



DIGITAL PIXEL

—
The best of LED unlocked. *Digitally.*

PROLED®

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LIGHTING REDEFINED: THE POWER OF DIGITAL PIXEL

“Light is no longer just illumination; it’s expression. DIGITAL PIXEL brings your ideas to life with precision, creativity, and flexibility.”

Sven Claes, Product Director, PROLED GROUP

Digital, flexible, and innovative – DIGITAL PIXEL’s technology represents a transformative approach to contemporary lighting. Designed for professionals and visionaries alike, DIGITAL PIXEL LEDs offer the ultimate tool for crafting dynamic, precise, and vibrant lighting experiences in any environment. Exceeding the highest industry standards, DIGITAL PIXEL empowers you to transform indoor and outdoor spaces with unmatched precision, reliability, and versatility.

From illuminating facades and smart city applications to immersive event lighting and intricate lighting sequences, DIGITAL PIXEL brings your vision to life with unparalleled brilliance and reliability. Advanced control options enable breathtaking animations, dynamic sequences, and custom lighting designs—seamlessly tailored to your concept. With DIGITAL PIXEL, each project is bold, reliable, and unforgettable.

THE UNLEASHED POTENTIAL OF DIGITAL LIGHTING

○ Light control in all facets

Take full control of every lighting detail, from subtle dimming to bold effects, for a truly customisable experience.

○ Shared access

Collaborate effortlessly with shared system access, enabling your team to work together seamlessly.

○ Colour control & sequences

Create vibrant animations and intricate light sequences that bring your vision to life with precision and colour.

○ 24/7 remote control

Maintain complete control anytime, anywhere, with intuitive remote access available 24/7 for ultimate flexibility.

○ Outdoor & facade applications

Built to withstand all weather conditions, DIGITAL PIXEL maintains performance and durability in even the harshest environments.

○ Latest industry standards

Built to exceed the latest industry benchmarks, DIGITAL PIXEL ensures optimal performance and reliability.

○ Adjustable sequences

Adapt and update your lighting and sequences digitally—no replacements needed.

○ Seamless integration & installation

The modular design integrates easily into existing setups, providing a streamlined and efficient installation process that scales effortlessly to any project size.



RESIDENTIAL



EVENT



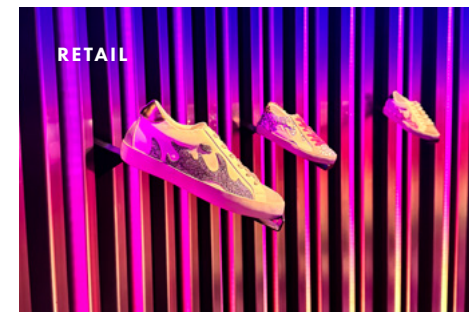
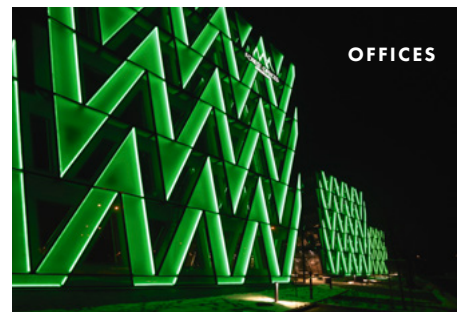
OUTDOOR



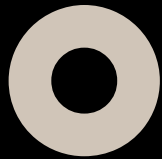
PUBLIC / SIGNAGE



DIGITAL PIXEL enhances projects across various sectors, including architecture, events, retail, and public spaces. Transform facades, create immersive experiences, highlight products, and improve urban landscapes with smart city solutions.



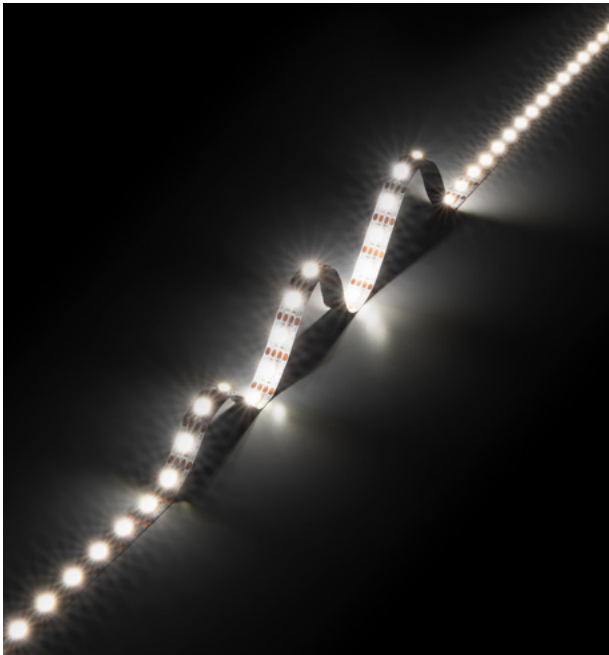




COMPONENTS

Precision meets flexibility: PROLED's DIGITAL PIXEL components, including flexible LED strips, flex tubes and LED sheets, offer a new level of versatility. With individual control of each LED and segment, they are ideal for dynamic lighting designs in architecture, events and interactive installations. From vibrant effects to intricate animations, PROLED components deliver precision and inspire creativity.

FLEX STRIP PIXEL 60-12 MONO NEUTRAL WHITE



TECHNICAL DATA

IP classification	IP20
	IP68 For outdoor use
IC type	TX1818BLT
Voltage supply	12 VDC
Cutting length	Every Pixel (LED) 16.7 mm
Dimensions (L x W x H)	IP20 5,000 x 12 x 2.5 mm
	IP68 5,000 x 14 x 6 mm
Min. bending radius	20 mm
Max. quantity/length per feed	5 m
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 45 °C
Connection	cable to open wires; 4 x 0.34 mm ² ; 30 cm

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	○
CCT	4000K
Luminous flux	IP20 600lm/m
	IP68 540lm/m
CRI	90
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

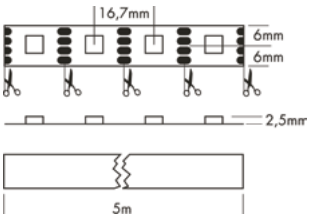
ORDER CODE	COLOUR	LENGTH	LED PCS	POWER CONSUMPTION*	WEIGHT
IP20 L6PI601208	○	500 cm	300	32 watt	0.140 kg
IP68 L6PI5601208	○	500 cm	300	32 watt	0.500 kg

Custom length. See website for more information on special lengths and customisation.

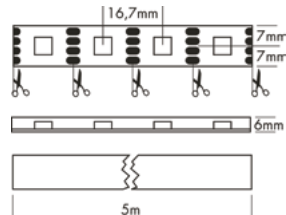
IP20 L6PI601208Z	○	per meter (max. 5 m)	60 per m	6.5 watt per m	0.028 kg
IP68 L6PI5601208Z	○	per meter (max. 5 m)	60 per m	6.5 watt per m	0.100 kg

*Actual power consumption

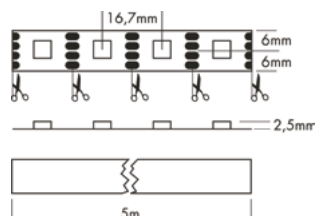
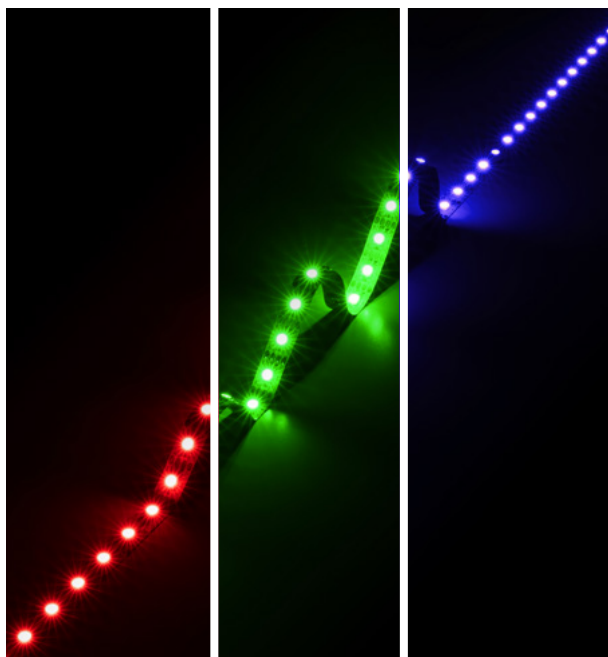
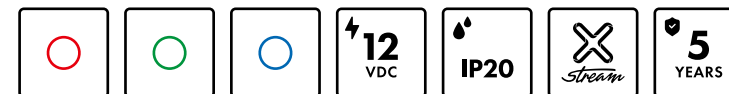
IP20



IP68



FLEX STRIP PIXEL 60-12 MONO COLOUR



TECHNICAL DATA

IP classification	IP20
IC type	WS2815
Voltage supply	12 VDC
Cutting length	Every Pixel (LED) 16.7 mm
Dimensions (LxWxH)	5,000 x 12 x 2.5 mm
Min. bending radius	20 mm
Max. quantity/length per feed	5 m
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 45 °C
Connection	cable to open wires; 4 x 0.34 mm ² ; 30 cm

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	
Luminous flux	320 lm/m 520 lm/m 150 lm/m
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

ORDER CODE	COLOUR	LENGTH	LED PCS	POWER CONSUMPTION *	WEIGHT
L6PI601203	Red	500 cm	300	50 watt	0.140 kg
L6PI601202	Green	500 cm	300	50 watt	0.140 kg
L6PI601201	Blue	500 cm	300	50 watt	0.140 kg

Custom length. See website for more information on special lengths and customisation.

L6PI601203Z	Red	per meter (max. 5 m)	60 per m	10 watt per m	0.028 kg
L6PI601202Z	Green	per meter (max. 5 m)	60 per m	10 watt per m	0.028 kg
L6PI601201Z	Blue	per meter (max. 5 m)	60 per m	10 watt per m	0.028 kg

*Actual power consumption

FLEX STRIP PIXEL SEG60-12 DYNAMIC WHITE



TECHNICAL DATA

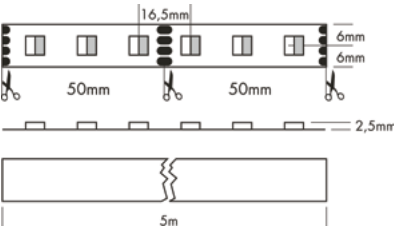
IP classification	IP20
IC type	UCS8603
Voltage supply	12VDC
Cutting length	50 mm (every 3 LEDs)
Dimensions (L x W x H)	5,000 x 12 x 2.5 mm
Min. bending radius	20 mm
Max. quantity/length per feed	5 m
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 45 °C
Connection	cable to open wires; 4 x 0.34 mm ² ; 30 cm

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	○ ○
CCT	2700K to 6500K
Luminous flux	1000 lm/m
	○ 500 lm/m (2700K) ○ 500 lm/m (6000K)
CRI	80
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.



PRODUCT TYPES

ORDER CODE	COLOUR	LENGTH	LED PCS	POWER CONSUMPTION*	WEIGHT
L6PISEG6012DW	○ ○	500 cm	300	55 watt	0.140 kg
Custom length. See website for more information on special lengths and customisation.					
L6PISEG6012DWZ	○ ○	per meter (max. 5 m)	60 per m	11 watt per m	0.028 kg

*Actual power consumption

FLEX STRIP PIXEL 30-12 RGB



TECHNICAL DATA

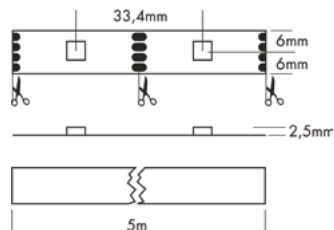
IP classification	IP20
IC type	WS2815
Voltage supply	12 VDC
Cutting length	Every Pixel (LED) 33.4 mm
Dimensions (L x W x H)	5,000 x 12 x 2.5 mm
Min. bending radius	20 mm
Max. quantity/length per feed	5 m
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 45 °C
Connection	cable to open wires; 4 x 0.34 mm ² ; 30 cm

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	● ● ●
Luminous flux	150 lm/m
	● 30 lm/m ● 90 lm/m ● 30 lm/m
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.



PRODUCT TYPES

ORDER CODE	COLOUR	LENGTH	LED PCS	POWER CONSUMPTION*	WEIGHT
L6PI301200	● ● ●	500 cm	150	25 watt	0.115 kg
L6PI301200Z	● ● ●	per meter (max. 5 m)	30 per m	5 watt per m	0.023 kg

Custom length. See website for more information on special lengths and customisation.

*Actual power consumption

FLEX STRIP PIXEL 60-12 RGB



TECHNICAL DATA

IP classification	IP20
IC type	WS2815
Voltage supply	12VDC
Cutting length	Every Pixel (LED) 16.7 mm
Dimensions (L x W x H)	5,000 x 10 x 2.5 mm
Min. bending radius	20 mm
Max. quantity/length per feed	5 m
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 45 °C
Connection	cable to open wires; 4 x 0.34 mm ² ; 30 cm

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	● ● ●
Luminous flux	200 lm/m
	● 40 lm/m ● 120 lm/m ● 40 lm/m
Beam angle	120°

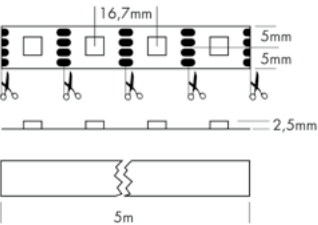
Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

ORDER CODE	COLOUR	LENGTH	LED PCS	POWER CONSUMPTION*	WEIGHT
L6PI601200	● ● ●	500 cm	300	50 watt	0.125 kg
L6PI601200Z	● ● ●	per meter (max. 5 m)	60 per m	10 watt per m	0.025 kg

Custom length. See website for more information on special lengths and customisation.

*Actual power consumption



FLEX STRIP PIXEL 72-12 RGB



TECHNICAL DATA

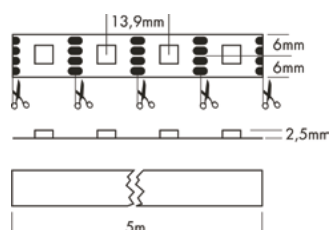
IP classification	IP20
IC type	WS2815
Voltage supply	12 VDC
Cutting length	Every Pixel (LED) 13.9 mm
Dimensions (L x W x H)	5,000 x 12 x 2.5 mm
Min. bending radius	20 mm
Max. quantity/length per feed	5 m
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 45 °C
Connection	cable to open wires; 4 x 0.34 mm ² ; 30 cm

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	● ● ●
Luminous flux	320 lm/m
	● 70 lm/m ● 190 lm/m ● 60 lm/m
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.



PRODUCT TYPES

ORDER CODE	COLOUR	LENGTH	LED PCS	POWER CONSUMPTION*	WEIGHT
L6PI721200	● ● ●	500 cm	360	60 watt	0.135 kg
Custom length. See website for more information on special lengths and customisation.					
L6PI301200Z	● ● ●	per meter (max. 5 m)	72 per m	12 watt per m	0.027 kg

*Actual power consumption

FLEX STRIP PIXEL 60-12 RGBW



TECHNICAL DATA

IP classification	IP20
IC type	TX1818CLX
Voltage supply	12VDC
Cutting length	Every Pixel (LED) 16.7 mm
Dimensions (L x W x H)	5,000 x 12 x 2.5 mm
Min. bending radius	20 mm
Max. quantity/length per feed	5 m
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 45 °C
Connection	cable to open wires; 3 x 0.34 mm ² ; 30 cm

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	● ● ● ○
CCT	2700K, 3000K, 4000K, 6000K
Luminous flux	800lm/m
	● 50lm/m ● 150lm/m ● 50lm/m ○ 550lm/m
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

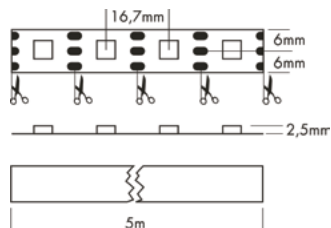
PRODUCT TYPES

ORDER CODE	COLOUR	LENGTH	LED PCS	POWER CONSUMPTION*	WEIGHT
L6PI6012D26	● ● ● ○ (2700K)	500 cm	300	90 watt	0.135 kg
L6PI6012D06	● ● ● ○ (3000K)	500 cm	300	90 watt	0.135 kg
L6PI6012D08	● ● ● ○ (4000K)	500 cm	300	90 watt	0.135 kg
L6PI6012D04	● ● ● ○ (6000K)	500 cm	300	90 watt	0.135 kg

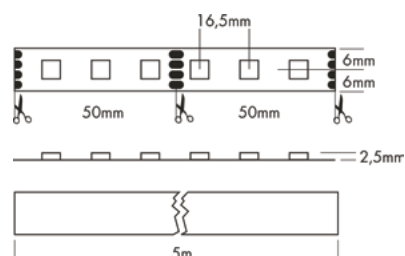
Custom length. See website for more information on special lengths and customisation.

L6PI6012D26Z	● ● ● ○ (2700K)	per meter (max. 5 m)	60 per m	18 watt per m	0.027 kg
L6PI6012D06Z	● ● ● ○ (3000K)	per meter (max. 5 m)	60 per m	18 watt per m	0.027 kg
L6PI6012D08Z	● ● ● ○ (4000K)	per meter (max. 5 m)	60 per m	18 watt per m	0.027 kg
L6PI6012D04Z	● ● ● ○ (6000K)	per meter (max. 5 m)	60 per m	18 watt per m	0.027 kg

*Actual power consumption



FLEX STRIP PIXEL SEG60-12 RGBW



TECHNICAL DATA

IP classification	IP20
IC type	UCS7604
Voltage supply	12 VDC
Cutting length	50 mm (every 3 LEDs)
Dimensions (LxWxH)	5,000 x 12 x 2.5 mm
Min. bending radius	20 mm
Max. quantity/length per feed	5 m
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 45 °C
Connection	cable to open wires; 4 x 0.34 mm ² ; 30 cm

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	● ● ● ○
CCT	2700K, 3000K, 4000K, 6000K
Luminous flux	1170 lm/m (RGBW)
	● 150 lm/m ● 450 lm/m ● 100 lm/m ○ 470 lm/m
CRI	80
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

ORDER CODE	COLOUR	LENGTH	LED PCS	POWER CONSUMPTION*	WEIGHT
L6PISEG6012D26	● ● ● ○ (2700K)	500 cm	300	96 watt	0.135 kg
L6PISEG6012D06	● ● ● ○ (3000K)	500 cm	300	96 watt	0.135 kg
L6PISEG6012D08	● ● ● ○ (4000K)	500 cm	300	96 watt	0.135 kg
L6PISEG6012D04	● ● ● ○ (6000K)	500 cm	300	96 watt	0.135 kg

Custom length. See website for more information on special lengths and customisation.

L6PISEG6012D26Z	● ● ● ○ (2700K)	per meter (max. 5 m)	60 per m	19.2 watt per m	0.027 kg
L6PISEG6012D06Z	● ● ● ○ (3000K)	per meter (max. 5 m)	60 per m	19.2 watt per m	0.027 kg
L6PISEG6012D08Z	● ● ● ○ (4000K)	per meter (max. 5 m)	60 per m	19.2 watt per m	0.027 kg
L6PISEG6012D04Z	● ● ● ○ (6000K)	per meter (max. 5 m)	60 per m	19.2 watt per m	0.027 kg

*Actual power consumption

FLEX STRIP PIXEL SEG60-24 RGBW



TECHNICAL DATA

IP classification	IP20
IC type	UCS7604
Voltage supply	24VDC
Cutting length	100mm (every 6 LEDs)
Dimensions (L x W x H)	5,000 x 12 x 2.5 mm
Min. bending radius	20mm
Max. quantity/length per feed	5 m
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 45 °C
Connection	cable to open wires; 4 x 0.34 mm ² ; 30 cm

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	● ● ● ● ○
CCT	2700K, 3000K, 4000K, 6000K
Luminous flux	1170lm/m
	● 150lm/m ● 450lm/m ● 100lm/m ○ 470lm/m
CRI	80
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

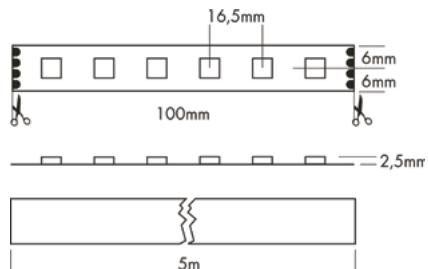
PRODUCT TYPES

ORDER CODE	COLOUR	LENGTH	LED PCS	POWER CONSUMPTION*	WEIGHT
L6PISEG6024D26	● ● ● ● ○ (2700K)	500 cm	300	96 watt	0.135 kg
L6PISEG6024D06	● ● ● ● ○ (3000K)	500 cm	300	96 watt	0.135 kg
L6PISEG6024D08	● ● ● ● ○ (4000K)	500 cm	300	96 watt	0.135 kg
L6PISEG6024D04	● ● ● ● ○ (6000K)	500 cm	300	96 watt	0.135 kg

Custom length. See website for more information on special lengths and customisation.

L6PISEG6024D26Z	● ● ● ● ○ (2700K)	per meter (max. 5 m)	60 per m	19.2 watt per m	0.027 kg
L6PISEG6024D06Z	● ● ● ● ○ (3000K)	per meter (max. 5 m)	60 per m	19.2 watt per m	0.027 kg
L6PISEG6024D08Z	● ● ● ● ○ (4000K)	per meter (max. 5 m)	60 per m	19.2 watt per m	0.027 kg
L6PISEG6024D04Z	● ● ● ● ○ (6000K)	per meter (max. 5 m)	60 per m	19.2 watt per m	0.027 kg

*Actual power consumption



PIXEL LED LIGHT SHEET RGBW



TECHNICAL DATA

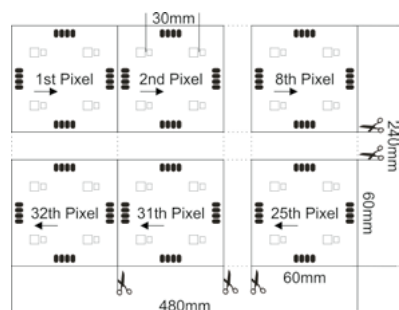
IP classification	IP62
Pixel per Sheet	32 RGBW
IC type	UCS7604
Voltage supply	24VDC
Cutting length	60mm x 60mm (1 Pixel)
Dimensions (L x W x H)	480 x 240 x 6mm
Min. bending radius	20mm
Max. quantity per feed	4 PCS
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 45 °C
Connection	Cable with plug to open wires; 4-Pin

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	● ● ● ○
CCT	3000K
Luminous flux	870lm/sheet
	● 100lm ● 400lm ● 70lm ○ 300lm
CRI	90
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.



PRODUCT TYPES

ORDER CODE	COLOUR	LENGTH	LED PCS	POWER CONSUMPTION*	WEIGHT
L6PISH4812D04	● ● ● ○ (3000K)	500cm	256	24 watt	0.175 kg

*Actual power consumption

FLEX STRIP OPAL SHAPE DIGITAL 2G



TECHNICAL DATA

IP classification	IP65 For outdoor use
Pixel	70 Pixel (5 m Variant) 140 Pixel (10 m Variant)
IC type	UCS1903_800kHz
Voltage supply	24VDC
Cutting length	Every Pixel 7,14 cm (only by PROLED)
Length	5,000 mm ø23 mm (1x ø) 10,000 mm ø25 mm (1x ø)
Min. bending radius	200mm
Max. length per feed	5 m (one Side) 10 m (both Sides)
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 45 °C
Connection	1x cable 3-PIN to open wires, 30 cm (5 m Variant) 2x cable 3-PIN to open wires, 30 cm (10 m Variant)

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	● ● ●
Luminous flux	450lm/m
Beam angle	360°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

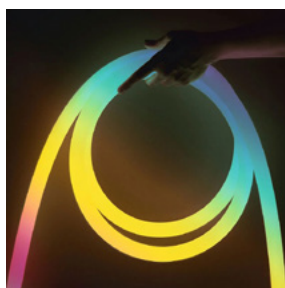
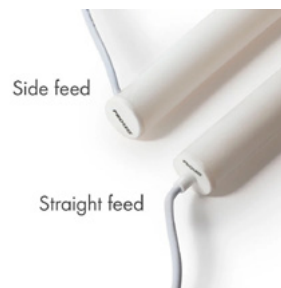
PRODUCT TYPES

ORDER CODE	POWER INPUT	COLOUR	LENGTH	LED PCS	POWER CONSUMPTION*	WEIGHT
L6OP70SEGS	side feed	● ● ●	500 cm	840	80 watt	2.500 kg
L6OP70SEG	streight feed	● ● ●	500 cm	840	80 watt	2.500 kg
L6OP70SEG10	streight feed	● ● ●	1,000 cm	1680	160 watt	5.000 kg

Custom length. See website for more information on special lengths and customisation.

L6OP70SEGSZ	side feed	● ● ●	per meter (max. 5 m)	168 per m	6 watt per m	0.500 kg
L6OP70SEGZ	streight feed	● ● ●	per meter (max. 5 m)	168 per m	16 watt per m	0.500 kg

*Actual power consumption



PIXEL SIGNAGE MODULE RGBW 30



TECHNICAL DATA

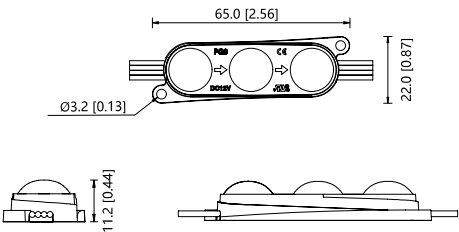
IP classification	IP68 For outdoor use
Modules per String	30 PCS
IC type	USC7604
Voltage supply	12 VDC
Cutting length	Every Module (LED) 33.4 mm
Length	6,410 mm
Cable between modules	122 mm
Max. quantity/length per feed	1 string of 30 Modules
Average lifetime**	50,000 h at L80/B10
Ambient temperature	-10 °C to 60 °C
Connection	2 x cable to open wires; 4 x 0.34 mm ²

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	● ● ● ○
CCT	6500K
Luminous flux	19 lm/module
	● 2 lm/module ● 6 lm/module ● 1 lm/module ○ 10 lm/module
CRI	80+
Beam angle	150°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.



PRODUCT TYPES

ORDER CODE	COLOUR	MODULES PER STRING	LED PCS	POWER CONSUMPTION*
LPLCSMXRGBW30	● ● ● ○	30 PCS	90	24 watt

*Actual power consumption

FLEX TUBE PRO DIGITAL RGBW



TECHNICAL DATA

IP classification	IP67 For outdoor use
IC type	UCS7604
Voltage supply	24VDC
Cutting length	100 mm (every 6 LEDs)
Dimensions (L x W x H)	max. 40,000 x 16 x 28 mm
Min. bending radius	60 mm
Max. quantity/length per feed	10 m
Average lifetime**	50,000 h at L80/B10
Operating temperature range	-20 °C to +45 °C
Connection	Connection cable/end caps IP67 due to heat sealing

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	● ● ● ●
CCT	2700K, 3000K, 4000K
Luminous flux	480 lm/m
	● 70 lm/m ● 180 lm/m ● 40 lm/m ○ 190 lm/m
CRI	80
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

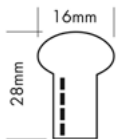
PRODUCT TYPES

ORDER CODE	COLOUR	LENGTH	POWER CONSUMPTION*	WEIGHT
L341D4026R2G	● ● ● ● 2700K	4,000 cm	600 watt	17.600 kg
L341D406R2G	● ● ● ● 3000K	4,000 cm	600 watt	17.600 kg
L341D40R2G	● ● ● ● 4000K	4,000 cm	600 watt	17.600 kg

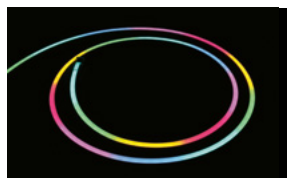
Custom length. See website for more information on special lengths and customisation.

L341D4026R2GZ	● ● ● ● 2700K	per meter (max. 10 m)	15 watt per m	0.440 kg
L341D406R2GZ	● ● ● ● 3000K	per meter (max. 10 m)	15 watt per m	0.440 kg
L341D40R2GZ	● ● ● ● 4000K	per meter (max. 10 m)	15 watt per m	0.440 kg

* Actual power consumption ** Maximum possible lengths



FLEX TUBE FLAT DIGITAL RGBW



TECHNICAL DATA

IP classification	IP67 For outdoor use
IC type	UCS7604
Voltage supply	24VDC
Cutting length	100 mm (every 6 LEDs)
Dimensions (LxWxH)	max. 50,000x12x21 mm
Min. bending radius	60 mm
Max. quantity/length per feed	10 m
Average lifetime**	50,000 h at L80/B10
Operating temperature range	-20 °C to +45 °C
Connection	Connection cable/end caps IP67 due to heat sealing

** With correct installation and suitable thermal management.

PHOTOMETRIC DATA

Colour appearance	● ● ● ○
CCT	2700K, 3000K, 4000K
Luminous flux	350lm/m
	● 60lm/m ● 140lm/m ● 30lm/m ○ 150lm/m
CRI	80
Beam angle	120°

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

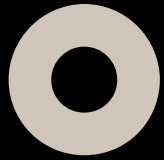
ORDER CODE	COLOUR	LENGTH	POWER CONSUMPTION*	WEIGHT
L372D4026R2G	● ● ● ○ 2700K	5,000 cm	750 watt	15.000 kg
L372D406R2G	● ● ● ○ 3000K	5,000 cm	750 watt	15.000 kg
L372D40R2G	● ● ● ○ 4000K	5,000 cm	750 watt	15.000 kg

Custom length. See website for more information on special lengths and customisation.

L372D4026R2GZ	● ● ● ○ 2700K	per meter (max. 10 m)	15 watt per m	0.300 kg
L372D406R2GZ	● ● ● ○ 3000K	per meter (max. 10 m)	15 watt per m	0.300 kg
L372D40R2GZ	● ● ● ○ 4000K	per meter (max. 10 m)	15 watt per m	0.300 kg

*Actual power consumption ** Maximum possible lengths



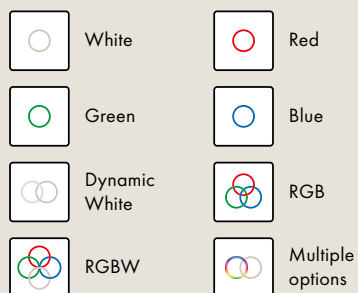


LIGHTING SOLUTIONS

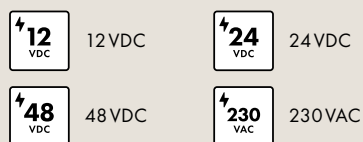
Ready to install: For projects requiring complete lighting installations, our DIGITAL PIXEL luminaires offer ready-to-install solutions. Easily integrated into architectural facades, signage and more, they provide a reliable base for creative lighting designs.

With customisable modules and easy adaptability, they are ideal for bespoke applications. From large scale installations to high impact projects, DIGITAL PIXEL delivers reliable and dynamic lighting results.

COLOUR APPEARANCE



VOLTAGE



IP CLASSIFICATION



PROTOCOL



WARRANTY



LIGHTING SOLUTIONS

STRONG PARTNERSHIP FOR SEAMLESS CONTROL

PROLED and LED CTRL have joined forces to combine state-of-the-art DIGITAL PIXEL LED technology with advanced control solutions. This partnership creates a seamless, intuitive product for dynamic light shows, animations and precise accent lighting.

LED CTRL's DMX and ArtNet compatible systems provide flexible control via multiple devices. Together, we deliver powerful, easy-to-use tools for sophisticated designs - from facades to immersive events.

With exceptional precision, versatility and reliability, our DIGITAL PIXEL solutions set new standards and open up exciting new possibilities in modern lighting.



SPOT LIGHT BXS10



TECHNICAL DATA

IP classification	IP66 For outdoor use
IC type	UCS7604
Power Consumption	10 watt
Dimensions (LxWxH)	ø85x93 mm
Weight	0.85 kg
IK Rating	IK07
Mounting Options	Bracket, Landscape Spike
Average lifetime	50,000 h/L70 at 25°C
Operating Temperature	-20°C to 60°C

PHOTOMETRIC DATA

Resolution	1 Pixel
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	538lm @ 10 watt RGBW
CRI	>82 (92 available on request)
LED Type	High Power LEDs

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

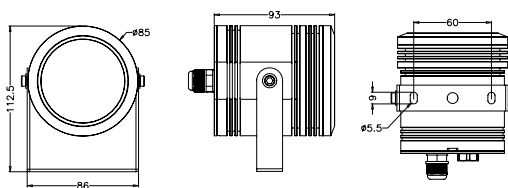
PRODUCT TYPES

ORDER CODE	DESCRIPTION
LPLCBXS10DW	DIGITAL PIXEL SPOT LIGHT BXS10 DYNAMIC WHITE
LPLCBXS10D04	DIGITAL PIXEL SPOT LIGHT BXS10 RGBW

PRODUCT CONFIGURATOR

PREFIX	MODEL	COLOUR	PROTOCOL	ANGLE	VOLTAGE	SNOOT	HOUSING	MOUNT
BXS	10	RGBW	S	10	24	F	B	RGBW
		RGBW RGBA RGBWA DW – Dyn. White W – White	S – SPI D – DMX P – PWM DA – DALI X – X-Stream	10 – 10° 25 – 25° 40 – 40° 1.3 – 10° x 35° 1.6 – 10° x 60° 2.4 – 20° x 40° 3.6 – 30° x 60°	24 – 24VDC		F – Full Snoot HC – Honeycomb H – Half Snoot N – none	B – Black G – Grey R – Red C – Custom RAL
								B – Bracket LS – Landscape Spike

Dimensions No Snoot:



SPOT LIGHT BXS30



TECHNICAL DATA

IP classification	IP66 For outdoor use
IC type	UCS7604
Power Consumption	30 watt
Dimensions (L x W x H)	ø 165 x 223 mm
Weight	3.0 kg
IK Rating	IK07
Mounting Options	Bracket, Suspension Rod
Average lifetime	50,000 h / L70 at 25°C
Operating Temperature	-20°C to 60°C

PHOTOMETRIC DATA

Resolution	1 Pixel
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	827 lm @ 30 watt RGBW
CRI	>82 (92 available on request)
LED Type	High Power LEDs

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

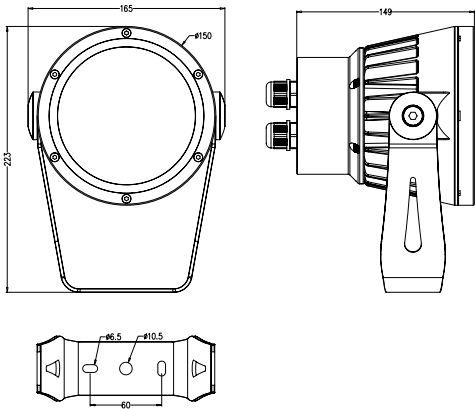
PRODUCT TYPES

ORDER CODE	DESCRIPTION
LPLCBXS30D04	DIGITAL PIXEL SPOT LIGHT BXS30 RGBW

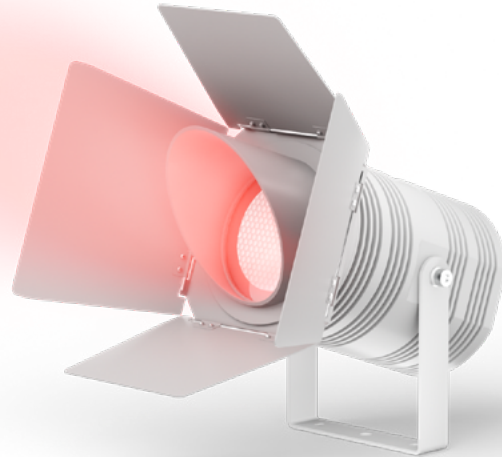
PRODUCT CONFIGURATOR

PREFIX	MODEL	COLOUR	WHITE	CONTROL	ANGLE	VOLTAGE	SNOOT	HOUSING	MOUNT
BXS	30	RGBW	24K	S	5	AC	F	B	B
		RGBW RGBA RGB DW – Dyn. White W – White	24K – 2400K 27K – 2700K 30K – 3000K 35K – 3500K 40K – 4000K 50K – 5,000K 60K – 6000K	S – SPI D – DMX P – PWM DA – DALI X – X-Stream	5 – 5° 10 – 10° 25 – 25° 40 – 40° 1.3 – 10° x 35° 1.6 – 10° x 60° 2.4 – 20° x 40° 3.6 – 30° x 60°	AC – 100-240VAC	F – Full Snoot CL – Crossed Louvre H – Half Snoot	B – Black G – Grey R – Red C – Custom RAL	B – Bracket SR – Suspension Rod

Dimensions No Snoot:



SPOT LIGHT BXS50



TECHNICAL DATA

IP classification	IP66 For outdoor use
IC type	UCS7604
Power Consumption	50 watt
Dimensions (LxWxH)	ø 140 x 186 mm
Weight	6.2 kg
IK Rating	IK07
Mounting Options	Spike, Bracket
Average lifetime	70,000 h / L70 at 25°C
Operating Temperature	-20°C to 60°C

PHOTOMETRIC DATA

Resolution	1 Pixel
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	1700lm @ 50 watt RGBW
CRI	>82
LED Type	High Power LEDs

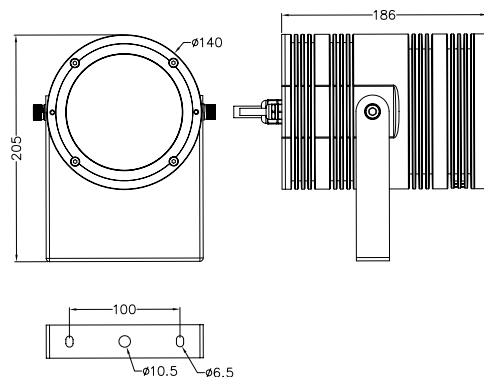
Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

ORDER CODE DESCRIPTION

LPLCBXS50 DIGITAL PIXEL SPOT LIGHT BXS50 RGBW

Dimensions No Snoot:

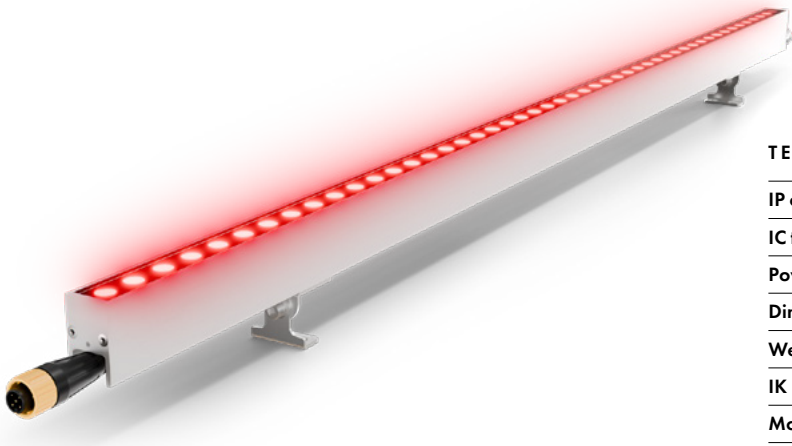


PRODUCT CONFIGURATOR

PREFIX	MODEL	COLOUR	WHITE	CONTROL	ANGLE	VOLTAGE	SNOOT	HOUSING	MOUNT
BXS	50	RGBW	24K	S	5	AC	SL	B	B
		RGBW RGBA RGB DW – Dyn. White W – White	24K – 2400K 27K – 2700K 30K – 3000K 35K – 3500K 40K – 4000K 50K – 5,000K 60K – 6000K	S – SPI D – DMX DA – DALI X – X-Stream	5 – 5° 10 – 10° 25 – 25° 40 – 40° 60 – 60° 1.6 – 10° x 60° 3.6 – 30° x 60°	AC – 100-240 VAC	SL – Spread Lens F – Full Snoot HC – Honeycomb H – Half Snoot B – Barndoor N – none	B – Black G – Grey R – Red C – Custom RAL	B – Bracket S – Spike

EXAMPLE 1

GRAZER BXG24



TECHNICAL DATA

IP classification	IP66 For outdoor use
IC type	UCS7604
Power Consumption	12 watt (500 mm) / 24 watt (1,000 mm)
Dimensions (L x W x H)	500 / 1,000 x 25 x 70 mm
Weight	0.8 kg (500 mm) / 1.6 kg (1,000 mm)
IK Rating	IK07
Mounting Options	Foot Mount, Swivel Mount (30° and 90°)
Average lifetime	50,000 h / L70 at 25°C
Operating Temperature	-20°C to 60°C

PHOTOMETRIC DATA

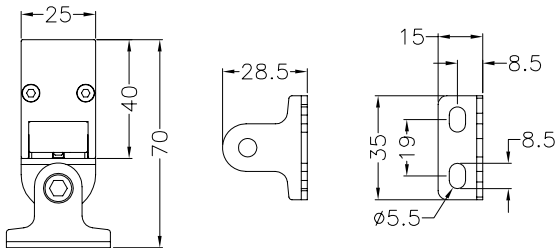
Resolution	1 Pixel
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	1627lm @ 24 watt 2700K
CRI	>82
LED Type	Low Power LEDs

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

ORDER CODE	DESCRIPTION
LPLCBXG24D04	DIGITAL PIXEL GRAZER BXG24 RGBW DC

Dimensions Swivel Mount:



PRODUCT CONFIGURATOR

PREFIX	MODEL	LENGTH	COLOUR	WHITE	CONTROL	ANGLE	VOLTAGE	HOUSING
BXG	24	500	RGBW	24K	S	25	24	A
		500 – 500 mm 1000 – 1000 mm	RGBW RGBA RGB DW – Dyn. White	24K – 2400K 27K – 2700K 30K – 3000K 35K – 3500K 40K – 4000K 50K – 5,000K 60K – 6000K	S – SPI D – DMX P – PWM X – X-Stream	25 – 25° 40 – 40° 2.4 – 20° x 40°	24 – 24VDC	A – Anodised Aluminium B – Black W – White C – Custom RAL

GRAZER BXG40



TECHNICAL DATA

IP classification	IP66 For outdoor use
IC type	UCS7604
Power Consumption	20 watt (500 mm) / 40 watt (1,000 mm) / 60 watt (1,500 mm)
Dimensions (LxWxH)	500 / 1,000 / 1,500 x 70 x 35 mm
Weight	1.9 kg (500 mm) / 3.8 kg (1,000 mm) / 5.7 kg (1,500 mm)
IK Rating	IK07
Mounting Options	Foot Mount, Swivel Mount (30° and 90°)
Average lifetime	50,000 h / L70 at 25°C
Operating Temperature	-20°C to 50°C

PHOTOMETRIC DATA

Resolution	up to 6 Pixel
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	3378 lm @ 40 watt 3000K
CRI	>82 (92 available on request)
LED Type	High Power LEDs

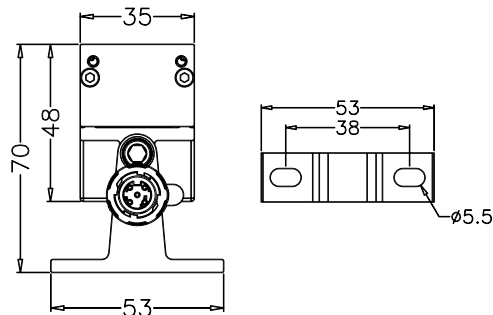
Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

ORDER CODE DESCRIPTION

LPLCBXG40D04 DIGITAL PIXEL GRAZER BXG40 RGBW AC

Dimensions 1000 mm:

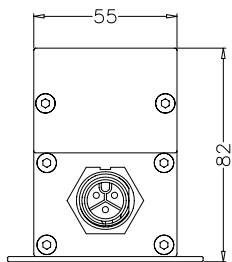
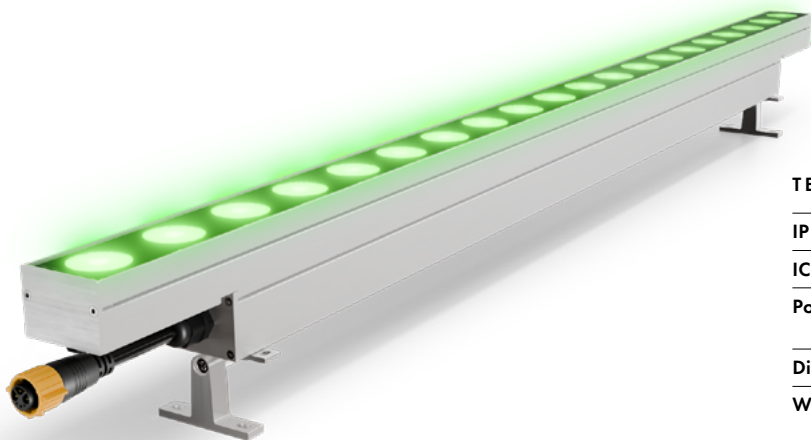


PRODUCT CONFIGURATOR

PREFIX	MODEL	LENGTH	COLOUR	CONTROL	ANGLE	VOLTAGE	PIXEL	HOUSING	MOUNT
BXG	40	500	RGBW	S	15	AC	1	A	3S
		500 – 500 mm	RGBW	S – SPI	15 – 15°	AC – 100-240 VAC	1	A – Aluminium B – Black W – White C – Custom RAL	3S – 30° Swivel
		1000 – 1000 mm	RGBA	D – DMX	25 – 25°		2		9S – 90° Swivel
		1500 – 1500 mm	RGB	P – PWM	40 – 40°		3		F – Foot Mount
			DW – Dyn. White	X – X-Stream	60 – 60°		4		
					1.3 – 10° x 35°		5		
					1.6 – 10° x 60°		6		
					3.6 – 30° x 60°				

EXAMPLE 1

GRAZER BXG66



TECHNICAL DATA

IP classification	IP66 For outdoor use
IC type	UCS7604
Power Consumption	20 watt (305 mm) / 40 watt (610 mm) / 60 watt (915 mm) / 80 watt (1,220 mm)
Dimensions (L x W x H)	305 / 610 / 915 / 1,220 x 55 x 82 mm
Weight	1.63 kg (305 mm) / 3.25 kg (610 mm) / 4.88 kg (915 mm) / 6.5 kg (1,220 mm)
IK Rating	IK07
Mounting Options	Foot Mount, Swivel Mount (30° and 90°)
Average lifetime	50,000 h / L70 at 25°C
Operating Temperature	-20°C to 50°C

PHOTOMETRIC DATA

Resolution	5 Pixel / 10 Pixel / 15 Pixel / 20 Pixel
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	2950 lm @ 80 watt RGBW
CRI	>82
LED Type	Multi-Chip High Power LEDs

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT CONFIGURATOR

PREFIX	MODEL	LENGTH	COLOUR	WHITE	CONTROL	ANGLE	VOLTAGE	LENS	HOUSING	MOUNT
BXG	66	305	RGBW	24K	S	10	AC	P	A	3S
EXAMPLE ↴		305 – 305 mm	RGBW	24K – 2400K	S – SPI	10 – 10°	AC – 100-240VAC	P – Poly Carb.	A – Aluminium	3S – 30° Swivel
		610 – 610 mm	RGBA	27K – 2700K	D – DMX	25 – 25°		G – Temp. Glass		
		915 – 915 mm	RGB	30K – 3000K	P – PWM	40 – 40°				
		1220 – 1220 mm	DW – Dyn. White	35K – 3500K	X – X-Stream	60 – 60°				
			W – White	40K – 4000K		1.3 – 10° x 35°				
				50K – 5,000K		1.6 – 10° x 60°				9S – 90° Swivel
				60K – 6000K		3.6 – 30° x 60°			C – Custom RAL	F – Foot

PRODUCT TYPES

ORDER CODE	DESCRIPTION
LPLCBXG305	DIGITAL PIXEL GRAZER BXG66 RGBW AC 305
LPLCBXG610	DIGITAL PIXEL GRAZER BXG66 RGBW AC 610
LPLCBXG915	DIGITAL PIXEL GRAZER BXG66 RGBW AC 915
LPLCBXG1220	DIGITAL PIXEL GRAZER BXG66 RGBW AC 1220

GRAZER BXG80



TECHNICAL DATA

IP classification	IP66 For outdoor use
IC type	UCS7604
Power Consumption	20 watt (305 mm) / 40 watt (610 mm) / 60 watt (915 mm) / 80 watt (1,220 mm)
Dimensions (LxWxH)	305 / 610 / 915 / 1,220 x 55 x 82 mm
Weight	1.35 kg (305 mm) / 2.7 kg (610 mm) / 4.05 kg (915 mm) / 5.4 kg (1,220 mm)
IK Rating	IK08
Mounting Options	Foot Mount, Swivel Mount (30° and 90°), 120° Swivel Unistrut Mount
Average lifetime	50,000 h / L70 at 25°C
Operating Temperature	-40°C to 50°C

PHOTOMETRIC DATA

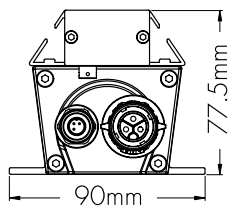
Resolution	1 – 4 Pixel
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	4305 lm @ 80 watt RGBW
CRI	>82 (92 available on request)
LED Type	High Power LEDs

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

ORDER CODE	DESCRIPTION
LPLCBXG80D04	DIGITAL PIXEL GRAZER BXG80 RGBW AC

Dimensions 610 mm:



PRODUCT CONFIGURATOR

PREFIX	MODEL	LENGTH	COLOUR	WHITE	CONTROL	ANGLE	VOLTAGE	PIXEL	HOUSING	MOUNT
BXG	80	305	RGBW	24K	S	10	48	1	A	3S
		305 – 305 mm	RGBW	24K – 2400K	S – SPI	10 – 10°	48 – 48VDC	1	A – Aluminium	3S – 30° Swivel
		610 – 610 mm	RGBA	27K – 2700K	D – DMX	25 – 25°	AC – 100-240VAC	4	B – Black	9S – 90° Swivel
		915 – 915 mm	RGB	30K – 3000K	P – PWM	40 – 40°			C – Custom RAL	12S – 120° Swivel
		1220 – 1220 mm	DW – Dyn. White	35K – 3500K	X – X-Stream	1.3 – 10° x 35°				F – Foot
			W – White	40K – 4000K		1.6 – 10° x 60°				9F – 90° Fixed
				50K – 5,000K		2.4 – 20° x 40°				
				60K – 6000K		3.6 – 30° x 60°				

EXAMPLE 1

PIXEL PUX 6



TECHNICAL DATA

IP classification	IP67 For outdoor use
IC type	UCS7604
Power Consumption	1.5 watt (RGB/White) / 1.8 watt (RGBW) per unit
Dimensions (L x W x H)	ø 40 x 13 mm
Weight	0.05 kg / unit
Mounting Options	Clip Mount, U-Channel, Nut Mount, Screw Mount, Panel Mount
Average lifetime	50,000 h / L70 at 25°C
Operating Temperature	-20°C to 50°C

PHOTOMETRIC DATA

Resolution	1 Pixel per unit
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	75 lm @ 1.5 watt 6000K
CRI	>82
LED Type	5050 SMD LEDs

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT CONFIGURATOR

PREFIX	MODEL	COLOUR	CONTROL	QTY	PITCH	VOLTAGE	LENSES	HOUSING	MOUNT
PUX	6	RGBW	S	1	70	24	03	W	BA

EXAMPLE ↴

PRODUCT TYPES

ORDER CODE	DESCRIPTION
LPLCPUX610D04	PROLED DIGITAL PIXEL PUX 6 RGBW 10
LPLCPUX610804	PROLED DIGITAL PIXEL PUX 6 MONO WHITE 10
LPLCPUX610808	PROLED DIGITAL PIXEL PUX 6 MONO NEUTRAL WHITE 10
LPLCPUX610806	PROLED DIGITAL PIXEL PUX 6 MONO WARM WHITE 10

RGBW	S – SPI	1	70 – 70 mm	24 – 24VDC	03 – 3mm	W – White	BA – 3M Back
RGBWA	X – X-Stream	2	80 – 80 mm		05 – 5mm	C – Custom RAL	FA – 3M Face
RGBWV		3	90 – 90 mm		10 – 10mm		C – Clip
RGB		...	...		BL – Black		N – Nut
W – White		50	350 – 350 mm		CL – Clear		P – Panel
					CR – Crystal		SC – Screws
					CU – Custom		U – U-Channel
					DM – Dome		
					FR – Frosted		
					LN – Lens		
					TD – Tall Dome		
					TF – Tall Flat		
					VB – Vinyl Black		
					VG – Vinyl Grey		
					VR (###) – Vinyl RAL		
					VW – Vinyl White		

PIXEL PUX 9



TECHNICAL DATA

IP classification	IP67 For outdoor use
IC type	UCS7604
Power Consumption	2.25 watt (RGB / White) / 2.5 watt (RGBW) per unit
Dimensions (LxWxH)	ø 55 x 13 mm
Weight	0.05 kg / unit
Mounting Options	Clip Mount, U-Channel, Nut Mount, Surface Mount
Average lifetime	50,000 h / L70 at 25°C
Operating Temperature	-20°C to 50°C

PHOTOMETRIC DATA

Resolution	1 Pixel per unit
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	110lm @ 2.5 watt 3000K
CRI	>82
LED Type	5050 SMD LEDs

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT CONFIGURATOR

PREFIX	MODEL	COLOUR	CONTROL	QTY	PITCH	VOLTAGE	LENSES	HOUSING	MOUNT
PUX	9	RGBW	S	1	70	24	03	W	BA

EXAMPLE ↴

RGBW	S – SPI	1	70 – 70 mm	24 – 24VDC	03 – 3mm	W – White	BA – 3M Back
RGBWA	D – DMX	2	80 – 80 mm		05 – 5mm	C – Custom RAL	FA – 3M Face
RGBWV	P – PWM	3	90 – 90 mm		10 – 10mm		C – Clip
RGB	X – X-Stream	...	...		BL – Black		N – Nut
W – White		50	350 – 350 mm		CL – Clear		P – Panel
					CR – Crystal		
					CU – Custom		
					DM – Dome		
					FR – Frosted		
					LN – Lens		
					TD – Tall Dome		
					TF – Tall Flat		
					VB – Vinyl Black		
					VG – Vinyl Grey		
					VR (###) – Vinyl RAL		
					VW – Vinyl White		

PRODUCT TYPES

ORDER CODE	DESCRIPTION
LPLCPUX910D04	PROLED DIGITAL PIXEL PUX 9 RGBW 10
LPLCPUX910804	PROLED DIGITAL PIXEL PUX 9 MONO WHITE 10
LPLCPUX910808	PROLED DIGITAL PIXEL PUX 9 MONO NEUTRAL WHITE 10
LPLCPUX910806	PROLED DIGITAL PIXEL PUX 9 MONO WARM WHITE 10

The LXB LED linear bar range provides an efficient direct-view luminaire, designed for extended runs and harsh environments. Available in RGB, RGBW, and Dynamic White options, it supports lengths up to 96 meters per product with a resolution of 8 pixels per meter. Backed by a 5-year warranty for reliable performance.



FAÇADE LIGHT LXB



TECHNICAL DATA

IP classification	IP66 For outdoor use
IC type	UCS7604
Power Consumption	21 watt (1,500 mm)
Dimensions (L x W x H)	1,500 x 45 x 93 mm
Weight	4.4 kg (1,500 mm)
IK Rating	IK07
Mounting Options	LXB Mounting Channel
Average lifetime	50,000 h / L70 at 25°C
Operating Temperature	-20°C to 50°C

PHOTOMETRIC DATA

Resolution	1 – 10 Pixel
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	354 lm/m with milky white cover
CRI	>80
LED Type	SMD LED / TRILED / Quad Chip

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

ORDER CODE	DESCRIPTION
LPLCLXB050D04	PROLED DIGITAL PIXEL FAÇADE LIGHT LXB RGBW 500MM
LPLCLXB150D04	PROLED DIGITAL PIXEL FAÇADE LIGHT LXB RGBW 1500MM
ORDER CODE	DESCRIPTION
LPLCLXBA02	MOUNTING CHANNEL FOR LXB 500MM
LPLCLXBA01	MOUNTING CHANNEL FOR LXB 3000MM

PRODUCT CONFIGURATOR

PREFIX	MODEL	PIXELS/M	LENGTH	COLOUR	WHITE	CONTROL	VOLTAGE	LENS	HOUSING
LXB	F	1	1500	RGBW	24K	S	AC	W	A
	F – Façade R – Roofline	1 2 3 ... 10	1500 – 1500 mm C – Custom	RGBW RGBA RGB DW – Dyn. White W – White	24K – 2400K 27K – 2700K 30K – 3000K 35K – 3500K 40K – 4000K 50K – 5,000K 60K – 6000K	S – SPI D – DMX X – X-Stream	AC – 100-277 VAC	W – White G – Grey	A – Aluminium C – Custom RAL

EXAMPLE 1

LINEAR LIGHT LXD8



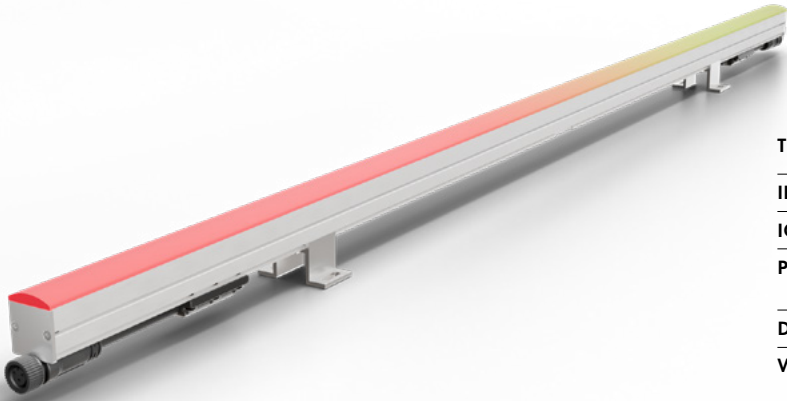












TECHNICAL DATA

IP classification	IP66 For outdoor use
IC type	UCS7604
Power Consumption	4.2 watt (300 mm) / 7 watt (500 mm) / 14 watt (1,000 mm)
Dimensions (L x W x H)	300 / 500 / 1000 x 24 x 45 mm
Weight	0.38 kg (300 mm) / 0.63 kg (500 mm) / 1.26 kg (1,000 mm)
IK Rating	IK07
Mounting Options	Clip Mount, Foot Mount, Hook-up Brackets
Average lifetime	50,000 h / L70 at 25°C
Operating Temperature	-20°C to 50°C

PHOTOMETRIC DATA

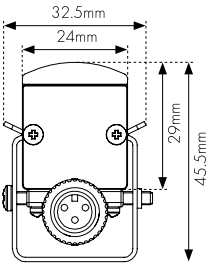
Resolution	1 – 16 Pixel
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	360lm @ 1m
CRI	>82
LED Type	SMD LED 5050

Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

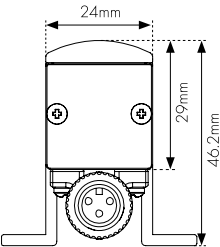
PRODUCT TYPES

ORDER CODE	DESCRIPTION
LPLCLXD8D04	PROLED DIGITAL PIXEL FACADE LIGHT LXD8 RGBW 1000MM

Spring Clip:



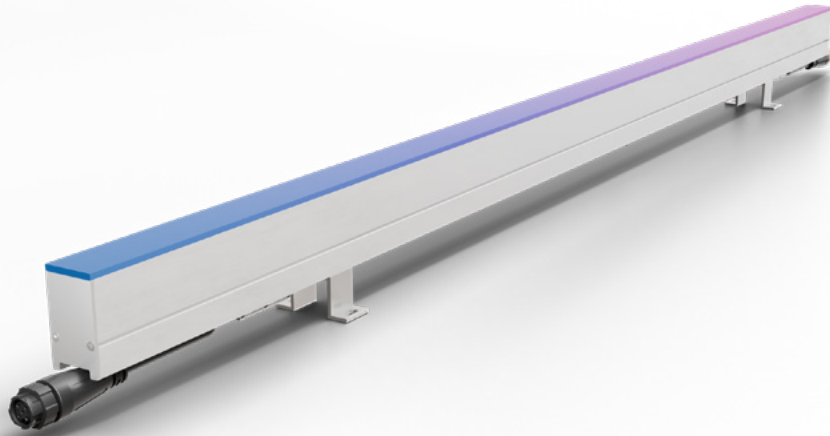
Foot Mount:



PRODUCT CONFIGURATOR

PREFIX	MODEL	LENGTH	COLOUR	WHITE	CONTROL	VOLTAGE	HOUSING	MOUNT
LXD	1	300	RGBW	24K	S	24	A	F
	1 – 1 pixels 8 – 8 pixels 16 – 16 pixels	300 – 300 mm 500 – 500 mm 1000 – 1000 mm	RGBW RGBA RGB DW – Dyn. White W – White	24K – 2400K 27K – 2700K 30K – 3000K 35K – 3500K 40K – 4000K 50K – 5,000K 60K – 6000K	S – SPI D – DMX X – X-Stream	24 – 24VDC 48 – 48VDC	A – Aluminium C – Custom RAL	F – Foot C – Clip HB – Hook-on Bracket

LINEAR LIGHT LXM50



TECHNICAL DATA

IP classification	IP66 For outdoor use
IC type	UCS7604
Power Consumption	7.0 watt (500 mm) / 16.8 watt (1,200 mm)
Dimensions (L x W x H)	500 / 1,200 x 20 x 49 mm
Weight	1.0 kg (500 mm) / 2.4 kg (1,200 mm)
IK Rating	IK07
Mounting Options	Clip Mount, Foot Mount, Hook-up Brackets
Average lifetime	50,000 h / L70 at 25°C
Operating Temperature	-20°C to 50°C

PHOTOMETRIC DATA

Resolution	10 – 50 Pixel
Colour Range	White (2400K – 6000K), RGB, RGBW, RGBA, DW (2000K – 5000K)
Luminous flux	390lm @ 14 watt RGB
CRI	>82
LED Type	SMD LED 5050

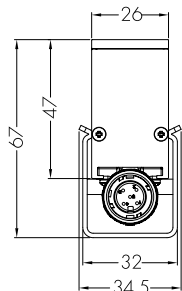
Due to conditions of production photometric data can vary from production batch to production batch within the EU directive.

PRODUCT TYPES

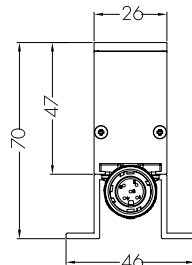
ORDER CODE DESCRIPTION

LPLCLXM50D04 PROLED DIGITAL PIXEL FACADE LIGHT LXM50 RGBW 1000MM

Spring Clip:



Foot Mount:



PRODUCT CONFIGURATOR

PREFIX	MODEL	LENGTH	COLOUR	WHITE	CONTROL	VOLTAGE	LENS	HOUSING	MOUNT
LXM	10	500	RGBW	24K	S	24	F	A	F
	10 – 10 pixels 20 – 20 pixels 30 – 30 pixels 40 – 40 pixels 50 – 50 pixels	500 – 500mm 1200 – 1200mm C – Custom	RGBW RGBA RGB DW – Dyn. White W – White	24K – 2400K 27K – 2700K 30K – 3000K 35K – 3500K 40K – 4000K 50K – 5,000K 60K – 6000K	S – SPI D – DMX X – X-Stream	24 – 24VDC 48 – 48 VDC	F – Flat D – Dome	A – Aluminium C – Custom RAL	F – Foot C – Clip HB – Hook-on Bracket

EXAMPLE 1

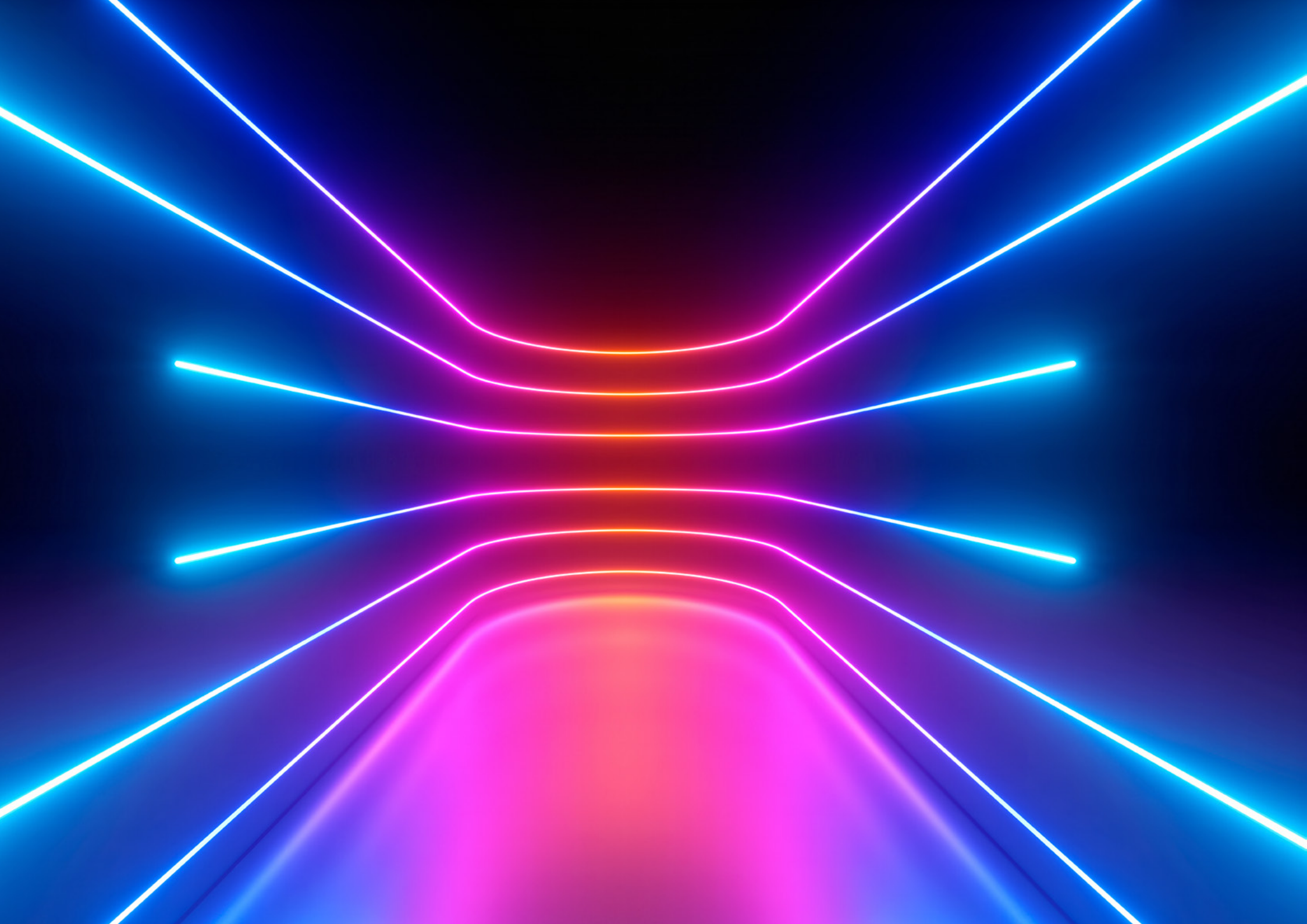
CABLES

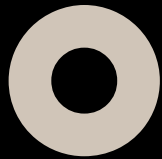
ORDER CODE	DESCRIPTION	CONNECTOR	PUX6	PUX9	BXS10	BXS30	BXS50	BXG 24	BXG 40	BXG 66	BXG 80	BXW WINDOW	LXD 8	LXM 50	LXB	FXF FESTOON	FXM MESH
LPCLVLSPIR1M	DC + SPIR Leader cable 1 m	M12 4Pin (2+2)	•	•													
LPCLVLSPIR10M	DC + SPIR Leader cable 10 m	M12 4Pin (2+2)	•	•													
LPCLVJSPIR02M	DC + SPIR Joiner cable 0.2 m	M12 4Pin (2+2)	•	•													
LPCLVJSPIR5M	DC + SPIR Joiner cable 5 m	M12 4Pin (2+2)	•	•													
LPCLVTJSPIR	DC + SPIR T Join Power injection cable	M12 4Pin (2+2)	•	•													
LPCLVPBSPIR02M	DC + SPIR Power break cable 0.2 m	M12 4Pin (2+2)	•	•													
LPCLVRPSPIR02M	DC + SPIR Reverse Power feed cable 0.2 m	M12 4Pin (2+2)	•	•													
LPCLVLLX1M	DC + SPIR (Large) Leader cable 1 m	M16 4Pin (2+2)			•			•					•	•			
LPCLVLPJX02M	DC + SPIR (Large) Joiner cable 0.2 m	M16 4Pin (2+2)			•			•									
LPCLVLTJX	DC + SPIR (Large) T Join Power injection cable	M16 4Pin (2+2)			•			•									
LPCLVLPBX02M	DC + SPIR (Large) Power break cable 0.2 m	M16 4Pin (2+2)			•			•									
LPCLVLRPX02M	DC + SPIR (Large) Reverse Power feed cable 0.2 m	M16 4Pin (2+2)			•			•									
LPCLVLLD1M	DC + DMX (Large) Leader cable 1 m	M16 5pin (3+2)			•			•				•	•	•		•	
LPCLVLPJD02M	DC + DMX (Large) Joiner cable 0.2 m	M16 5pin (3+2)			•			•				•	•	•		•	
LPCLVLTJD	DC + DMX (Large) T Join Power injection cable	M16 5pin (3+2)			•			•				•	•	•		•	
LPCLVLPBD02M	DC + DMX (Large) Power break cable 0.2 m	M16 5pin (3+2)			•			•				•	•	•		•	
LPCLVLRPD02M	DC + DMX (Large) Reverse Power feed cable 0.2 m	M16 5pin (3+2)			•			•				•	•	•		•	
LPCLVSDMXT	DMX end of line terminator (small)	M12 5pin (3+2)															
LPCLVLDMXT	DMX end of line terminator (large)	M16 5pin (3+2)			•			•									
LPACACSPIRL1	AC + SPIR Leader cable 1 m	M19 6pin (3+3)				•	•		•	•	•				•		
LPACACSPIRL15	AC + SPIR Leader cable 15 m	M19 8pin (3 +5)				•	•		•	•	•				•		
LPACACSPIRJ1	AC + SPIR Joiner cable 1 m	M19 8pin (3 +5)				•	•		•	•	•				•		
LPACACSPIRJ15	AC + SPIR Joiner cable 5 m	M19 8pin (3 +5)				•	•		•	•	•				•		

ORDER CODE	DESCRIPTION	CONNECTOR	PUX6	PUX9	BXS10	BXS30	BXS50	BXG 24	BXG 40	BXG 66	BXG 80	BXW WINDOW	LXD 8	LXM 50	LXB	FXF FESTOON	FXM MESH
LPLCACLD1M	AC + DMX Leader cable 1 m	M19 6pin (3+3)				•	•		•	•	•						
LPLCACLD15M	AC + DMX Leader cable 15 m	M19 6pin (3+3)				•	•		•	•	•						
LPLCACPD1M	AC + DMX Joiner cable 1 m	M19 6pin (3+3)				•	•		•	•	•						
LPLCACPD5M	AC + DMX Joiner cable 5 m	M19 6pin (3+3)				•	•		•	•	•						
LPLCACDMXT	DMX end of line terminator (AC)	M19 6pin (3+3)				•	•		•	•	•						
LPLCACLXB1M	AC + Boosted SPIR Leader cable 1 m	M19 8pin (3+5)				•	•		•	•	•				•		
LPLCACPJXB1M	AC + Boosted SPIR Joiner cable 1 m	M19 8pin (3+5)				•	•		•	•	•				•		
LPLCFXMLD1M	FXM DC + SPIR Leader cable 1 m																•

Cable Purpose

Leader	Combines power and data feeds from a bare wire end to a female connector to provide the input to the first fixture in a chain
Joiner	Provides a straight through connection of power and data from one fixture to the next (male to female connects)
T-Join	Provides a straight through connection of power and data from one fixture to the next, plus an additional input to inject power at this point (male to female connectors, plus male connector on the T feed)
Power Break	Provides a connection of ground and data but not power – this allows the signal to flow through, while providing a break between two power supplies controlling the two sections of lights (male to female connectors)
Reverse Power	Provides straight through connection of power only with male connectors both ends - this allows a standard leader to be used with this cable to provide power into the output of the last fitting whilst maintaining integrity that females connectors provide by effectively converting the output connector of the last fixture to male
DMX Terminator	DMX chains of fixtures require an end of line terminator at the exit of the final fixture in the chain to prevent signal reflections and reduce interference





CONTROL SYSTEMS & SOFTWARE

In collaboration with LED CTRL and DiGiDot, PROLED delivers advanced control systems and intuitive software designed to manage DIGITAL PIXEL installations with precision and ease. Compatible with industry-standard protocols such as DMX and ArtNet, the software supports a wide range of lighting scenarios, from simple to complex, offering ultimate flexibility to control your designs via multiple devices.

The user-friendly software enables the creation of intricate animations and light shows while providing comprehensive control features tailored for architectural solutions, including time/date scheduling and BMS integration capability.

LED CTRL PX24

The PX24 pixel controller drives up to six universes of data on each of its four outputs, delivering a total of 24 universes of LED pixel control. It features easily accessible and removable screw terminal blocks for convenient setup and maintenance. Each pixel output is designed to handle substantial current loads and is equipped with Smart Electronic Fusing, eliminating the need to replace fuses and ensuring reliable operation.

TECHNICAL DATA

Power range	5-24VDC
Pixel outputs	4 normal mode/expanded mode
Control input	Max 24 universes Art-Net/sACN
Output signal	SPI, SPI-R and DMX512
Output	4x 4-pole IP40 screw terminals, 4 outputs x 7A (total 28A) with optional clock data output
Aux output	1x RS485 input/output or DMX512
Operating temperature range	-20 °C to +70 °C
Dimensions (L x W x H)	126,5 x 119 x 42 mm
Weight	0.322 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION
L5138124	LED CTRL PX24



LED CTRL MX96 PRO



The MX96 is a high-performance pixel LED controller capable of transmitting up to 96 universes of data to 8 SX2/SX4 devices over distances of up to 300 meters. Ideal for professional installations, it excels in scenarios where LEDs need to be spaced apart over significant distances, providing reliable and precise control for complex lighting setups.

TECHNICAL DATA

Power range	110-240 VAC
Control input	Ethernet RJ45 (E1.31/sACN)/Art-Net
Output signal	8x X-Data, 1x DMX
Output	8x Ethernet (RJ45)
Aux output	DMX via 3-pin screw terminal, Micro SD card slot
Operating temperature range	-10 °C to +60 °C
Dimensions (LxWxH)	220 x 160 x 43 mm
Weight	1.1 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION
L5138112	LED CTRL MX96 PRO

LED CTRL SX



When paired with an MX96PRO controller, the SX-Series receives differential (long-distance) data and converts it into a pixel-ready signal. This setup is perfect for professional installations, particularly in scenarios where LEDs need to be spaced apart over considerable distances, ensuring reliable and precise operation.

TECHNICAL DATA

Power range	5-24 VDC
Control input	X-Data (RJ45 – Ethernet)
Output signal	SPI, SPI-R and DMX512
Output	2x 4-pole IP40 screw terminals 7.5 A x 2 outputs (total 15 A) with optional clock data output
Parameter	Max. 12 universes (6,144 channels) Max. 3,072 channels per output
Operating temperature range	-20 °C to +55 °C
Dimensions (L x W x H)	105 x 79 x 35 mm
Weight	0.14 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION
L5138120	LED CTRL SX2
L5138122	LED CTRL SX4

LED CTRL TX10



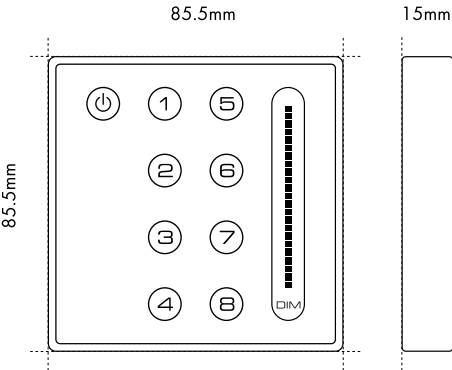
The TX10 LED Touch Trigger has eight independent buttons, allowing you to trigger light effects using DMX, as well as a dimming slider and On/Off button. It is simple and affordable, making it an excellent choice for budget installations where triggering up to 8 effects is all that is needed. The TX10 should be used in conjunction with either an LED CTRL PX or MX device. The PX/MX should be configured to have effects stored on an SD card which can then be triggered from the TX via the AUX port on the PX/MX.

TECHNICAL DATA

Product Type	DMX Trigger Panel
Power range	12-24VDC
Control protocol	DMX
Number of Channels	9
Zones	8 independent zones/effects
Functions	Scene select (8 zones), Dimmer slider, On/Off
IP classification	IP20
Operating temperature range	-30°C to 50°C
Dimensions (L x W x H)	85.5 x 85.5 x 15mm
Weight	0.46 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION
LPLCDX10	LED CTRL TX10 BUTTON DMX TOUCHPAD



LED CTRL DX10



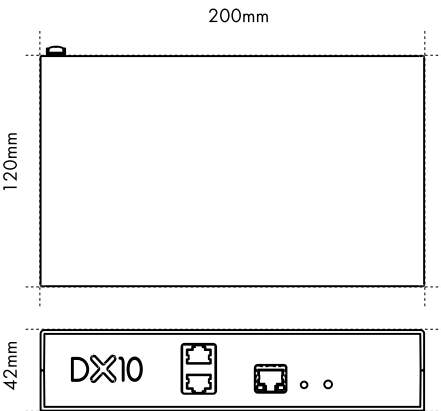
The DX10 by LED CTRL is a compact Ethernet-DMX to DMX/RDM gateway, supporting up to 10 universes of Art-Net, sACN, and ESP eDMX protocols in a 1U half-width rack. With 10 DMX/RDM output ports, two mirrored service ports, and RJ45 outputs, it ensures DMX compliance using cost-effective Cat5e/Cat6 cables. Dual power options (PoE or 12-24VDC) and front LED indicators make installation and monitoring simple, while a local host web interface streamlines configuration and updates. HTP/LTP merging of two Ethernet-DMX sources adds versatility.

TECHNICAL DATA

Product Type	DMX Trigger Panel
Power range	12-24VDC/PoE IEEE802.3AF
Control input	Ethernet RJ45 (E1.31/sACN)/Art-Net, ESP
Output signal	USITT DMX512/1990
Output	10+2 (Duplicated Port 9 and 10) xDMX/RDM Output (RJ45)
Max Output Channels	5,120 (10 Universes)
RDM	Yes
Operating temperature range	-20°C to 50°C
Dimensions (LxWxH)	200 x 120 x 42mm
Weight	0.46 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION
LPLCDX10	LED CTRL DMX CONTROLLER 10 UNIVERSES



LED CTRL CX STANDALONE



SPECIFICATIONS

- **Display:** 10" touchscreen
- **Video Output:** HDMI 2.0a
- **USB Ports:** 2x USB 3.0, 2x USB 2.0
- **Wireless Connectivity:** 802.11b/g/n/ac
- **Power Supply:** 9V–36VDC 2pin 3.5mm screw terminal
- **Mounting Options:** Table or wall mount

The CX Standalone compute unit is an all-in-one compute platform, with an integrated touchscreen monitor. Pre-configured for the specific demands of LED control projects to ensure the seamless running of your installations. The small form factor packs a punch capable of driving up to 64 universes of ArtNet control from LED CTRL. Pre-configured with Debian as the operating system, ensures stability and reliability for continuous running. Additionally, LED CTRL comes installed, configured and ready for action.

TECHNICAL DATA

Power range	9V–36VDC 2pin 3.5 mm screw terminal
Output signal	Art-Net
Output	RJ45
Dimensions (LxWxH)	258 x 172 x 42 mm
Weight	1.2 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION	UNIVERSES / CHANNELS
LPLCCX10EU	LED CTRL CX STANDALONE 10	10 universes (5,120 SPI channels)
LPLCCX24EU	LED CTRL CX STANDALONE 24	24 universes (12,288 SPI channels)
LPLCCX60EU	LED CTRL CX STANDALONE 64	64 universes (32,768 SPI channels)

LED CTRL MINI



The CX LED Mini is an Intel NUC, specifically configured to meet the unique demands of LED control projects, providing seamless and reliable operation for professional installations.

Operating System:

- Debian 11.0 Linux installed

Software:

- LED CTRL software pre-installed
- HASP security installed

Configured for:

- Reboot on power applied
- Weekly scheduled reboots
- Auto-load of last project
- Auto-load of unsaved backups
- Routine OS updates disabled

SPECIFICATIONS

- **Processor:** 8th Gen Intel® Core™ i3-8109U
- **Graphics:** Iris® Plus Graphics 655
- **Memory:** 4GB RAM
- **Storage:** 128GB HDD
- **Connectivity:** HDMI 2.0a, 4x USB 3.1 Gen 2 ports, Bluetooth 5, Thunderbolt 3, MicroSD card reader
- **Power Input:** 110–240VAC

TECHNICAL DATA

Power range	5V/3A power supply
Output Universes	1–128
Output signal	Art-Net
Output	RJ45
Dimensions (LxWxH)	197 x 115 x 44 mm
Weight	0.80 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION
on request	LED CTRL MINI

LED CTRL SOFTWARE LICENCE

LED CTRL is purpose-built to address the entire project lifecycle, from pitching concepts to delivering projects and unleashing creative lighting design. Its features are designed to streamline workflows, making it a valuable tool for professionals at every stage.

During the **Pitch phase**, LED CTRL enables you to engage clients with powerful visualization capabilities. Photos or concept images can be imported, and pixels can be overlaid with complete freedom. Lighting concepts can be demonstrated in real-time or exported as pixel-accurate videos.

Time-saving tools such as auto-assignment of pixels to DMX addresses, easy copy, skew, rotate, and scale functions, and integrated Direct FX for creating effects without the need for custom media make concept development efficient and intuitive.

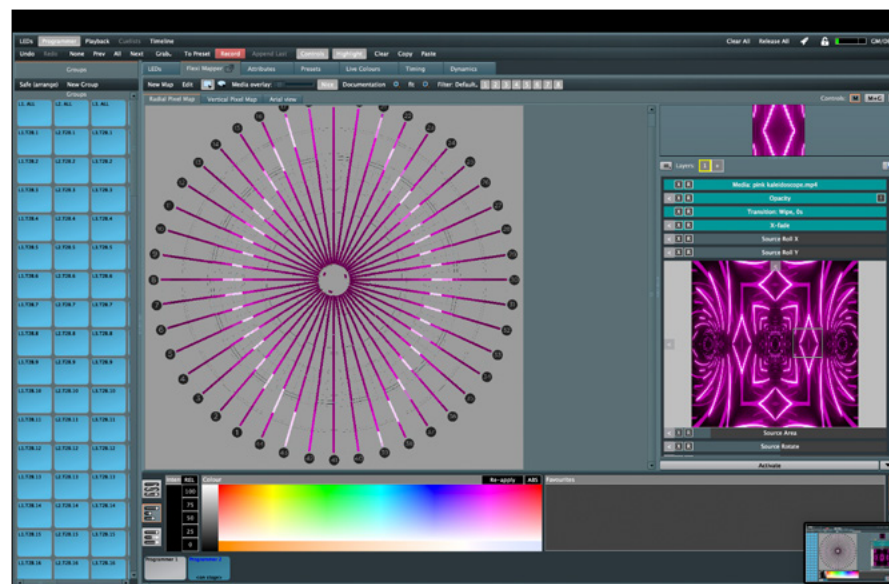
In the **Deliver phase**, LED CTRL provides a range of features designed to save technicians valuable time. These include CSV patch import/export, real-world size scaling, curved pixel maps, and automatic hardware detection and configuration. Comprehensive documentation, such as hardware configurations, cable length guidance, and annotation tools, can be generated effortlessly.

The simple playback function allows clients to take control from a PC or CX platform, while password protection prevents accidental changes.

The **Create phase** unleashes your creative potential with intuitive, powerful programming tools. Users can develop stunning lighting effects with flexible workflows.

Traditional cues and cue lists allow precise coordination of sequences, while time and date scheduling enables full architectural lighting programming. LED CTRL bridges the gap between creative ideas and technical execution, offering a variety of programming methods and workflows to simplify even the most complex projects.





SPECIFICATIONS

Control Capabilities: Up to 256 universes of direct control; up to 1,024 universes of pixel mapping on a single CX compute platform

Software Access: Free demo version available for pitching and offline work, License key required for live output

Outputs: ArtNet, sACN, DMX512 (via converter), project documentation

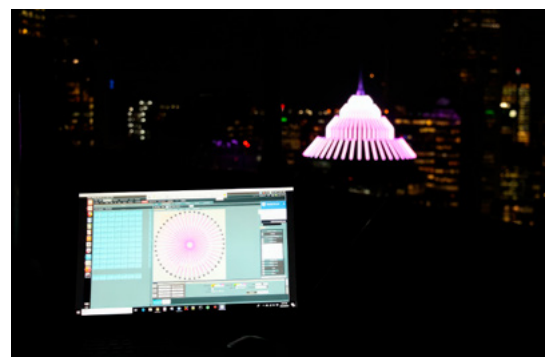
Inputs: Timecode, UDP triggers, OSC, NDI

Operating Systems: Available for Ubuntu 18.04, Windows 10, and macOS

Recommended Hardware:
LED CTRL hardware for CX compute and DMX/SPI signal management for optimal software/hardware integration

Device Compatibility: Fully compatible with other standard ArtNet/sACN devices

Remote Control: Remote operability via TeamViewer or AnyDesk



- **Direct Control:** Precisely manage and control your pixels for ultimate accuracy and flexibility.
- **Direct FX:** Quickly generate a wide range of lighting effects or create custom effects using the in-built FX engine.
- **Media Generator:** Create and manipulate animated media effortlessly, without the need for external programs.
- **Pixel Mapping:** Map movies, GIFs, and images directly onto your pixel map with ease.

PRODUCT TYPES

ORDER CODE	DESCRIPTION	UNIVERSES / CHANNELS
LPLCLC10	LED CTRL Software Licence	10 universes (5,120 SPI channels)
LPLCLC64	LED CTRL Software Licence	64 universes (32,768 SPI channels)
LPLCLC256	LED CTRL Software Licence	256 universes (131,072 SPI channels)

DIGIDOT C1 LIVE



TECHNICAL DATA

Power range	5-48 VDC
Control input	Art-Net, sACN, DMX512
Output signal	Art-Net, DMX512, DMX TTL, RDM, SPI, UDP, OSC
Output	screw terminals One (Two pins for DMX, PxlNet and Data(+Clock)
Operating temperature range	0 °C to +50 °C
Dimensions (L x W x H)	95 x 45 x 25 mm
Weight	0.074 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION	UNIVERSES / CHANNELS
L51360CL4	DiGidot C1 Live 4	1 universe (512 SPI channels) or 512 DMX channels

DIGIDOT C1 EXTENDED



TECHNICAL DATA

Power range	5-48 VDC
Control input	Art-Net, sACN, DMX512
Output signal	Art-Net, DMX512, DMX TTL, RDM, SPI, UDP, OSC
Output	screw terminals One (Two pins for DMX, PxlNet and Data(+Clock)
Operating temperature range	0 °C to +50 °C
Dimensions (LxWxH)	95 x 45 x 25 mm
Weight	0.074 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION	UNIVERSES / CHANNELS
L5136101	DiGidot C1 Extended 1	1 universe (512 SPI channels) or 512 DMX channels

DIGIDOT C4 LIVE



TECHNICAL DATA

Power range	5–24 VDC
Control input	Art-Net 1,2,3 & 4 / DMX512 (2 inputs)
Output signal	Art-Net 1,2,3 & 4 (out/through) / DMX512 (2 outputs) / DMX TTL (4 outputs) / 59+ SPI protocols (check supported IC's list)
Output	Screw terminals
Max. Power consumption	5 watt
Operating temperature range	0 °C to +50 °C
Dimensions (L x W x H)	153 x 74 x 28 mm
Weight	0.14 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION	UNIVERSES / CHANNELS
L5136008	DiGidot C4 Live 8	8 universes (4,096 SPI channels) or 1,024 DMX channels
L5136012	DiGidot C4 Live 12	12 universes (6,144 SPI channels) or 1,024 DMX channels
L5136016	DiGidot C4 Live 16	16 universes (8,192 SPI channels) or 1,024 DMX channels
L5136024	DiGidot C4 Live 24	24 universes (12,288 SPI channels) or 1,024 DMX channels

An upgrade to a higher number of universes/channels can take place later via the webshop of digidot.eu.

DIGIDOT C4 EXTENDED



TECHNICAL DATA

Power range	5–24 VDC
Control input	Art-Net 1,2,3 & 4 / DMX512 (2 inputs)
Output signal	Art-Net 1,2,3 & 4 (out/through) / DMX512 (2 outputs) / DMX TTL (4 outputs) / 59+ SPI protocols (check supported IC's list)
Output	Screw terminals
Max. Power consumption	5 watt
Operating temperature range	0 °C to +50 °C
Dimensions (L x W x H)	153 x 74 x 28 mm
Weight	0.14 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION	UNIVERSES / CHANNELS
L5136102	DiGidot C4 Extended 2	2 universes (1,024 SPI channels) or 1,024 DMX channels
L5136104	DiGidot C4 Extended 4	4 universes (2,048 SPI channels) or 1,024 DMX channels
L5136108	DiGidot C4 Extended 8	8 universes (4,096 SPI channels) or 1,024 DMX channels
L5136112	DiGidot C4 Extended 12	12 universes (6,144 SPI channels) or 1,024 DMX channels

An upgrade to a higher number of universes/channels can take place later via the webshop of digidot.eu.

DIGIDOT PXLNET TRANSMITTER/TRANSCEIVER



DIGIDOT PXLNET TRANSMITTER

Power range	5–24 VDC
Outputs	4 (4x RJ45 – Ethernet)
Operating temperature range	0 °C to +50 °C
Dimensions (L x W x H)	65 x 65 x 20 mm
Weight	0.07 kg

DIGIDOT PXLNET TRANSCEIVER MODULE

Power range	5–48 VDC (via soldering pads)
Control input	1 (RJ45 – Ethernet)
Output signal	SPI signal (via soldering pats)
Operating temperature range	0 °C to +50 °C
Dimensions (L x W x H)	45 x 15 x 13 mm
Weight	0.01 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION
L5136200	DiGidot PxLNet transceiver set 5-24 V (DiGidot PxLNet transmitter + 4x DiGidot PxLNet transceiver module)
L5136201	DiGidot PxLNet transmitter

Required accessories:



L5136202	DiGidot PxLNet transceiver module RJ45 version
L5136203	DiGidot PxLNet transceiver module screw terminal version
L5136204	DiGidot PxLNet transceiver module soldering pads version

An upgrade to a higher number of universes/channels can take place later via the webshop of digidot.eu.

DIGIDOT PXLNET NODE



TECHNICAL DATA

Power range	100–250 VAC
Control input	Art-Net (RJ45 – Ethernet)
Output signal	SPI or DMX
Output	16x RJ45 Transceivers need to be ordered separately.
Operating temperature range	0 °C to +50 °C
Dimensions (L x W x H)	441 x 300 x 43 mm
Weight	2.45 kg

PRODUCT TYPES

ORDER CODE	DESCRIPTION	UNIVERSES / CHANNELS
L5136210	DiGidot PxlNet node U48	48 universes (20,576 SPI channels or 8,192 DMX channels)
L5136212	DiGidot PxlNet node U96	96 universes (49,152 SPI channels or 8,192 DMX channels)

Required accessories:



L5136202	DiGidot PxlNet transceiver module RJ45 version
L5136203	DiGidot PxlNet transceiver module screw terminal version
L5136204	DiGidot PxlNet transceiver module soldering pads version

An upgrade to a higher number of universes/channels can take place later via the webshop of digidot.eu.

SUPPORTING YOU EVERY STEP OF THE WAY

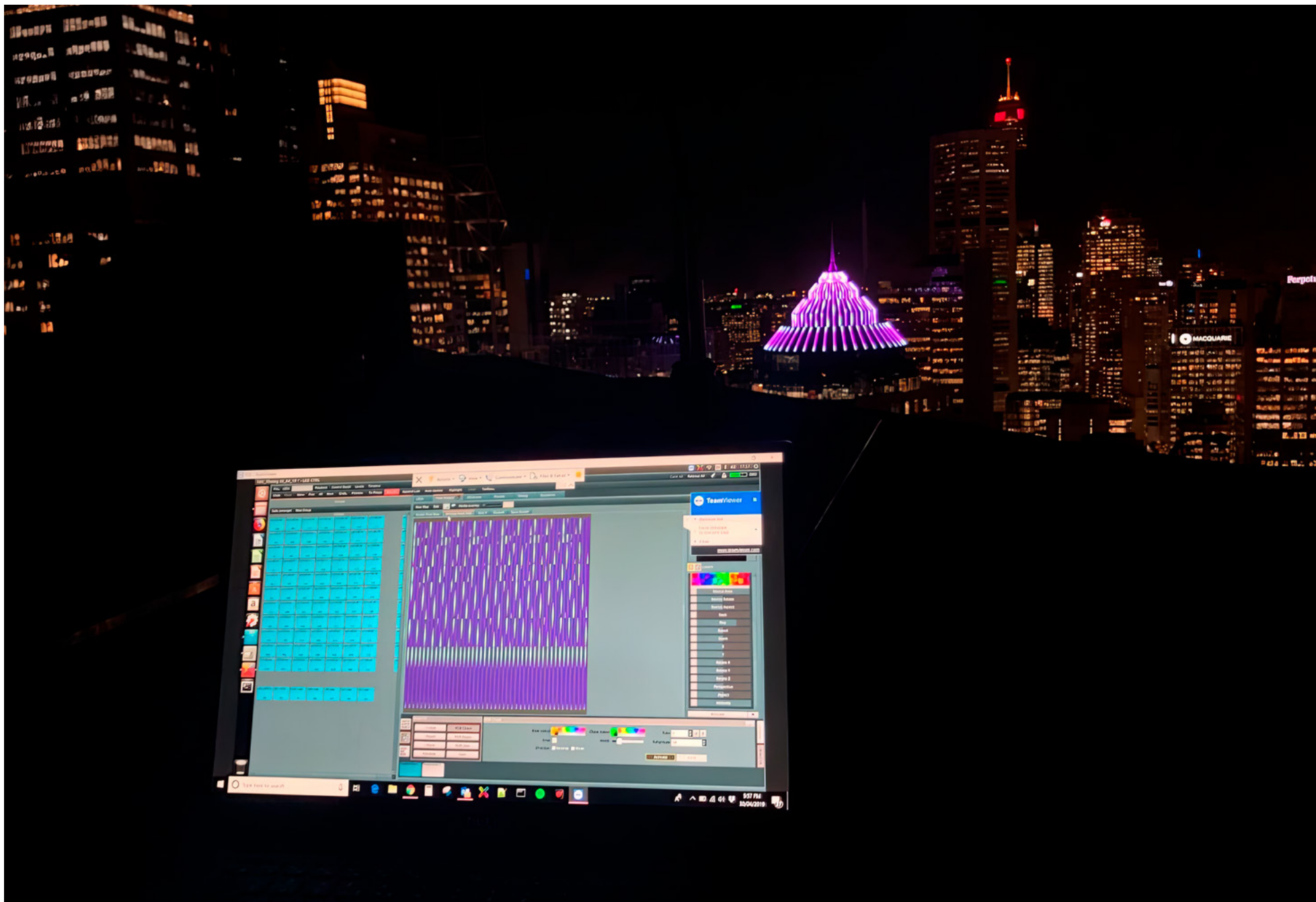
Programming: Our programming experts ensure that your DIGITAL PIXEL systems are perfectly aligned with your vision. From initial setup to customisation, we provide precise programming for flawless effects, sequences and animations.

Customisation: Tailored solutions include custom LED strips, modules and control systems to meet your project's requirements, offering flexibility and seamless integration.

After sales services: We offer reprogramming, maintenance and technical support to keep your installations running smoothly. Training courses enable your team to maximise the potential of your DIGITAL PIXEL systems.

Bespoke solutions: No project is too unique for PROLED. From customised aluminium profiles and plastic covers to FLEX STRIPS with custom lengths and plug-and-play units, we deliver bespoke solutions that perfectly match your creative vision. Contact our team for a personalised quote.

For more information about our services visit proled.com



CRAFTING EXCELLENCE IN LED LIGHTING



○ Photometry laboratory

At PROLED we believe that exceptional lighting starts with exceptional technology, which is why we invest in our state-of-the-art photometric laboratory. Here we rigorously test and evaluate each product to the highest standards, measuring parameters such as power consumption, luminous flux, spectrum, colour temperature, colour rendering, flicker-free operation and glare to ensure impeccable performance and reliability.



○ Configurations

PROLED tailors solutions to your exact requirements. From custom lengths of FLEX STRIPS, TUBES and OPAL to precisely cut and finished aluminium profiles, we ensure that each product integrates seamlessly into your project. With plug and play options, soldered cables and IP67 sealed components, we deliver convenience, durability and professional results that bring your vision to life.



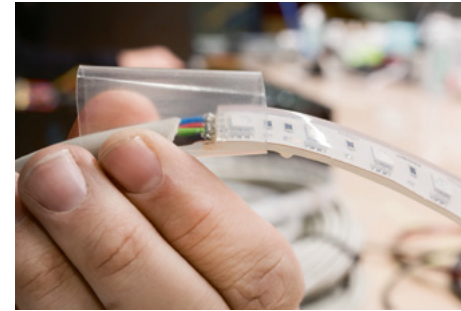
● IP tests and quality assurance

We ensure that all outdoor and under-water products are rigorously tested for their intended environments. Standardised leak and stress tests verify IP ratings and durability to ensure reliable performance. For in-ground installations, we assess point and distributed load capacities to ensure long-term safety and functionality.



● Photometric configurator

Our photometric configurator provides reliable data for your lighting calculations. Whether you're working with LED strips, profiles, reflectors, sliding bases or covers, the configurator ensures accurate planning and execution across all combinations and lengths.



● Everything from a single source

PROLED offers complete services under one roof, from R&D to manufacturing and support. Centrally managed from our head office, this approach ensures fast delivery, efficient communication and consistent high quality. Most products come with a 5 year warranty, giving you peace of mind and long-term reliability.

GET IN TOUCH WITH US

Contact us to discover how Pixel LED solutions can elevate your work. Whether you need consultation, have questions, or require support, don't hesitate to reach out to your nearest office.

GERMANY

MBN GmbH
Balthasar-Schaller-Str. 3
86316 Friedberg
Germany

proled.com

AUSTRIA

PROLED AUSTRIA Vertriebs GmbH
Edisonstr. 2
4600 Wels
Austria

proled.at

BELUX

UNI-BRIGHT nv
Belcrownlaan 13 Q
2100 Antwerpen
Belgium

unibright.be

FRANCE

PROLED France
27, Boulevard Victor Hugo
31770 Colomiers
France

proled.fr

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