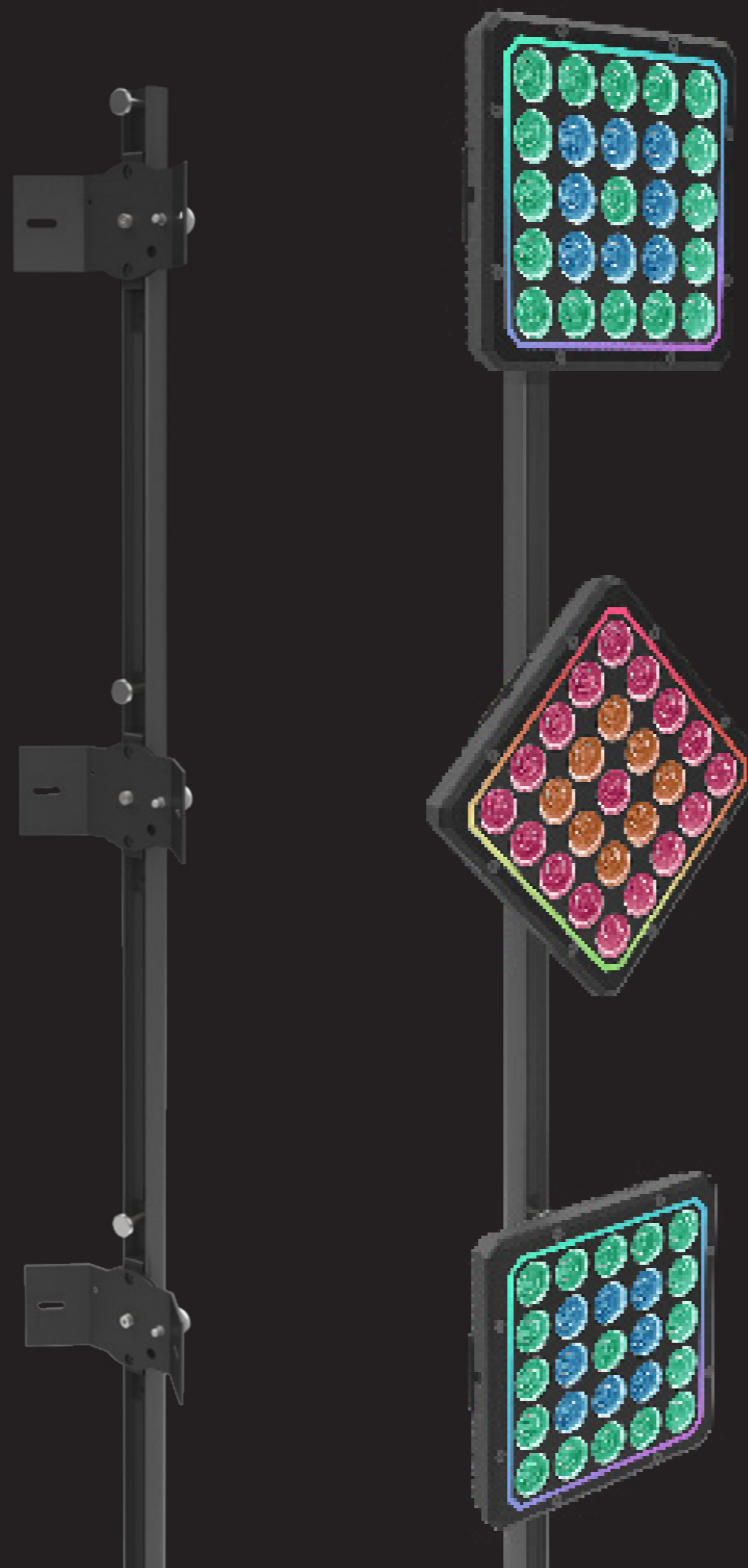## BENDABLE

Available Lengths:
1m, 2m
EXT-B-2M

CORNER

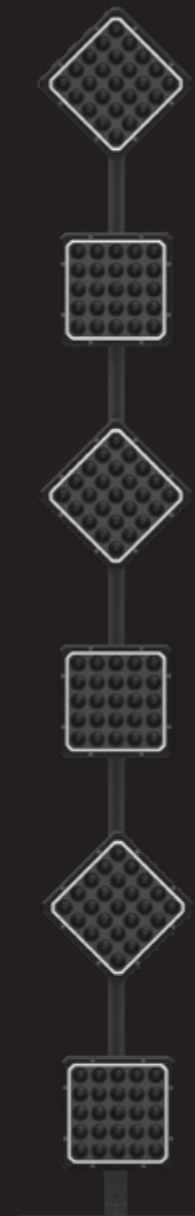Available Lengths:
1m, 2m
EXT-C-2M

ABSTRACT

SHOW LIGHTING

CANDI BAR
CANDI BLOX
XLITE PRO
XDRIVE LITE 4

CANDI BAR

TECHNICAL SPECIFICATIONS

Voltage **5V**
LED's **45 X 6 (270)**
Wattage **15W M**
LED Connection **4 PIN XLR**
Channels **Pixel Controlled**
Lumens **326lm x 6 (1956lm)**
LED Type **RGBW**
IP Rating **IP20**
Lens Options **10 / 15 / 40 Degree, Opal Diffused**
Weight **16kg**
Operating Temp Range **-10 to 50C**

DIMENSIONS

200mm
100mm
268mm
2100mm (MAX)
360mm
346mm
346mm

CANDI BAR
FLEXIBLE MOUNT OPTIONS

The Candi Blox has been designed to offer a variety of mounting options. Here you see, as a 6 way option (Candi Bar) on a 2m stand-alone pole.

As well as a dynamic array of 45 LED's, the overall height give you a greater visual and light projection experience.

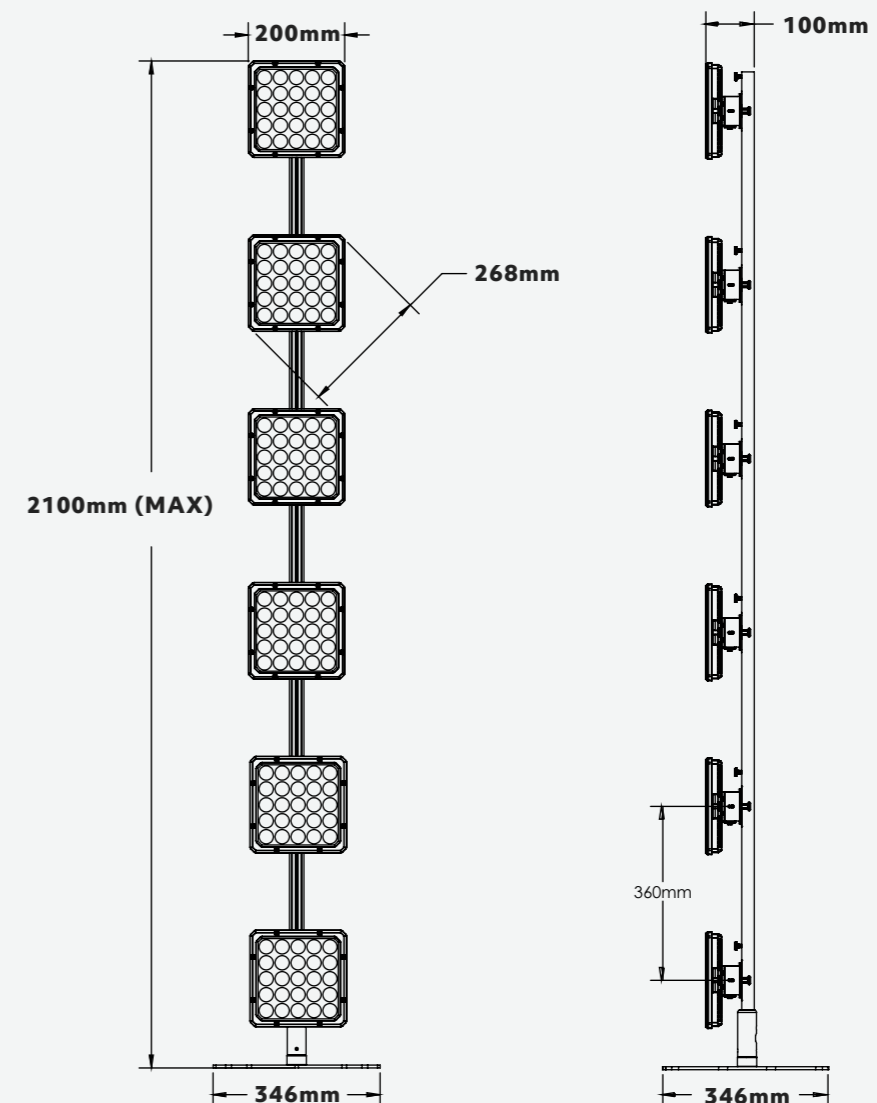This option is adequately suited for stage, TV, bars, clubs and the mobile DJ.

Product Code: CANDIBAR

Compatible With : XDRIVE 4 LITE, XDRIVE 4 PRO

CANDI BLOX

Compact, captivating, creative, choice.

TECHNICAL SPECIFICATIONS

Voltage **5V**
LED's **45**
Wattage **15W (MAX)**
LED Connection **4 PIN XLR**
Channels **Pixel Controlled**
Lumens **326lm**
LED Type **RGBW**
IP Rating **IP20**
Lens Options **10 / 15 / 40 Degree, Opal Diffused**
Weight **1.5kg**
Operating Temp Range **-10 to 50C**

DIMENSIONS

200mm
68mm
134mm
66mm
82mm
33mm
30mm
60mm
192mm
100mm

CANDI BLOX

ALL-ROUND LIGHT FROM A BLOX

The Candi Blox provides a compact and elegant 'eye candy' LED lighting system, featuring a central array of LED's surounded by an edge halo effect. High performance mix-at-source multi-chip LED. Manufactured in a precision engineered housing.
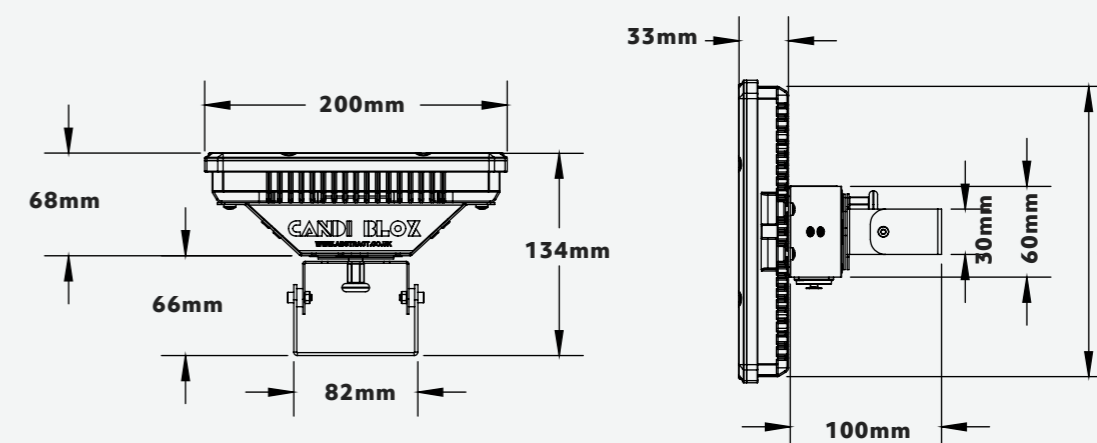
Product Code: CANDIBLOX

Compatible With : XDRIVE 4 LITE, XDRIVE 4 PRO

MOUNTING OPTIONS

Surface Mount

180 Degree Tilt
45 Degree Pan

Truss Mount

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sales@abstract.co.uk
www.abstract.co.uk

T: +44 (0)116 278 8078
Open Mon - Fri   8am - 5pm

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XLITE PRO

Peripheral light from a great height.

TECHNICAL SPECIFICATIONS

Channels **Pixel controlled**
Wattage **30W**
Input Current Constant Voltage **5V**
IP Rating **IP20**
LED Type **RGBW**
Housing **35mm**
Lens Options **160° Frost**
LED Connection **4 PIN XLR**
Lumen Output **300lm**
Operating Temp Range **-20 to 50 °C**
Height **2000mm**
LED lite length **1950mm**
LED Pitch **14.2mm**

DIMENSIONS

30Ømm
2050mm
44mm
286.5mm
344mm

XLITE PRO

XLITE PRO Freestanding Pole 2M

The XLite sets the bar for lighting excellence, with a high performance mix-at-source multi-chip LED housed in a precision engineered anodised aluminium housing.

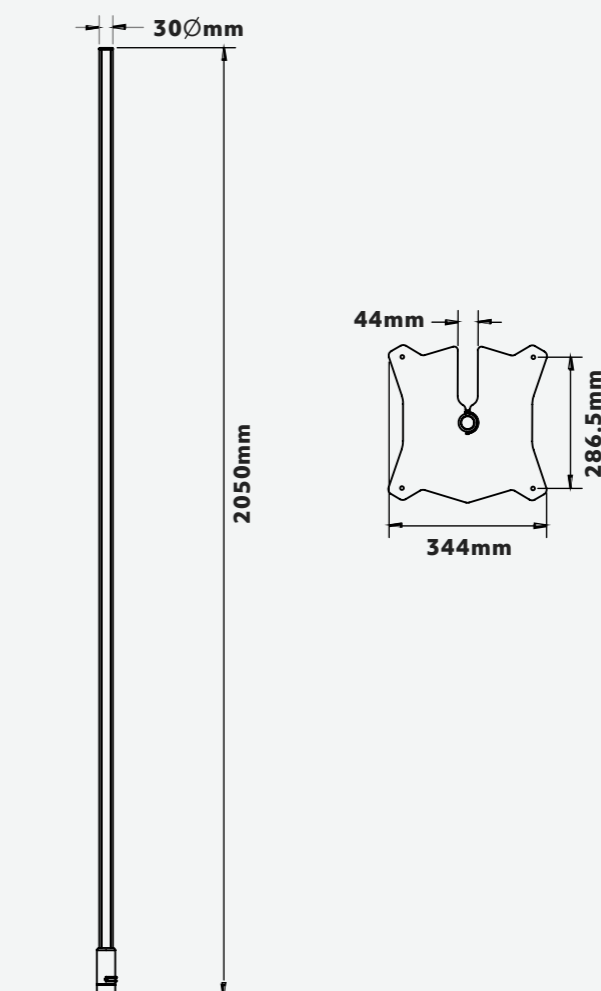The lighting enthusiasts freestanding pole of choice.
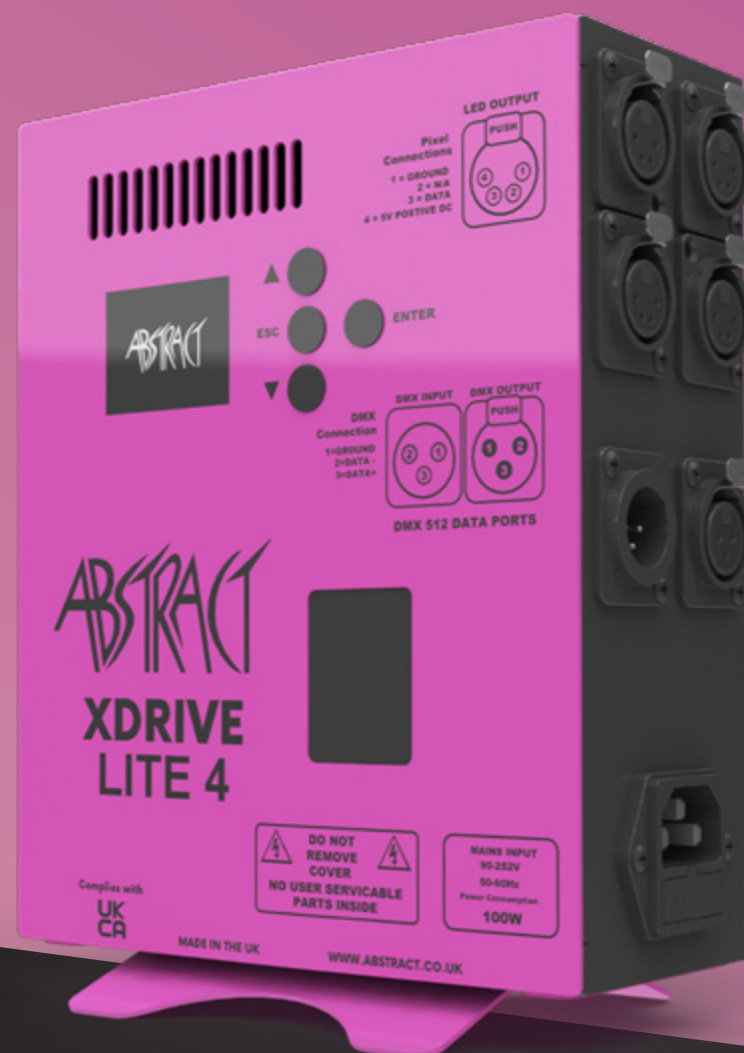
Product Code: XLITEPRO

Compatible With : XDRIVE 4 LITE, XDRIVE 4 PRO

WiFi ENABLED

S2L

XDRIVE
XDRIVE LITE 4

Take control of your environment.

Enhanced sound to light feature

XDRIVE **LITE 4**

4 Output Free Standing/Truss Mount Driver

The XDRIVE LITE 4 drives further into the realms of dazzling receptive lighting effects. Using the latest Abstract PTTP Technology, it enhances the creation of movement and tempo from a static object.
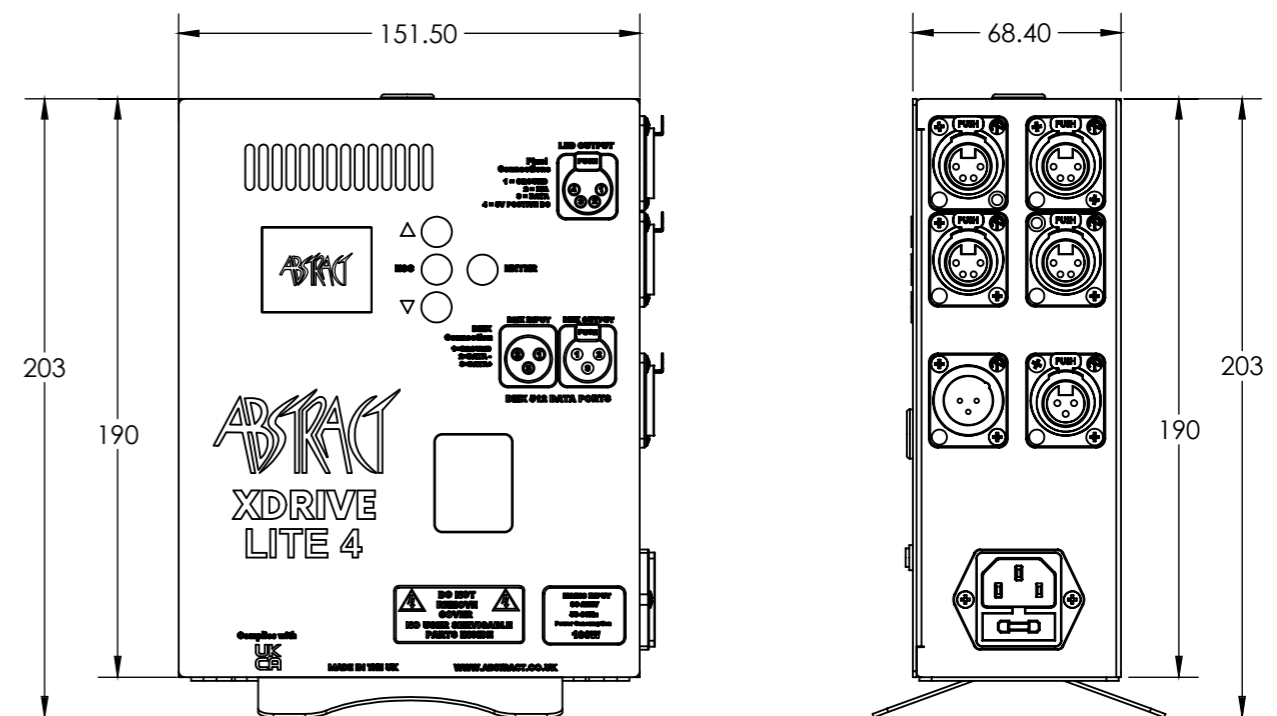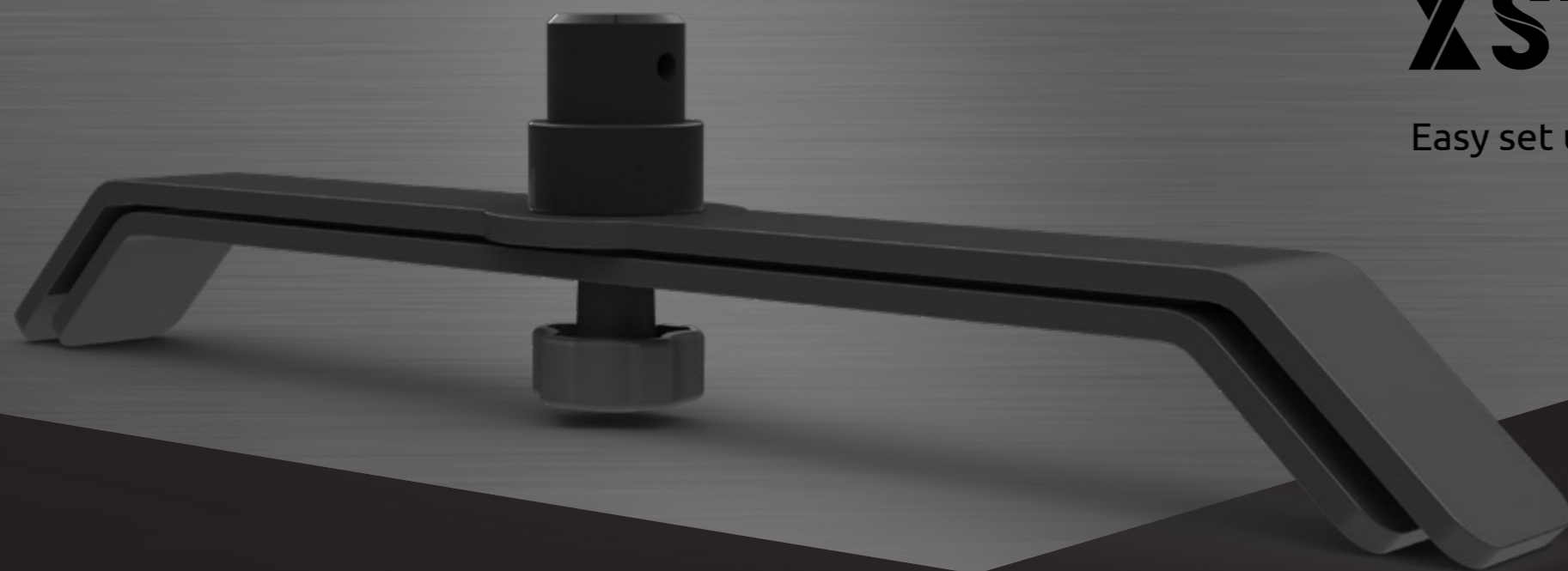
Product Code: XDL-4

Compatible With : Candi Bar, Candi Blox, Xlite Pro

TECHNICAL SPECIFICATIONS

Voltage **5V**

LED Outputs **4**

Output Current **5A**

Power Consumption **100W**

Channels **36Ch Show Mode, 512 Pixel Map**

Power Input **Mains 110-240VAC**

Data Connections **3 Pin XLR**

LED Connection **4 Pin XLR**

Mounting **Free Standing / Truss Mount**

Operating Temp Range **-20° to 50°C**

DIMENSIONS

sales@abstract.co.uk
www.abstract.co.uk

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XSTAND XLITE PRO

Easy set up anywhere you go.

AVAILABLE COLOURS

BLACK
(standard)

WHITE
(surcharge)

DIMENSIONS

R30.00

40.00

430.00

91.50

47.50

394.00

430.00

430.00

40.00

394.00

40.00

XSTAND

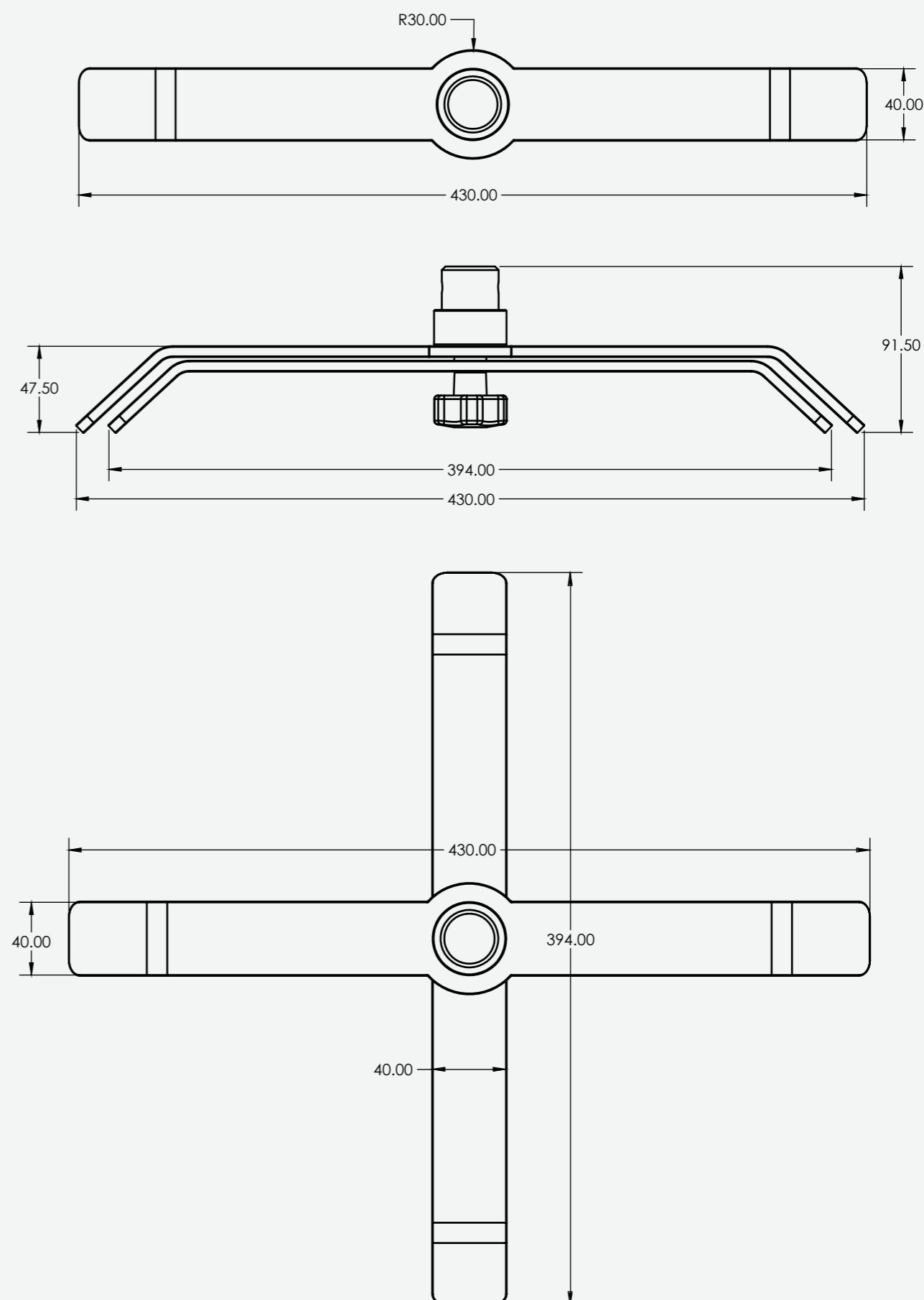## XSTAND quick set up for the XLITE PRO.

The XLite sets the bar for lighting excellence, with a high performance mix-at-source multi-chip LED housed in a precision engineered anodised aluminium housing.

The lighting enthusiasts freestanding pole of choice.

Product Code: XSTAND

Compatible With : XLITE PRO

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T: +44 (0)116 278 8078
Open Mon - Fri   8am - 5pm

CONTACT

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2024