

traxon

TRAXON CREATIVE LED LIGHTING SOLUTIONS

## ABOUT TRAXON

Traxon Technologies is a global leader in LED lighting systems, offering sophisticated RGB, White and Dynamic White Light solutions for the architectural and entertainment industries. Combining state-of-the-art technology with award winning designs, Traxon develops innovative and sustainable lighting devices for a demanding clientele. From simple Plug 'n' Play products to comprehensive lighting systems, Traxon offers scalable LED applications and fully integrated control solutions. Understanding customers and end users Traxon is a solution-based company with the proven expertise to develop, manufacture and customize solid-state lighting systems.



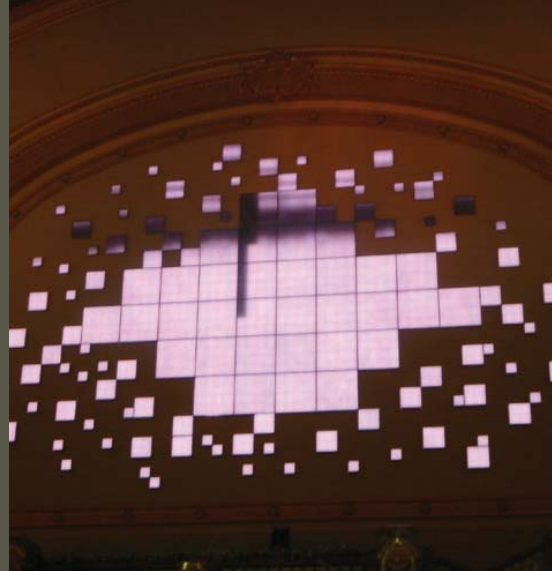
## VISION, MISSION, VALUES



TRAXON REFERENCES



Traxon Technologies Ltd.  
Hotel Lisboa Macau  
Macau, China



Traxon Technologies Europe BV  
Antwerp City Hall  
Antwerp, Belgium



Traxon Technologies Germany GmbH  
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Traxon Technologies UK Ltd.  
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## TRAXON REFERENCES



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Paris, France



Traxon USA Inc.  
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Traxon Japan Co. Ltd.  
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Tokyo, Japan

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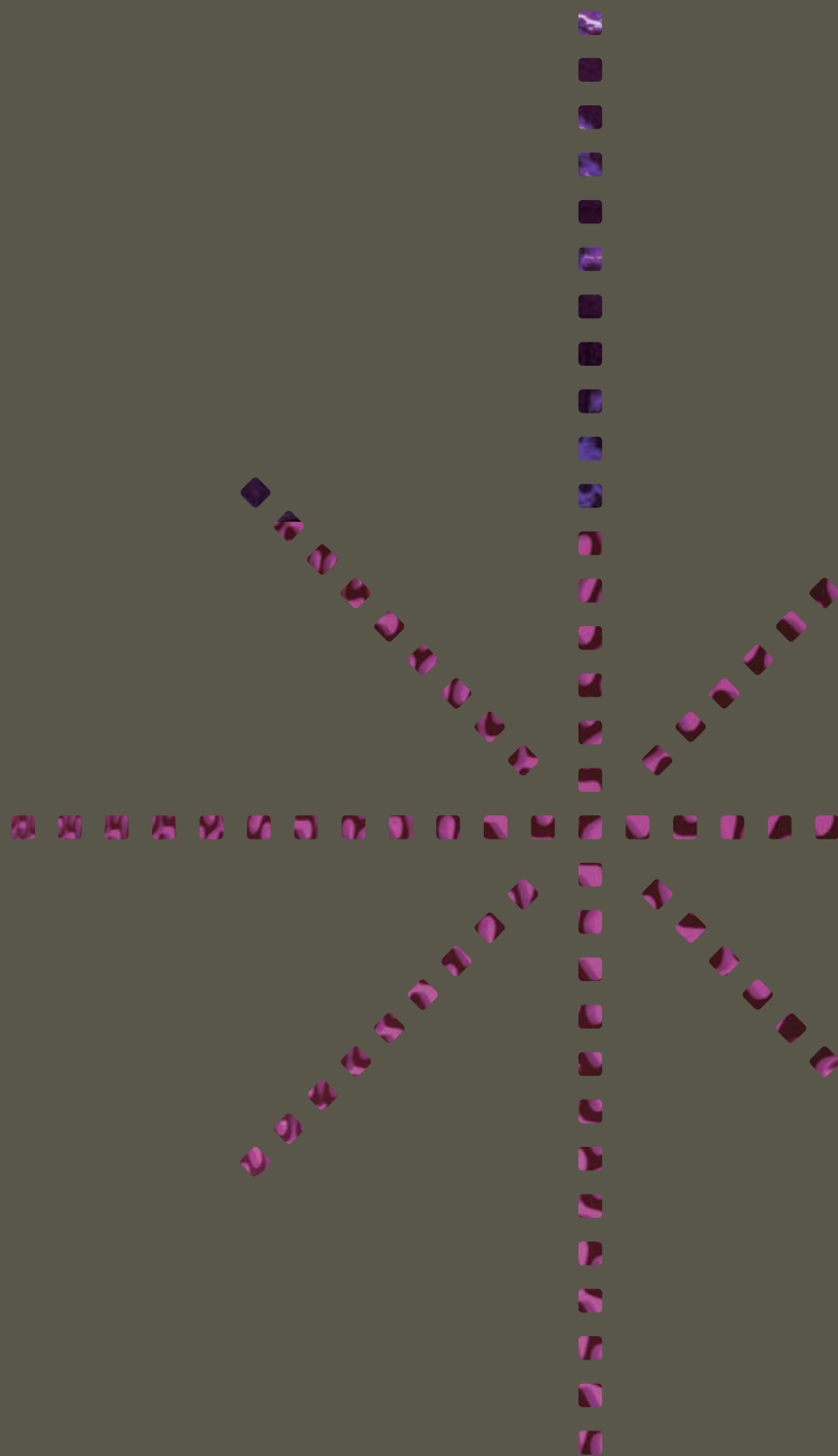
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traxon

TRAXON LED XB LUMINAIRES



## TRAXON LED XB LUMINAIRES

The XB Luminaires line compliments Traxon's range of Professional LED lighting systems with a selection of high-power fixtures for indoor and outdoor use. The high brightness line exclusively uses high intensity 1W and K2 Luxeon® LEDs for a consistent high power light output across the entire range.

The fully RoHS compliant luminaires are customizable in all of their elements: 5 choices of beam angle with high precision optics; clear acrylic and glass cover lenses; any combination of LED color; extrusion size; LED type; indoor or outdoor rating.

The sophisticated design of the high brightness luminaires with high grade aluminum extrusion and integrated heat sensors (Wall Washer range) guarantees optimal thermal management when using high-power LEDs. Consolidating all other electrical control elements in the integrated power/data LED Engine XB, reduces the maintenance cost to the fixtures, allowing them to be positioned in remote and encased locations.

For a complete overview of Traxon's solutions portfolio, please consult the product catalogues on PANELS, MODULES & BOARDS, XB LUMINAIRES, MESH & DOTS and WHITE LINE products as well as Traxon's lighting control system TX CONTROL or visit [www.traxontechnologies.com](http://www.traxontechnologies.com).

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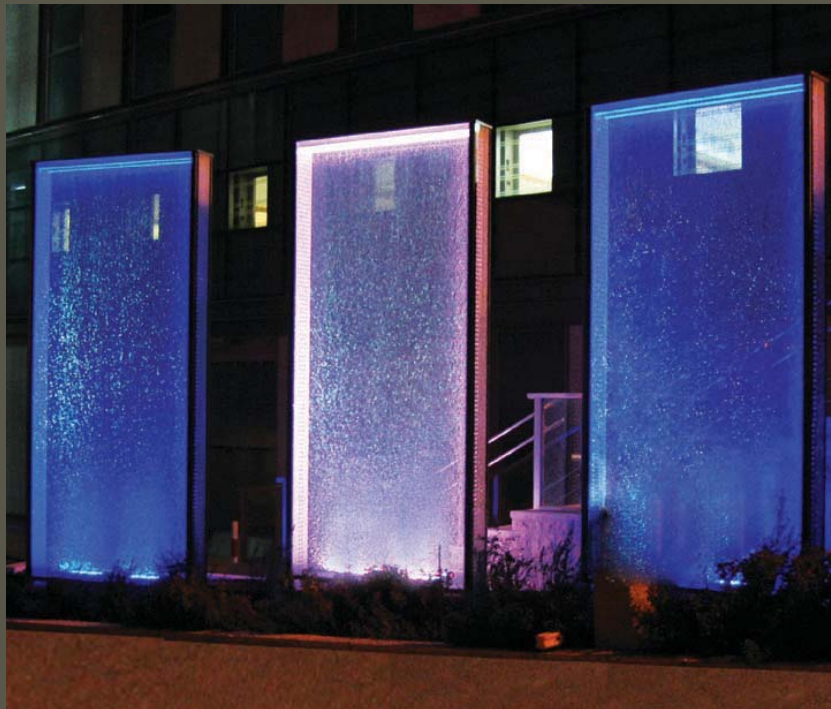
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WALL WASHER XB-18







# WALL WASHER XB-18

## Indoor

Wall Washer XB-18 1W Indoor  
RGB 6° Clear **XB.WD.1111100**

## Outdoor

Wall Washer XB-18 1W Outdoor  
RGB 6° Clear **XB.WD.1211100**

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\* For further combination options, please use the model number generator on our website [www.traxontechnologies.com](http://www.traxontechnologies.com) or contact your local Traxon Partner.



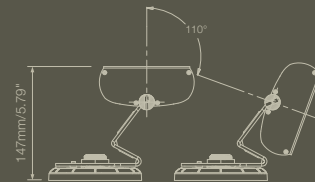
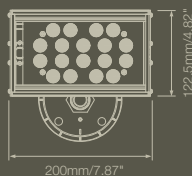
Wall Washer XB-18 is a stylish, compact high-power LED fixture that generates high brightness single color or color changing light for a rich wall-washing effect. The Wall Washer XB series is rated for both indoor and outdoor use, and is equipped with an extruded natural anodized aluminum finish, which acts as an efficient heat sink for the 1W and K2 Luxeon® LEDs. With a wide range of available optics and beam angles, the densely packed high brightness LEDs can be used for highly focused and concentrated light output as well as for a long and wide light spread over increased distances.

A heat sensor within the LED casing provides additional safety by a thermal management system, which will automatically reduce the light output gradually should the optimal working temperature be exceeded - once the operational temperature range is reached, the Wall Washer XB will automatically return to maximum light output.

For optimal customization, the LEDs can be connected in any desired combination: RGB, monochrome or any other specified LED combination.

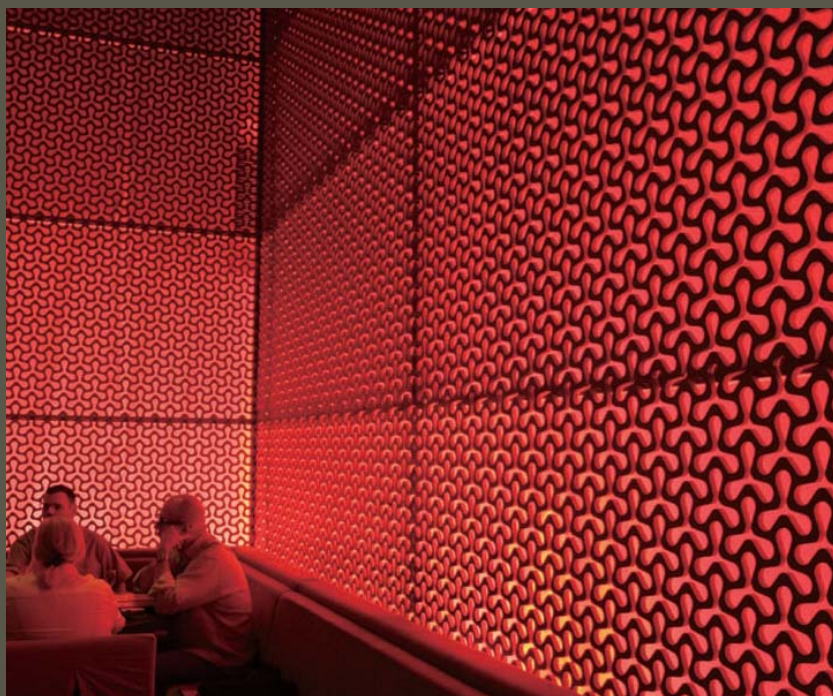
### TECHNICAL SPECIFICATION OPTIONS

FEATURES	Compact high-power Wall Washer, High-precision optics, Adjustable lamp and base mount, High-grade aluminum extrusion, Thermal Management, TX Connect™ XB	
BEAM ANGLE		
COLOR		
LENS		
ENVIRONMENT	INDOOR          IP65          IP66          IP67          IP68	
LED TYPE	1W Luxeon®, K2 Luxeon®	
CONTROL	DMX512, Standalone, Master / Slave via LED Engine XB-SD	
WEIGHT	1.73kg / 3.8lbs	
DIMENSIONS	(L x W x H) 200mm x 122.5mm x 147mm, 7.87" x 4.82" x 5.79"	





WALL WASHER XB-36





## WALL WASHER XB-36

### Indoor

Wall Washer XB-36 1W Indoor  
RGB 6° Clear **XB.WE.1111100**

### Outdoor

Wall Washer XB-36 1W Outdoor  
RGB 6° Clear **XB.WE.1211100**






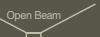














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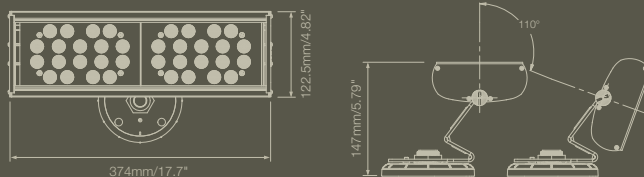
\* For further combination options, please use the model number generator on our website [www.traxontechnologies.com](http://www.traxontechnologies.com) or contact your local Traxon Partner.

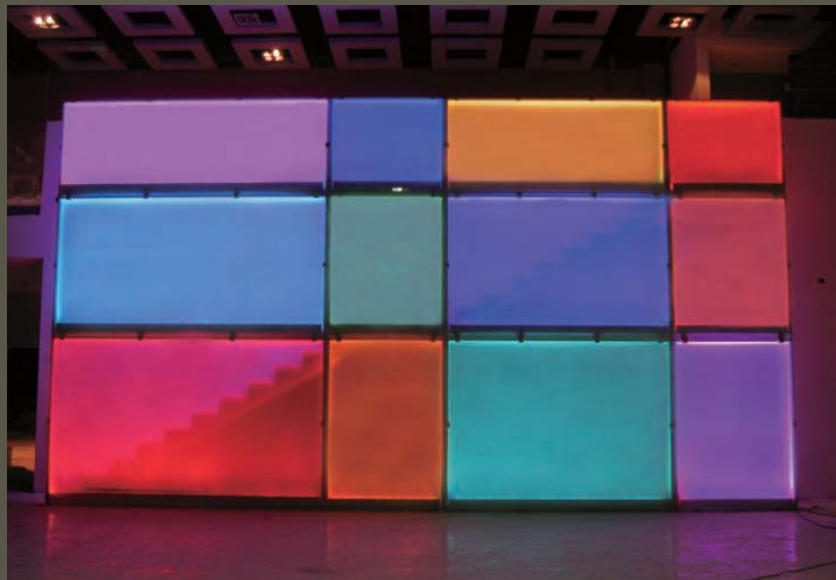


Wall Washer XB-36 is a stylish high-power LED fixture that generates high brightness single color or color changing light for a rich wall-washing effect. The Wall Washer XB series is rated for both indoor and outdoor use, and is equipped with an extruded natural anodized aluminum finish, which acts as an efficient heat sink for the 1W and K2 Luxeon® LEDs. With a wide range of available optics and beam angles, the densely packed high brightness LEDs can be used for highly focused and concentrated light output as well as for a long and wide light spread over increased distances. A heat sensor within the LED casing provides additional safety by a thermal management system, which will automatically reduce the light output gradually should the optimal working temperature be exceeded - once the operational temperature range is reached, the Wall Washer XB will automatically return to maximum light output. For optimal customization, the LEDs can be connected in any desired combination: RGB, monochrome or any other specified LED combination.

### TECHNICAL SPECIFICATION OPTIONS

FEATURES	High-power Wall Washer, High-precision optics, Adjustable lamp and base mount, High-grade aluminum extrusion, Thermal management, TX Connect™ XB	
BEAM ANGLE	    	
COLOR	       	
LENS	 Clear Glass (UV-Casting)	
ENVIRONMENT	 INDOOR  IP65  IP66  IP67  IP68	
LED TYPE	1W Luxeon®, K2 Luxeon®	
CONTROL	DMX512, Standalone, Master / Slave via LED Engine XB-SD	
WEIGHT	2.9kg / 6.41lbs	
DIMENSIONS	(L x W x H) 374mm x 122.5mm x 147mm, 17.7" x 4.82" x 5.79"	





**LINER XB**

**Indoor**

Liner XB-9 1W Indoor  
 RGB 25° x 6 Clear **XB.LF.1114100**

Liner XB-18 1W Indoor  
 RGB 25° x 6 Clear **XB.LG.1114100**

Liner XB-27 1W Indoor  
 RGB 25° x 6 Clear **XB.LH.1114100**

Liner XB-36 1W Indoor  
 RGB 25° x 6 Clear **XB.LI.1114100**

**Outdoor**

Liner XB-9 1W Outdoor  
 RGB 25° x 6 Clear **XB.LI.1214100**

Liner XB-18 1W Outdoor  
 RGB 25° x 6 Clear **XB.LG.1214100**

Liner XB-27 1W Outdoor  
 RGB 25° x 6 Clear **XB.LH.1214100**

\*

\* For further combination options, please use the model number generator on our website [www.traxontechnologies.com](http://www.traxontechnologies.com) or contact your local Traxon Partner.



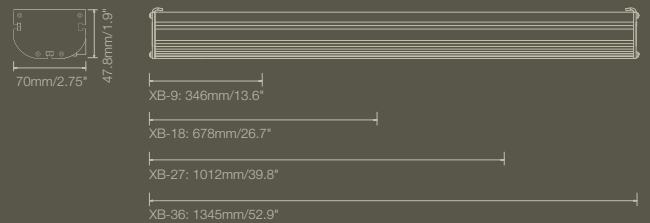
The Liner XB series consists of high output linear fixtures equipped with either 1W or K2 Luxeon® LEDs, dedicated to project an intense even light spread to brightly color wash any flat surface with ease. The lighting fixtures are free of any electronic devices within their casing, resulting in better and more reliable performance.

A wide range of optics and covers enables innumerable application options ranging from floodlighting high ceiling covers to illuminating display light boxes. Liner XB is rated both for indoor and outdoor use.

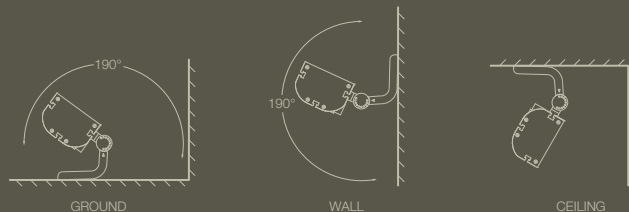
For optimal customization, the LEDs can be connected in any desired combination: RGB, monochrome or any other specified LED combination.

**TECHNICAL SPECIFICATION OPTIONS**

FEATURES	Linear high-power fixture, High-precision optics, Wide angle option, High-grade aluminum extrusion, TX Connect™ XB	
BEAM ANGLE		
COLOR		
LENS		
ENVIRONMENT		
LED TYPE	1W Luxeon®, K2 Luxeon®	
CONTROL	DMX512, Standalone, Master / Slave via LED Engine XB-SD	
WEIGHT	XB-9: 1kg / 2.2lbs, XB-18: 2kg / 4.4lbs, XB-27: 3kg / 6.6lbs, XB-36: 4kg / 8.8lbs	
DIMENSIONS	(W x H x L) 70mm x 47.8mm x XB-9: 346mm, XB-18: 678mm, XB-27: 1012mm, XB-36: 1345mm (W x H x L) 2.75" x 1.9" x XB-9: 13.6", XB-18: 26.7", XB-27: 39.8", XB-36: 52.9"	



**OPTIONAL MOUNTING BRACKET (XB.AC.0000500)**





**NANO LINER XB**

Indoor

Nano Liner XB-9 1W Indoor  
 RGB 25° x 6 Clear **XB.NF.1114100**

Nano Liner XB-18 1W Indoor  
 RGB 25° x 6 Clear **XB.NG.1114100**

Nano Liner XB-27 1W Indoor  
 RGB 25° x 6 Clear **XB.NH.1114100**

Nano Liner XB-36 1W Indoor  
 RGB 25° x 6 Clear **XB.NI.1114100**

★

★ For further combination options, please use the model number generator on our website [www.traxontechnologies.com](http://www.traxontechnologies.com) or contact your local Traxon Partner.



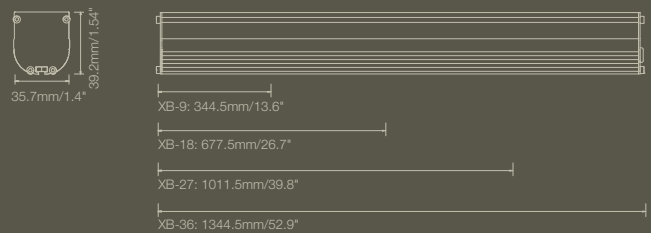
The Nano Liner XB series is a slim-profile high-power linear fixture range equipped with 1W or K2 Luxeon® LEDs. Owing to its miniaturized housing, it is ideal for space restricting installations requiring the projection of an intense and even light output on walls or any other flat surface. The sleek design and housing of the Nano Liner XB enables discreet installation in any kind of setting. The pure lighting fixtures are free of any electronic devices within their casing resulting in better and more reliable performance.

A wide range of optics enables near infinite application options for the Nano Liner XB.

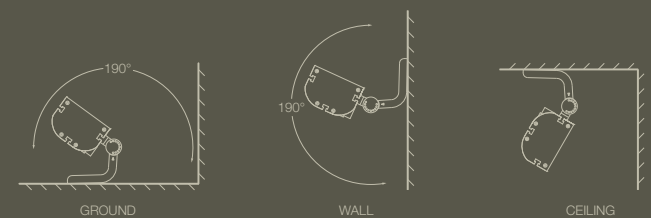
For optimal customization, the LEDs can be connected in any desired combination: RGB, monochrome or any other specified LED combination.

TECHNICAL SPECIFICATION OPTIONS

FEATURES	Ultra slim high-power fixture, High-precision optics, Wide angle option, TX Connect™ XB	
BEAM ANGLE		
COLOR		
LENS	 Clear (UV-Casting)	
ENVIRONMENT	INDOOR                  IP65                  IP66                  IP67                  IP68	
LED TYPE	1W Luxeon®, K2 Luxeon®	
CONTROL	DMX512, Standalone, Master / Slave via LED Engine XB-SD	
WEIGHT	XB-9: 0.5kg / 1.1lbs, XB-18: 1kg / 2.2lbs, XB-27: 1.5kg / 3.3lbs, XB-36: 2kg / 4.4lbs	
DIMENSIONS	(W x H x L) 35.7mm x 39.2mm x XB-9: 344.5mm, XB-18: 677.5mm, XB-27: 1011.5mm, XB-36: 1334.5mm (W x H x L) 1.4" x 1.54" x XB-9: 13.6", XB-18: 26.7", XB-27: 39.8", XB-36: 52.9"	



OPTIONAL MOUNTING BRACKET (XB.AC.0000500)









Indoor

Spot XB-3 1W Indoor  
 RGB 25° **XB.SC.1113000**

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\* For further combination options, please use the model number generator on our website [www.traxontechnologies.com](http://www.traxontechnologies.com) or contact your local Traxon Partner.

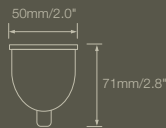


Traxon's Spot XB, designed to fit into standard MR 16 housings, offers a prime alternative for conventional down-lighting applications. The Spot XB is a high-power LED fixture fitted with 1W or K2 Luxeon® LEDs. The Spot XB is made of an extruded aluminum profile with natural anodized coating, which acts as an efficient heat sink.












A selection of optics enables the Spot XB to be used in various accent, niche, spot or focused wall washing applications. The Spot XB is controlled by an easy to use Plug 'n' Play LED Engine XB or LED Engine XB Mini. For optimal customization, the LEDs can be connected in any desired combination: RGB, monochrome or any other specified LED combination.

#### TECHNICAL SPECIFICATION OPTIONS









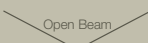
FEATURES	High-power spot light, High-precision optics, Standard MR16 size, High-grade aluminum extrusion, TX Connect™ XB
BEAM ANGLE	
COLOR	
LENS	N/A
ENVIRONMENT	INDOOR          IP65          IP66          IP67          IP68
LED TYPE	1W Luxeon®, K2 Luxeon®
CONTROL	DMX512, Standalone, Master / Slave via LED Engine XB-SD / LED Engine XB Mini
WEIGHT	0.1kg / 0.22lbs
DIMENSIONS	(D x H) 50mm x 71mm, 2.0" x 2.8"





## TECHNICAL SPECIFICATION OPTIONS

XB LUMINAIRES		BEAM ANGLE					LED COLOR			
MODEL		6°	15°	25°	25°x6	Open Beam	RGB	RED	GREEN	BLUE
 Wall Washer XB-18		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 Wall Washer XB-36		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 Liner XB-9		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 Liner XB-27		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 Liner XB-36		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 Nano Liner XB-27		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 Nano Liner XB-36		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 Spot XB-3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### BEAM ANGLE LIGHT OUTPUT SUGGESTED USE

		The narrow spot is ideal for illuminating columns, highlighting architectural features and other accent lighting.
		This medium beam is used for general lighting purposes on individual architectural elements or on the Spot XB as a powerful down-light alternative.
		This medium beam is used for most lighting purposes on ceilings, floors and soft accent lighting using the Wall Washer XB series. NB: Using a 6° optic with a frosted lens yields a smoothed light beam with a comparable beam angle 22°.
		The oval beam is ideal for a clean and focussed wide angle wall wash effect with narrow depth-spread across an extended distance using the Liner XB and Nano Liner XB series.
		This open beam option guarantees an even light spread with maximum coverage and intensity. This option is available for the Wall Washer XB, Liner XB and Nano Liner XB series.

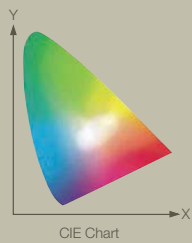
### LENS

 Clear (UV Casting)	This clear acrylic cover with UV-Cast protection guarantees a strong light output with maximum precision and light beam focus.
 Clear Glass (UV Casting)	This special treated tempered glass cover with UV-cast protection guarantees a strong light output with maximum precision and light beam focus.

LED COLOR				LENS		ENVIRONMENT		LED TYPE		
AMBER*	COLD WHITE*	WARM WHITE*	Dynamic White*	Clear (UV Casting)	Clear Glass (UV Casting)	INDOOR	IP65	1W Luxeon®	K2 Luxeon®	
									350mA	700mA
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	N/A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	N/A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	N/A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	N/A	N/A	<input type="radio"/>	N/A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* (Not Available for 1W LEDs)

#### LED COLOR



By combination of different intensities of the three primary additive colors Red, Green and Blue (RGB), a myriad of color gradations become available, cf. the CIE chart. The LED Color wavelengths for the TRAXON XB Luminaires are as follows:

- RGB ----- 460-645nm
- Red ----- 633nm ( ± 12nm)
- Green ---- 530nm ( ± 20nm)
- Blue ----- 475nm ( ± 15nm)
- Amber --- 591nm ( ± 6nm)

The white line of TRAXON XB Luminaires appears in the following color temperatures:

- Cold White --- 6700 K
- Warm White -- 3400 K

TRAXON Dynamic White is a powerful DMX-controlled White variant with the following temperature range:

- Dynamic White -- 3400 K - 6700 K

#### LED TYPE

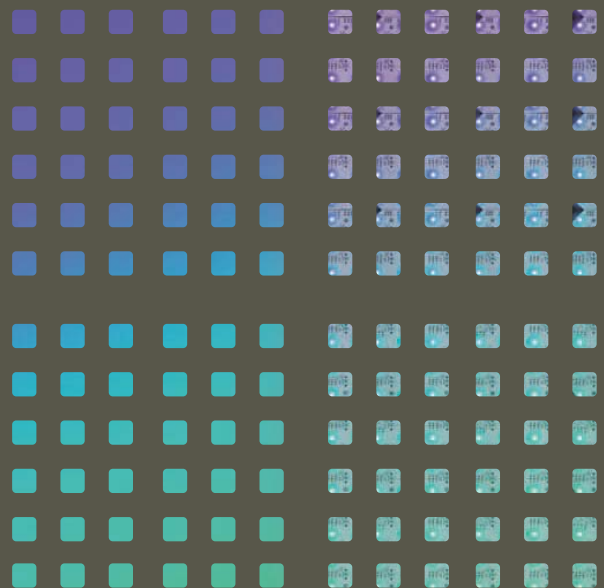


Luxeon® LEDs are energy efficient high-power Light Emitting Diodes. Combining consistent performance with outstanding reliability, these compact light sources emit unrivalled brightness.

Traxon is a certified Future Electronic's Luxeon Solutions Partner and member of the Luxeon Lighting Network.



## TRAXON LED **MODULES & BOARDS**



## TRAXON LED MODULES & BOARDS

Traxon's RGB Modules & Boards range is comprised of innovative lighting elements with a multitude of application areas. Their user-friendly design sets these illuminants at the forefront of LED lighting technology, permitting an easy installation in almost any imaginable location. Installed behind semi-translucent glass or malleable fabrics the Modules and Boards spread their light evenly across all kinds of surfaces, giving their surroundings an intense and programmable lighting effect.

With their compact size, which allows for the realization of various geometric shapes, the Modules & Boards line is ideal for a wide range of lighting applications including Display & Signage as well as unique and eye-catching visuals.

The Traxon Modules & Boards line (Module RGB, Board RGB, Cove Light RGB, Strip RGB) is equipped with powerful SMART CHIP™ Technology, ensuring smooth linear dimming curves owing to sophisticated gamma correction, as well as the control of multiple 250Kbit speed and 14bit resolution outputs via DMX. An optional auto-addressing function allows for quick and easy setup of even the largest installations.

For a complete overview of Traxon's solutions portfolio, please consult the product catalogues on PANELS, MODULES & BOARDS, XB LUMINAIRES, MESH & DOTS and WHITE LINE products as well as Traxon's lighting control system TX CONTROL or visit [www.traxontechnologies.com](http://www.traxontechnologies.com).

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16PXL MODULE RGB





## 16PXL MODULE RGB

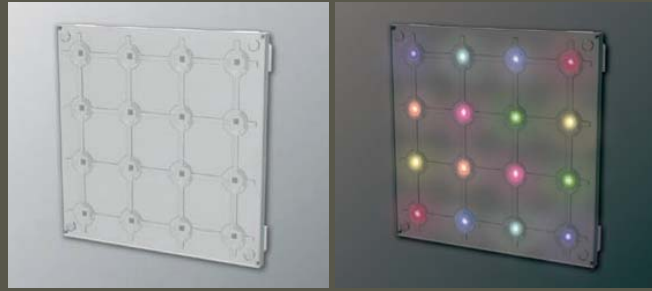
16PXL Module RGB (16 SMD)

**MB.MO.7110000**

### Accessories

#### Quick Clip Mounting System

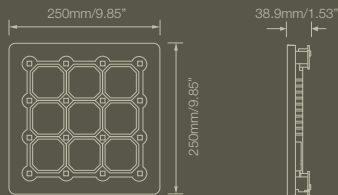
- Pre-cluster Modules before mounting
- Mount large surfaces of Modules within minutes
- Ensure perfect LED pitch and alignment
- Easy mounting and dismounting of installations



The 16PXL Module is a multifunctional LED lighting module with 16 individually controllable pixels for medium resolution video and graphic replay. Designed as a direct view lighting module, the 16PXL Module is equipped with a quality plastic cover to protect the surface-mounted LEDs and gives the option of design inlays into the Module. With the Quick Clip mounting system, the Module is easily installed within minutes. The Quick Clip system enables easy re-arrangement of the Modules, making it ideal for both permanent and temporary installations. In front view or diffused applications, the 16PXL Module creates mesmerizing effects owing to a sophisticated lighting control system.

### TECHNICAL SPECIFICATION OPTIONS

FEATURES	LED module with housing, 16 individually controllable pixels, Quick Clip mounting, Smart Chip™, Auto-addressing, TX Connect™ Smart	
BEAM ANGLE		
ENVIRONMENT		
CONTROL	DMX512	
WEIGHT	0.73kg / 1.6lbs	
DIMENSIONS	(L x W x H) 250mm x 250mm x 38.9mm, 9.85" x 9.85" x 1.53"	





1PXL MODULE RGB







## 1PXL MODULE RGB

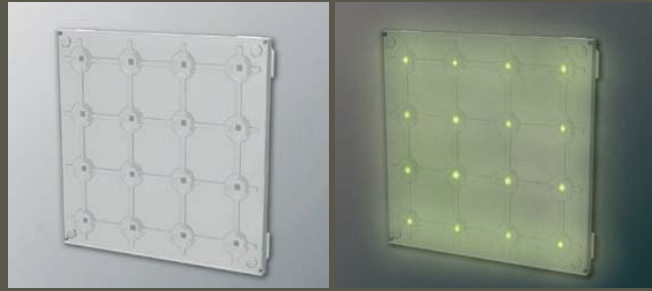
1PXL Module RGB (16 SMD)

**MB.MO.5010000**

### Accessories




#### Quick Clip Mounting System

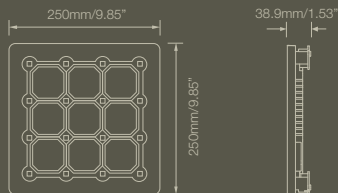
- Pre-cluster Modules before mounting
- Mount large surfaces of Modules within minutes
- Ensure perfect LED pitch and alignment
- Easy mounting and dismounting of installations



The 1PXL Module is a LED lighting module designed as a direct view fixture and equipped with a quality plastic cover to protect the surface-mounted LEDs from abrasion. An additional aspect is the possibility of design inlays that can be inserted behind this protective cover for a surprising lighting effect when the Module turns on in full RGB mode. With the Quick Clip mounting system, the Module is easily mounted and dismantled within minutes, suitable for temporary and permanent installations in both front lighting and backlighting applications.

### TECHNICAL SPECIFICATION OPTIONS

FEATURES	LED module with housing, Quick Clip mounting, Smart Chip™, Auto-addressing, TX Connect™ Smart	
BEAM ANGLE		
ENVIRONMENT		
CONTROL	DMX512	
WEIGHT	0.73 kg / 1.6lbs	
DIMENSIONS	(L x W x H) 250mm x 250mm x 38.9mm, 9.85" x 9.85" x 1.53"	





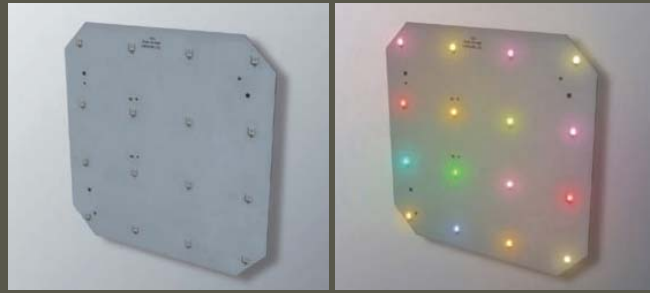
16PXL BOARD RGB





# 16PXL BOARD RGB

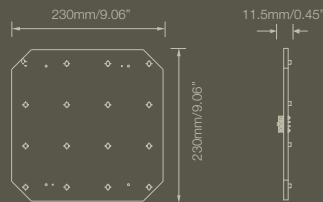
16PXL Board RGB (16 SMD)  
**MB.BO.7110000**



The 16PXL Board is an outstanding all-rounder, unveiling its full potential when placed behind semi-translucent materials or fabrics, displaying any DMX/e:pix-input from graphics, text and medium resolution video content. The high performance LEDs spread their light in a wide beam angle of 120° across any kind of surface. Its slim profile and light weight allow for easy integration into floors or ceilings. TX Control with advanced DMX control and Smart Chip™ technology lets the 16PXL Board excel in near to any backdrop application.

## TECHNICAL SPECIFICATION OPTIONS

FEATURES	Multifunctional LED board, 16 individually controllable pixels, Smart Chip™, Auto-addressing, TX Connect™ Smart	
BEAM ANGLE		
ENVIRONMENT	INDOOR            IP65            IP66            IP67            IP68	
CONTROL	DMX512	
WEIGHT	0.20kg / 0.4lb	
DIMENSIONS	(L x W x H) 230mm x 230mm x 11.5mm, 9.06" x 9.06" x 0.45"	





1PXL BOARD RGB

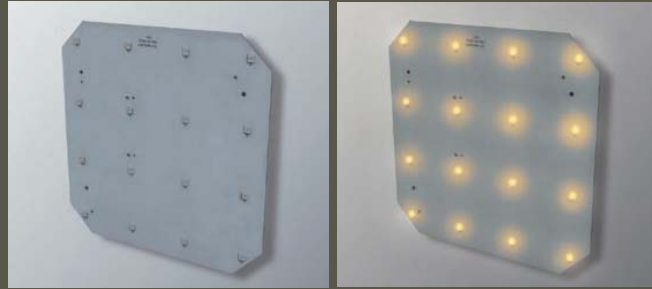




## 1PXL BOARD RGB

1PXL Board RGB (16 SMD)

**MB.BO.5010000**



The 1PXL Board is a highly versatile modular element within the Traxon Modules & Boards range. The Board can be applied as a backdrop installation to fixed or malleable materials and landscapes. The high performance LEDs spread their light in a wide beam angle of 120° across any kind of surface. Interconnectable via TX Connect™ Smart with any other Traxon Smart product, the application areas of the Board extend to exhibitions, interior design, hospitality, commercial and architectural environments.

### TECHNICAL SPECIFICATION OPTIONS

#### FEATURES

Low profile LED board, Smart Chip™, Auto Addressing, TX Connect™ Smart



#### BEAM ANGLE



#### ENVIRONMENT



#### CONTROL

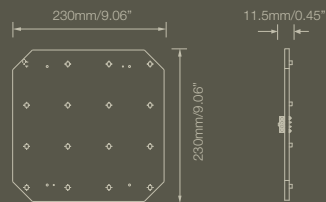
DMX512

#### WEIGHT

0.20kg / 0.4lb

#### DIMENSIONS

(L x W x H) 230mm x 230mm x 11.5mm, 9.06" x 9a.06" x 0.45"





 1PXL COVE LIGHT XR RGB


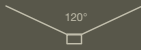





1PXL Cove Light XR RGB (12 SMD)  
**MB.CL.5010100**

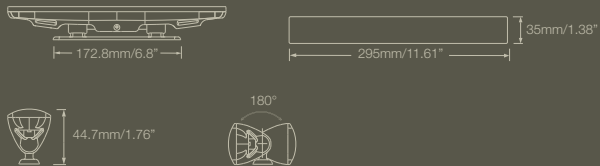


The 1PXL Cove Light XR RGB brings atmospheric light and color to otherwise colorless areas. With its functional design; compact size and a free-locking rotation of 180°, the Cove Light XR RGB is the perfect solution for any architectural landscape, ensuring shadeless illumination with a generous 120° beam angle.

Its slim profile and protective casing make it ideal to decorate hospitality, recreational as well as commercial surroundings to highlight alcoves and other recessed borders.

TECHNICAL SPECIFICATION OPTIONS

FEATURES	Slim profile cove light, 180° locking rotation, Smart Chip™, Auto-addressing, TX Connect™ Smart	
BEAM ANGLE		
ENVIRONMENT	 INDOOR  IP65  IP66  IP67  IP68	
CONTROL	DMX512	
WEIGHT	0.2kg / 0.44lb	
DIMENSIONS	(L x W x H) 295mm x 35mm x 44.7mm, 11.61" x 1.38" x 1.76"	



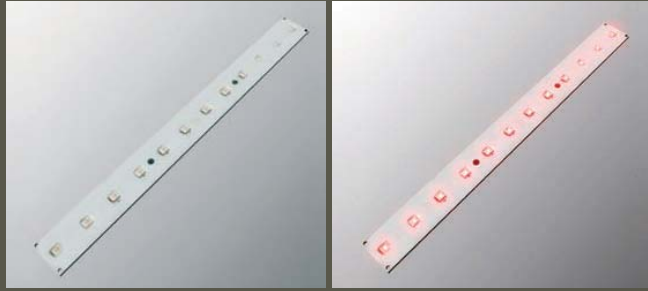
1PXL STRIP RGB








## 1PXL STRIP RGB

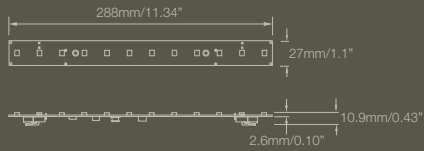
1PXL Strip RGB (12 SMD)  
**MB.ST.5010000**



The 1PXL Strip offers the ideal solution for space restricted surroundings requiring color changing lighting effects. Equipped with Smart Chip™ technology the linear strip avails of this on-board DMX enhancement, including Auto Addressing and Flicker Free Technology. Installed behind sand blasted glass or other materials, the 1PXL Strip acts as an elegant RGB lighting element capable of adorning a variety of venues ranging from hospitality to commercial applications.

### TECHNICAL SPECIFICATION OPTIONS

FEATURES	High performance strip light, Smart Chip™, Auto-addressing, TX Connect™ Smart	
BEAM ANGLE		
ENVIRONMENT		
CONTROL	DMX512	
WEIGHT	0.07kg / 0.15lb	
DIMENSIONS	(L x W x H) 288mm x 27mm x 10.9mm, 11.34" x 1.1" x 0.43"	



traxon

TRAXON LED **WHITE LINE**



## TRAXON LED **WHITE LINE**

Traxon's White Line is designed to suit architectural as well as retail and hospitality applications where the use of different hues of white light are essential to the environment's atmosphere.

The White Line encompasses Cold White or Warm White LEDs as standard on all products as well as a Dynamic White option, extending the line's functionality and application options to areas requiring more flexibility.

Traxon's White Line products complement the RGB range of backdrop and cove lighting fixtures, as well as its high brightness series of XB Luminaires with Luxeon® LEDs.

The White Line combines all of the advantages of LED lighting over conventional lighting for the majority of commonplace lighting installations, including energy efficiency, reduced maintenance and electricity costs, lack of heat emission and UV radiation, durability and long source life.

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## WHITE LINE – The sophistication of White Light

White LEDs have undergone vast improvements over the last few years and can now cater to a variety of lighting scenarios; from architectural to commercial, hospitality to retail. The ambience of an environment can be set by the color temperature of the surrounding light and influences moods, perception, shopping behavior and concentration levels.

### Cold White

Perceived cooler shades of white create a sense of cleanliness and clarity. These color tones are applicable to museums and galleries, jewelry or high-tech electronics stores and other areas requiring extremely good visibility. Glass, diamonds, crystals as well as precious metals like silver and platinum reflect beautifully in these color settings.

### Warm White

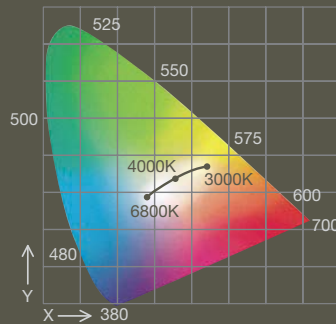
Perceived warmer shades of white create a sense of intimacy and comfort. These tones can be applied well in recreational and hospitality areas such as restaurants and hotels as well as libraries, bookstores, fashion stores and cosmetic boutiques. Skin colors and fabrics appear in warmer and richer saturations when shown under warm color temperatures. Similarly, rubies, pearls and gold are well accentuated in these color hues.

### Dynamic White™

In addition to the wide range of lighting applications for either Cold White or Warm White, Traxon's Dynamic White™ adds a flexible lighting system to its range which can alter the atmosphere of any given environment. Dynamic White™ luminaires emit a color temperature spectrum ranging from Cold White to Warm White in a single fixture. Adjust the atmosphere of locations according to the time of day or desired effect.



In order to define the exact shade of white, White Light is measured in color temperature along the Black Body Curve rather than using the CIE Chromaticity Diagram commonly used to describe the wavelengths at which colored light is emitted. The position along the Black Body Curve is equivalent to the color of a black iron body being heated to thousands of degree Kelvin. These 'color temperatures' have been defined and can be laid over the Chromaticity Diagram resulting in a Correlated Chromaticity Temperature (CCT), referring to the closest point in the diagram to the Black Body Temperature.



Whereas various temperatures of White Light can be achieved along the Chromaticity Diagram using the additive mixing feature of Traxon's Professional RGB products, Traxon's White Line exclusively uses dedicated White LEDs. These fixtures are available in Cold White, Warm White or Traxon's Dynamic White™, which can nearly seamlessly phase between these two color temperatures.

Knowing of the finesse in choosing the right color temperature, Traxon offers its Cold White and Warm White in customizable temperatures. Traxon's Dynamic White™ combines these Cold White and Warm White LEDs, spanning a comprehensive range of color temperatures to suit refined applications in White.

Traxon's white line XB fixtures are available in the following color temperatures:

Cold White: 6700 K

Warm White: 3400 K

Dynamic White™: 3400 K - 6700 K

Traxon's white line smart fixtures are available in the following color temperatures:

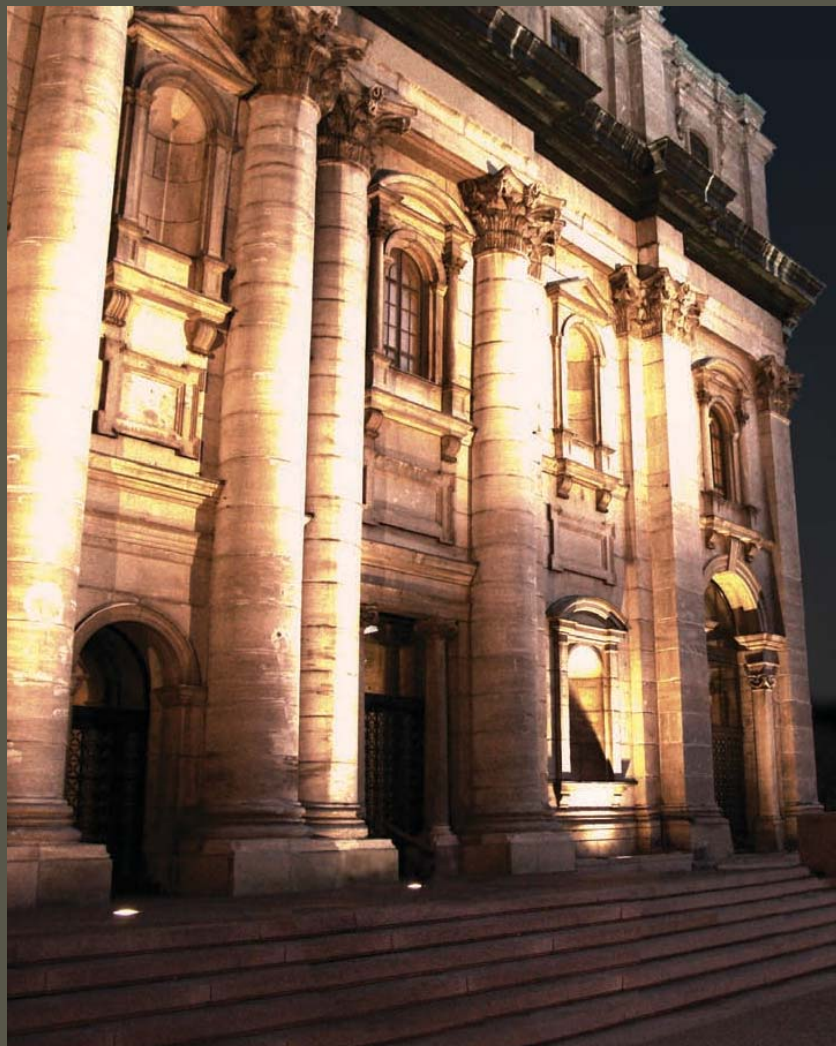
Cold White: 7000 K

Warm White: 3500 K

Dynamic White™: 3500 K - 10000 K



WALL WASHER XB-18





## WALL WASHER XB-18

### Cold White

Wall Washer XB-18 K2 Indoor  
CW 6° Clear **XB.WD.2161100**

Wall Washer XB-18 K2 Outdoor  
CW 6° Clear **XB.WD.2261100**

### Warm White

Wall Washer XB-18 K2 Indoor  
WW 6° Clear **XB.WD.2171100**

Wall Washer XB-18 K2 Outdoor  
WW 6° Clear **XB.WD.2271100**

### Dynamic White

Wall Washer XB-18 K2 Indoor  
DW 6° Clear **XB.WD.2181100**

Wall Washer XB-18 K2 Outdoor  
DW 6° Clear **XB.WD.2281100**
















\*

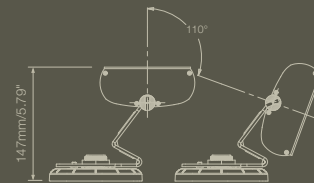
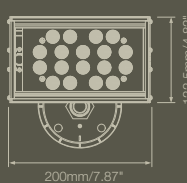
\* For further combination options, please use the model number generator on our website [www.traxontechnologies.com](http://www.traxontechnologies.com) or contact your local Traxon Partner.



The Wall Washer XB-18 is a compact high-power LED fixture equipped with premium K2 Luxeon® LEDs. Rated for both indoor and outdoor use, this luminaire extends the application areas of White Light to architectural projects of all kinds: accentuate facades of buildings or turn courtyards and spaces into stages of bright light. The choice of four distinct beam angles for this line permits a variety of installation options, from focused accent lighting to large-scale wall washing effects. Used in auditoriums, amphitheatres or other hospitality environments, the use of Dynamic white to switch between cold and warm hues of White unfolds an area's full potential and effect.

### TECHNICAL SPECIFICATION OPTIONS

FEATURES	Compact high-power Wall Washer, High-precision optics, Adjustable lamp and base mount, High-grade aluminum extrusion, TX Connect™ XB	
BEAM ANGLE	    	
COLOR	  	
LENS	 Clear Glass ( UV-Casting )	
ENVIRONMENT	 INDOOR  IP85  IP66  IP67  IP68	
LED TYPE	K2 Luxeon®	
CONTROL	DMX512, Standalone, Master / Slave via LED Engine XB-SD	
WEIGHT	1.73kg / 3.8lbs	
DIMENSIONS	(L x W x H) 200mm x 122.5mm x 147mm, 7.87" x 4.82" x 5.79"	





WALL WASHER XB-36







## WALL WASHER XB-36

### Cold White

Wall Washer XB-36 K2 Indoor  
CW 6° Clear **XB.WE.2161100**

Wall Washer XB-36 K2 Outdoor  
CW 6° Clear **XB.WE.2261100**

### Warm White

Wall Washer XB-36 K2 Indoor  
WW 6° Clear **XB.WE.2171100**

Wall Washer XB-36 K2 Outdoor  
WW 6° Clear **XB.WE.2271100**

### Dynamic White

Wall Washer XB-36 K2 Indoor  
DW 6° Clear **XB.WE.2181100**

Wall Washer XB-36 K2 Outdoor  
DW 6° Clear **XB.WE.2281100**
















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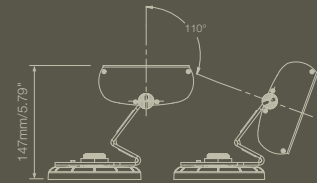
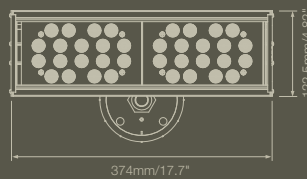
\* For further combination options, please use the model number generator on our website [www.traxontechnologies.com](http://www.traxontechnologies.com) or contact your local Traxon Partner.



The Wall Washer XB-36 is a solid high-power LED fixture using premium K2 Luxeon® LEDs. Rated for both indoor and outdoor use, this luminaire extends the application areas of White Light to wide-angle architectural applications on buildings, landscapes and more. The option of four distinct beam angles for this line permits a variety of options, from accent lighting to wall washing. The Wall Washer XB-36 is designed for outdoor and large-scale indoor applications; alter the atmosphere of entire environments using Dynamic White to influence moods and buyer behavior.

### TECHNICAL SPECIFICATION OPTIONS

FEATURES	High-power Wall Washer, High-precision optics, Adjustable lamp and base mount, High-grade aluminum extrusion, Thermal management, TX Connect™ XB	
BEAM ANGLE	    	
COLOR	 Cold White  Warm White  Dynamic White	
LENS	 Clear Glass (UV-Casting)	
ENVIRONMENT	 INDOOR  IP65  IP66  IP67  IP68	
LED TYPE	K2 Luxeon®	
CONTROL	DMX512, Standalone, Master / Slave via LED Engine XB-SD	
WEIGHT	2.9kg / 6.4lbs	
DIMENSIONS	(L x W x H) 374mm x 122.5mm x 147mm, 17.7" x 4.82" x 5.79"	





**LINER XB**

**Cold White**

Liner XB-9 K2 Indoor  
CW 25° x 6 Clear **XB.LF.2164100**

Liner XB-9 K2 Outdoor  
CW 25° x 6 Clear **XB.LF.2264100**

Liner XB-18 K2 Indoor  
CW 25° x 6 Clear **XB.LG.2164100**

Liner XB-18 K2 Outdoor  
CW 25° x 6 Clear **XB.LG.2264100**

Liner XB-27 K2 Indoor  
CW 25° x 6 Clear **XB.LH.2164100**

Liner XB-27 K2 Outdoor  
CW 25° x 6 Clear **XB.LH.2264100**

Liner XB-36 K2 Indoor  
CW 25° x 6 Clear **XB.LI.2164100**

**Warm White**

Liner XB-9 K2 Indoor  
WW 25° x 6 Clear **XB.LF.2174100**

Liner XB-9 K2 Outdoor  
WW 25° x 6 Clear **XB.LF.2274100**

Liner XB-18 K2 Indoor  
WW 25° x 6 Clear **XB.LG.2174100**

Liner XB-18 K2 Outdoor  
WW 25° x 6 Clear **XB.LG.2274100**

Liner XB-27 K2 Indoor  
WW 25° x 6 Clear **XB.LH.2174100**

Liner XB-27 K2 Outdoor  
WW 25° x 6 Clear **XB.LH.2274100**

Liner XB-36 K2 Indoor  
WW 25° x 6 Clear **XB.LI.2174100**

**Dynamic White**

Liner XB-9 K2 Indoor  
DW 25° x 6 Clear **XB.LF.2184100**

Liner XB-9 K2 Outdoor  
DW 25° x 6 Clear **XB.LF.2284100**

Liner XB-18 K2 Indoor  
DW 25° x 6 Clear **XB.LG.2184100**

Liner XB-18 K2 Outdoor  
DW 25° x 6 Clear **XB.LG.2284100**

Liner XB-27 K2 Indoor  
DW 25° x 6 Clear **XB.LH.2184100**

Liner XB-27 K2 Outdoor  
DW 25° x 6 Clear **XB.LH.2284100**

Liner XB-36 K2 Indoor  
WW 25° x 6 Clear **XB.LI.2174100**
















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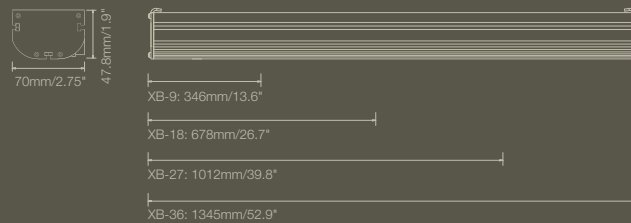
★ For further combination options, please use the model number generator on our website [www.traxontechnologies.com](http://www.traxontechnologies.com) or contact your local Traxon Partner.



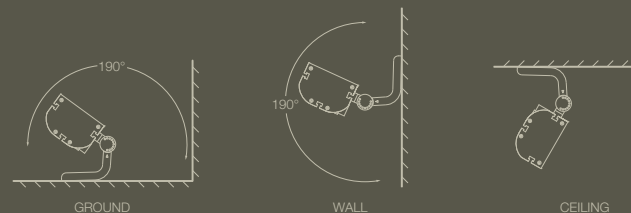
The Liner XB series comprises various lengths of linear high-power K2 Luxeon® LED fixtures. Designed to illuminate any kind of surface with a variety of beam angles, these high brightness fixtures are able to graze or sweep walls with light across substantial distances. With Dynamic White, the perception of such areas can be influenced, affecting passers-by. The Traxon Liner XB series is available in an ultra-wide 110° beam angle option for indoor and outdoor applications. The quality acrylic lenses ensure an even light spread across any flat surface and are specially treated with UV-Casting.

**TECHNICAL SPECIFICATION OPTIONS**

FEATURES	Linear high-power fixture, High-precision optics, Wide angle option, High-grade aluminum extrusion, TX Connect™ XB	
BEAM ANGLE	    	
COLOR	 Cold White  Warm White  Dynamic White	
LENS	 Clear Glass (UV-Casting)	
ENVIRONMENT	 INDOOR  IP65  IP66  IP67  IP68	
LED TYPE	K2 Luxeon®	
CONTROL	DMX512, Standalone, Master / Slave via LED Engine XB-SD	
WEIGHT	XB-9: 1kg / 2.2lbs, XB-18: 2kg / 4.4lbs, XB-27: 3kg / 6.6lbs, XB-36: 4kg / 8.8lbs	
DIMENSIONS	(W x H x L) 70mm x 47.8mm x XB-9: 346mm, XB-18: 678mm, XB-27: 1012mm, XB-36: 1345mm (W x H x L) 2.75" x 1.9" x XB-9: 13.6", XB-18: 26.7", XB-27: 39.8", XB-36: 52.9"	



**OPTIONAL MOUNTING BRACKET (XB.AC.0000500)**





●●●●●● NANO LINER XB

Cold White

Nano Liner XB-9 K2 Indoor  
CW 25° x 6 **XB.NF.2164100**

Nano Liner XB-18 K2 Indoor  
CW 25° x 6 **XB.NG.2164100**

Nano Liner XB-27 K2 Indoor  
CW 25° x 6 **XB.NH.2164100**

Nano Liner XB-36 K2 Indoor  
CW 25° x 6 **XB.NI.2164100**

Warm White

Nano Liner XB-9 K2 Indoor  
WW 25° x 6 **XB.NF.2174100**

Nano Liner XB-18 K2 Indoor  
WW 25° x 6 **XB.NG.2174100**

Nano Liner XB-27 K2 Indoor  
WW 25° x 6 **XB.NH.2174100**

Nano Liner XB-36 K2 Indoor  
WW 25° x 6 **XB.NI.2174100**

Dynamic White

Nano Liner XB-9 K2 Indoor  
DW 25° x 6 **XB.NF.2184100**

Nano Liner XB-18 K2 Indoor  
DW 25° x 6 **XB.NG.2184100**

Nano Liner XB-27 K2 Indoor  
DW 25° x 6 **XB.NH.2184100**

Nano Liner XB-36 K2 Indoor  
DW 25° x 6 **XB.NI.2184100**
















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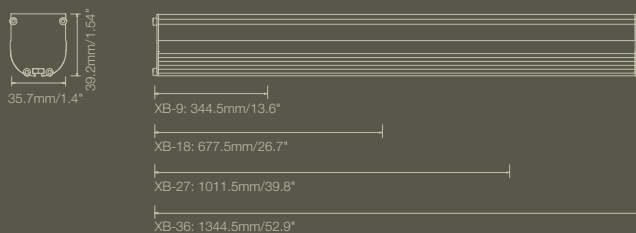
\* For further combination options, please use the model number generator on our website [www.traxontechnologies.com](http://www.traxontechnologies.com) or contact your local Traxon Partner.



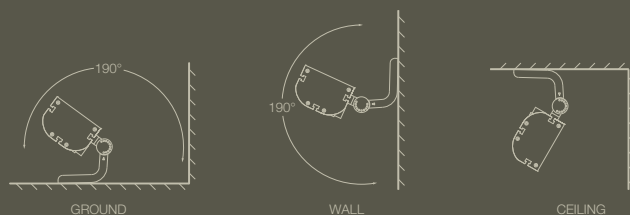
The Nano Liner XB series is a slim-profile version of Traxon's Liner XB range and designed to suit demanding indoor installations seeking space efficient high brightness lighting. The ultra sleek design enables installers to easily hide the lighting fixture in alcoves to conceal the light source. Without UV or heat emissions, this LED Nano Liner XB can be used in museums and galleries, illuminating showcases or display boxes without deteriorating sensitive materials. Intelligent mixing of Cold and Warm White can influence the behavior of shoppers and visitors to stores using the powerful Dynamic White option.

TECHNICAL SPECIFICATION OPTIONS

FEATURES	Ultra slim high-power fixture, High-precision optics, Wide angle option, TX Connect™ XB	
BEAM ANGLE	    	
COLOR	 Cold White  Warm White  Dynamic White	
LENS	 Clear (UV-Casting)	
ENVIRONMENT	 INDOOR  IP65  IP66  IP67  IP68	
LED TYPE	K2 Luxeon®	
CONTROL	DMX512, Standalone, Master / Slave via LED Engine XB-SD	
WEIGHT	XB-9: 0.5kg / 1.1lbs, XB-18: 1kg / 2.2lbs, XB-27: 1.5kg / 3.3lbs, XB-36: 2kg / 4.4lbs	
DIMENSIONS	(W x H x L) 35.7mm x 39.2mm x XB-9: 344.5mm, XB-18: 677.5mm, XB-27: 1011.5mm, XB-36: 1334.5mm (W x H x L) 1.4" x 1.54" x XB-9: 13.6", XB-18: 26.7", XB-27: 39.8", XB-36: 52.9"	



OPTIONAL MOUNTING BRACKET (XB.AC.0000500)







Cold White

Spot XB-3 K2 Indoor  
CW 25° **XB.SC.2163000**

Warm White

Spot XB-3 K2 Indoor  
WW 25° **XB.SC.2173000**

Dynamic White

Spot XB-3 K2 Indoor  
DW 25° **XB.SC.2183000**





\*

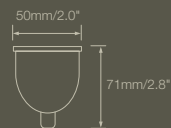
\* For further combination options, please use the model number generator on our website [www.traxontechnologies.com](http://www.traxontechnologies.com) or contact your local Traxon Partner.



Traxon's Spot XB, designed to fit into standard MR 16 housings, offers a prime alternative for conventional down-lighting applications. Fitted with K2 Luxeon® LEDs, the Spot XB serves as accent, spot, or niche lighting for a variety of architectural, retail or hospitality environments. Highlighting showcases or sculptures are only a few of the Spot XB's application areas. Depending on the time of day, you can use the Dynamic White of this luminaire to adjust the color temperature for an optimal exposure at all times.

TECHNICAL SPECIFICATION OPTIONS

FEATURES	High-power spot light, High-precision optics, Standard MR16 size, High-grade aluminum extrusion, TX Connect™ XB 
BEAM ANGLE	  
COLOR	 Cold White  Warm White  Dynamic White
LENS	N/A
ENVIRONMENT	 INDOOR  IP65  IP66  IP67  IP68
LED TYPE	K2 Luxeon®
CONTROL	DMX512, Standalone, Master / Slave via LED Engine XB-SD
WEIGHT	0.1kg / 0.22lb
DIMENSIONS	(D x H) 50mm x 71mm, 2.0" x 2.8"





1PXL MODULE







## 1PXL MODULE

### Cold White

1PXL Module Cold White (16 SMD)

**MB.MO.5060000**

### Warm White

1PXL Module Warm White (16 SMD)

**MB.MO.5070000**

### Dynamic White

1PXL Module Dynamic White (32 SMD)

**MB.MO.5080000**

### Accessories

#### Quick Clip Mounting System

- Pre-cluster Modules before mounting
- Mount large surfaces of Modules within minutes
- Ensure perfect LED pitch and alignment
- Easy mounting and dismounting of installations

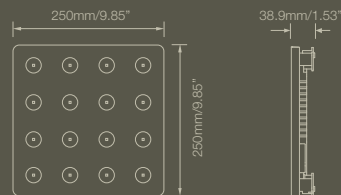


The 1PXL Module is a ready-to-mount LED tile (25cm x 25cm / 9.85in x 9.85in) in a protective casing, ideal for hassle-free installations on walls, floors or any other flat surface. Designed for both direct view and backdrop installations, the Module spreads its White light in a wide 120° beam angle: in Cold White (16 SMD), Warm White (16 SMD) or Dynamic White (32 SMD). Traxon's Dynamic White option allows you to adjust and optimize the color temperature of your fixture to changing ambient conditions and/or usage.

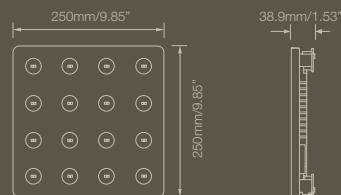
#### TECHNICAL SPECIFICATION OPTIONS

FEATURES	LED module with housing, Smart Chip™, Auto addressing, TX Connect™ Smart, Plug 'n' play solution (simple on/off installations possible without additional controller)	
BEAM ANGLE		
COLOR	Cold White          Warm White          Dynamic White	
ENVIRONMENT	INDOOR          IP65          IP66          IP67          IP68	
CONTROL	DMX512	
WEIGHT	0.73kg / 1.61lbs	
DIMENSIONS	(L x W x H) 250mm x 250mm x 38.9mm, 9.85" x 9.85" x 1.53"	

#### Warm White / Cold White (16 SMD)



#### Dynamic White (32 SMD)





1PXL BOARD





## 1PXL BOARD

### Cold White

1PXL Board Cold White (16 SMD)

**MB.BO.5060000**

### Warm White

1PXL Board Warm White (16 SMD)

**MB.BO.5070000**

### Dynamic White

1PXL Board Dynamic White (32 SMD)

**MB.BO.5080000**

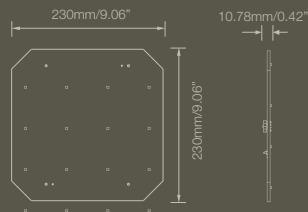


The 1PXL Board is a slim profile LED module designed for backlighting installations of walls, floors, ceilings or any other flat surface. It is available in Cold White (16 SMD), Warm White (16 SMD) and Dynamic White (32 SMD). Interconnectable with all products in the TX Smart series, the Board is a versatile element of Traxon's LED lighting system solutions. Traxon's Dynamic White option allows you to adjust and optimize the color temperature of your fixture to changing ambient conditions and/or usage.

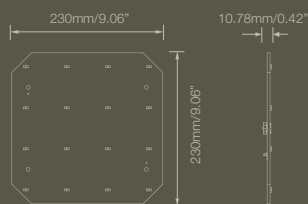
#### TECHNICAL SPECIFICATION OPTIONS

FEATURES	Versatile LED board, Smart Chip™, Auto addressing, TX Connect™ Smart, Plug 'n' play solution (simple on/off installations possible without additional controller)	
BEAM ANGLE		
COLOR		
ENVIRONMENT		
CONTROL	DMX512	
WEIGHT	0.20kg / 0.40lb	
DIMENSIONS	(L x W x H) 230mm x 230mm x 11.5mm, 9.06" x 9.06" x 0.45"	

#### Warm White / Cold White (16 SMD)



#### Dynamic White (32 SMD)





 1PXL COVE LIGHT XR

Cold White

1PXL Cove Light XR Cold White (12 SMD)  
**MB.CL.5060100**

Warm White

1PXL Cove Light XR Warm White (12 SMD)  
**MB.CL.5070100**











Dynamic White

1PXL Cove Light XR Dynamic White (24 SMD)  
**MB.CL.5080100**



The Cove Light XR combines compact design with advanced LED technology to accentuate alcoves and recessed spaces with White light. The Cove Light XR features a generous 180° locking rotation for flexible mounting and installation scenarios. A wide beam angle of 120° ensures an even glow of white. Twelve high-performance surface-mounted LEDs provide an intense light output; boutiques and fashion stores are only a small excerpt of possible application areas for warm and cold hues of white. Traxon's Dynamic White (24 SMD) option allows you to adjust and optimize the color temperature of your fixture to changing ambient conditions and/or usage.

TECHNICAL SPECIFICATION OPTIONS

FEATURES	Slim profile cove light, 180° free-locking rotation, Smart Chip™, Auto addressing, TX Connect™ Smart, Plug 'n' play solution (simple on/off installations possible without additional controller)	
BEAM ANGLE		
COLOR	 Cold White  Warm White  Dynamic White	
ENVIRONMENT	 INDOOR  IP65  IP66  IP67  IP68	
CONTROL	DMX512	
WEIGHT	0.2kg / 0.44lb	
DIMENSIONS	(L x W x H) 295mm x 35mm x 44.7mm, 11.61" x 1.38" x 1.76"	



1PXL STRIP



1PXL STRIP

Cold White

1PXL Strip Cold White (12 SMD)  
**MB.ST.5060000**

Warm White

1PXL Strip Warm White (12 SMD)  
**MB.ST.5070000**











Dynamic White

1PXL Strip Dynamic White (24 SMD)  
**MB.ST.5080000**

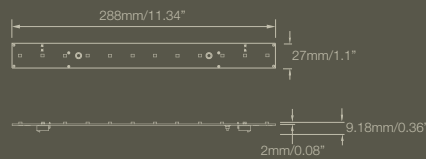


Equipped with Smart Chip™ Technology, the 1PXL Strip is a versatile solution for applications requiring space efficient lighting. Its slim design and low profile make the 1PXL Strip ideal for installations where space is restricted; such as alcoves or recessed spaces. Interconnectable with all TX Smart products, this linear fixture complements the series of Modules & Boards for any kind of architectural, commercial or hospitality setting. Traxon's Dynamic White (24 SMD) option allows you to adjust and optimize the color temperature of your fixture to changing ambient conditions and/or usage.

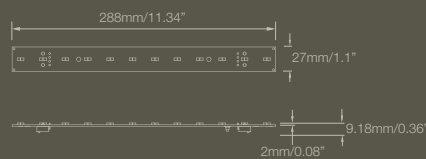
TECHNICAL SPECIFICATION OPTIONS

FEATURES	High performance strip light, Smart Chip™, Auto addressing, TX Connect™ Smart, Plug 'n' play solution (simple on/off installations possible without additional controller)	
BEAM ANGLE		
COLOR	 Cold White  Warm White  Dynamic White	
ENVIRONMENT	 INDOOR  IP65  IP66  IP67  IP68	
CONTROL	DMX512	
WEIGHT	0.07kg / 0.15lb	
DIMENSIONS	(L x W x H) 288mm x 27mm x 10.9mm, 11.34" x 1.1" x 0.43"	

Warm White / Cold White (12 SMD)

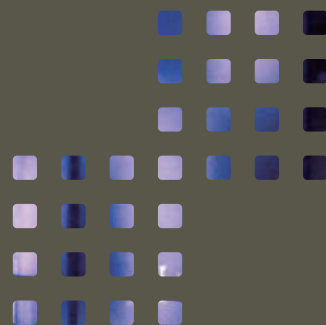
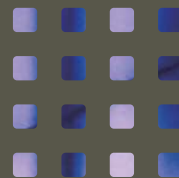
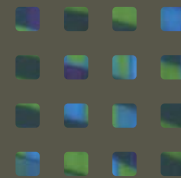
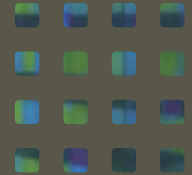
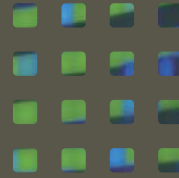


Dynamic White (24 SMD)



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TRAXON LED PANELS





## TRAXON LED PANELS

Traxon's RGB Panels product range has won a series of international product and design awards across the world. Measuring 50cm x 50cm / 20in x 20in, the Panels can be installed and interconnected in any combination or alignment, creating seamless surfaces of shimmering and pulsating light. This product range is designed to create large scale, low resolution walls of animated light.

The prominent series of this product line are the 64PXL Panels with individually controllable high performance RGB SMD LEDs, a sophisticated control interface (DMX) and on-board Smart Chip™.

Whereas the Tile panels use a frosted polycarbonate cover to evenly diffuse the colorful light, the Mirror series features specially treated reflective glass, for a mesmerizing effect when transforming from a high-class black mirror into a surprising source of light.

For a complete overview of Traxon's solutions portfolio, please consult the product catalogues on PANELS, MODULES & BOARDS, XB LUMINAIRES, MESH & DOTS and WHITE LINE products as well as Traxon's lighting control system TX CONTROL or visit [www.traxontechnologies.com](http://www.traxontechnologies.com).

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64PXL MIRROR WASH RGB





## 64PXL MIRROR WASH RGB

64PXL Mirror Wash RGB

**PA-MI-7110000**








The 64PXL Mirror Wash RGB is a ground breaking lighting innovation, which functions as a regular mirror when turned off and acts as a spectacular lighting fixture when switched on.

The 64 individually addressable pixels and the on-board Smart Chip™ allow the creation of different colorings, images, moving text and video displays. The 64PXL Mirror Wash RGB creates a unique fusion effect, which blends the images in seamless transition between the pixels, resulting in a stunning merngence of a multitude of colors in various shapes and forms.

The 64PXL Mirror Wash RGB offers a high degree of installation possibilities and can be interconnected with other units to create near limitless design flexibility.

The decorative lighting fixture can be used to embellish any indoor environment with myriad splendid colors.

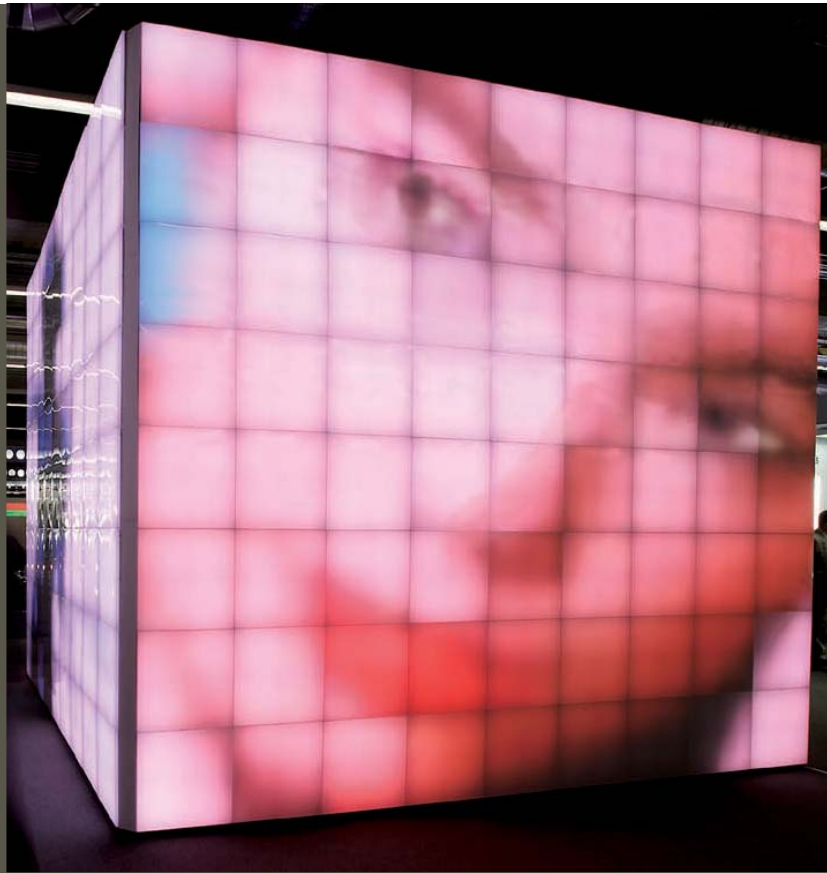
### TECHNICAL SPECIFICATION OPTIONS

FEATURES	64 pixel LED mirror panel, Reflective glass, Wash effect, Video replay, TX Connect™ Smart
ENVIRONMENT	 INDOOR  IP65  IP66  IP67  IP68
CONTROL	DMX512
WEIGHT	7kg / 15.4lbs
DIMENSIONS	(L x W x H) 500mm x 500mm x 95mm, 19.7" x 19.7" x 3.75"





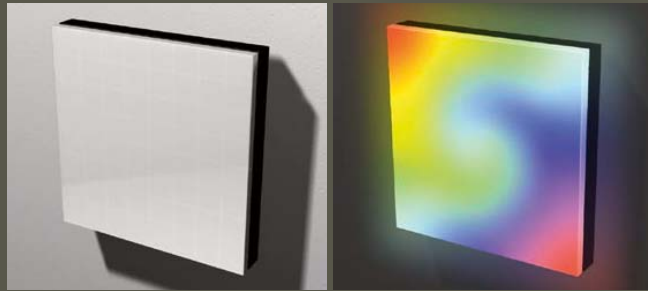
64PXL TILE WASH RGB





## 64PXL TILE WASH RGB

64PXL Tile Wash RGB  
**PA-TI-7110000**



Traxon's 64PXL Tile Wash RGB is a unique lighting element with 64 individually addressable pixels on a 50cm x 50cm surface. Its modular concept allows for large-scale installations, creating seamless surfaces of color and light as well as intricate video replays. Controlled by latest DMX technology, the revolutionary panel allows a superb array of colors, images, moving text, graphical animations and videos to be displayed. The panels' fusion effect ensures a seamless transition of lighting effects between the pixels, blending a myriad of vivid colors and artistic forms.

### TECHNICAL SPECIFICATION OPTIONS

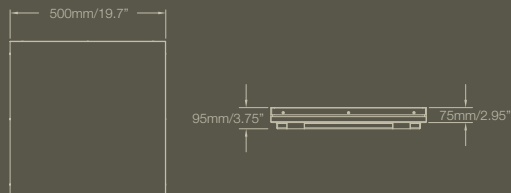
**FEATURES** 64 pixel LED panel, Wash effect, Video replay, Frameless  
TX Connect™ Smart

**ENVIRONMENT**  INDOOR  IP65  IP66  IP67  IP68

**CONTROL** DMX512

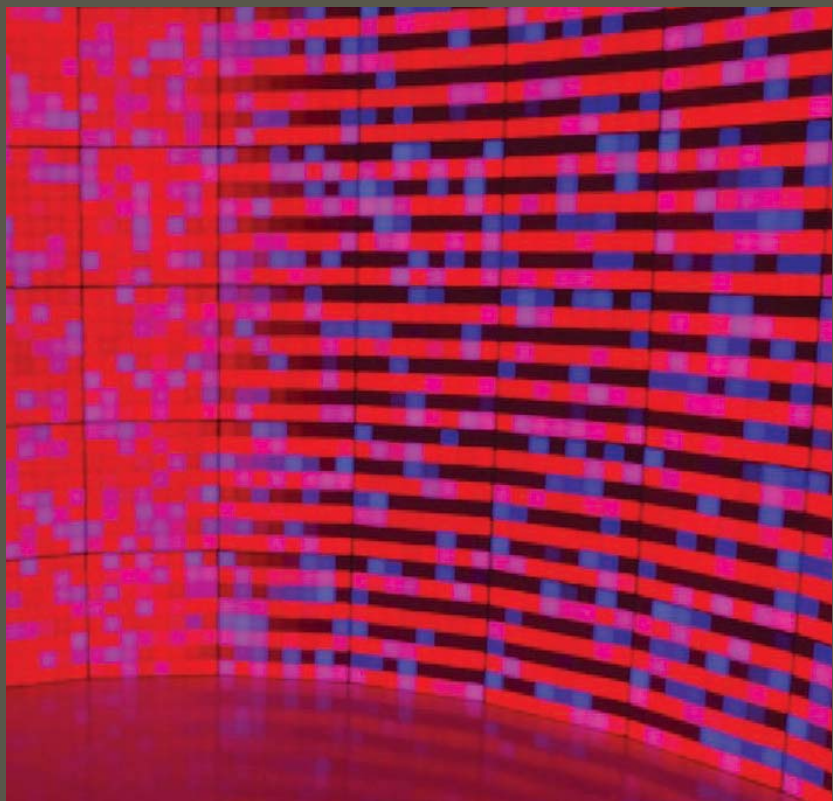
**WEIGHT** 4.5kg / 9.9lbs

**DIMENSIONS** (L x W x H) 500mm x 500mm x 95mm, 19.7" x 19.7" x 3.75"





64PXL TILE MATRIX RGB

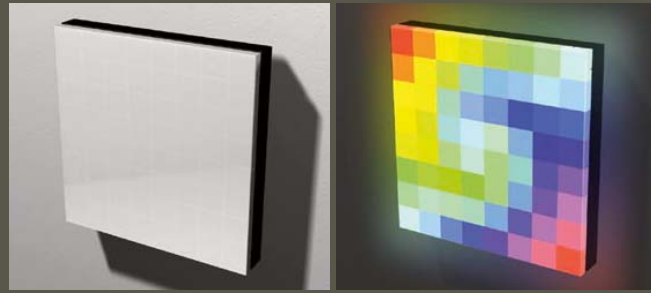




## 64PXL TILE MATRIX RGB

64PXL Tile Matrix RGB






**PA-TI-7110100**

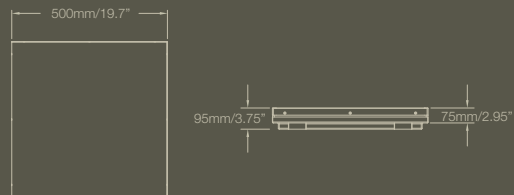


Categorized half way between LED light and LED screen, the 64PXL Tile Matrix RGB allows a variety of color displays, video animations and moving text in clearly defined pixels.

The innovative LED screen consists of clearly separated and individually addressable pixels which enable a multitude of functions. The 64PXL Tile Matrix RGB is designed for medium and large scale installations, where it can unfold its full effect, both in conventional and unconventional settings. Controlled by DMX technology, this unique lighting panel offers a broad range of graphic and video replay options in any environment.

### TECHNICAL SPECIFICATION OPTIONS

FEATURES	64 pixel LED panel, Matrix effect, Graphic animations, Frameless TX Connect™ Smart
ENVIRONMENT	 INDOOR  IP65  IP66  IP67  IP68
CONTROL	DMX512
WEIGHT	5.5kg / 12.1lbs
DIMENSIONS	(L x W x H) 500mm x 500mm x 95mm, 19.7" x 19.7" x 3.75"



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TRAXON LED **MESH & DOTS**





## TRAXON LED MESH & DOTS

The Mesh & String range enriches Traxon's extensive product range by giving access to more flexible solid-state-lighting applications. It comprises versatile, highly flexible LED-systems for both indoor and outdoor use, offering the all-purpose solution for most challenging surfaces. Furthermore, the range offers unique control flexibility by featuring DMX as well as DVI input signals. Using exclusively high performance LEDs, it enables the display of individual effects, graphics and text elements, as well as low to medium resolution videos. In addition to its waterproofed IP-67 rating, the entire range uses only UV-resistant material and makes it perfectly suitable for various application environments. It is equipped with powerful SMART CHIP™ technology, ensuring smooth linear dimming curves. Its auto-addressing function allows for quick and easy setup of even the largest installations. The outstanding flexibility in control and construction plus its transparent design gives the Mesh & String range a decisive advantage over conventional LED modules.

For a complete overview of Traxon's solutions portfolio, please consult the product catalogues on PANELS, MODULES & BOARDS, XB LUMINAIRES, MESH & DOTS and WHITE LINE products as well as Traxon's lighting control system TX CONTROL or visit [www.traxontechnologies.com](http://www.traxontechnologies.com).

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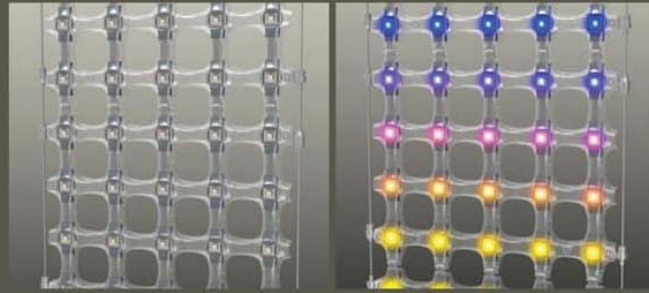
MESH RGB



traxon

MESH RGB

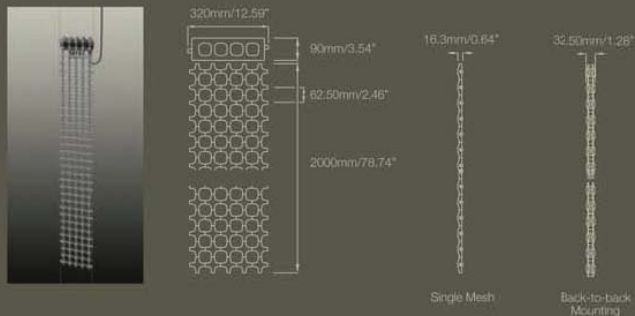
MESH RGB  
DO.MA.7010000



Traxon Mesh RGB is a highly versatile, modular system of LED modules that provides an all-purpose solution for every environment. A low profile and easy mounting give the device a decisive advantage over conventional LED screens and products. Each Mesh unit comprises eight grid-elements connected by flexible joints and is built out of five strings each with 32 pixels, resulting in a total of 160 individually controllable pixels per Mesh unit. The fixture offers control flexibility by featuring DMX as well as DVI input signals. The Mesh RGB is equipped with high performance, energy efficient Nichia LEDs as well as innovative Smart Chip™ technology that enables auto-addressing and an easy configuration. Its IP67-rated and UV resistant material make the Mesh RGB suitable for a variety of outdoor applications. Furthermore, the Mesh RGB can serve as a room divider by combining two units back to back with its refined and simple clipping system.

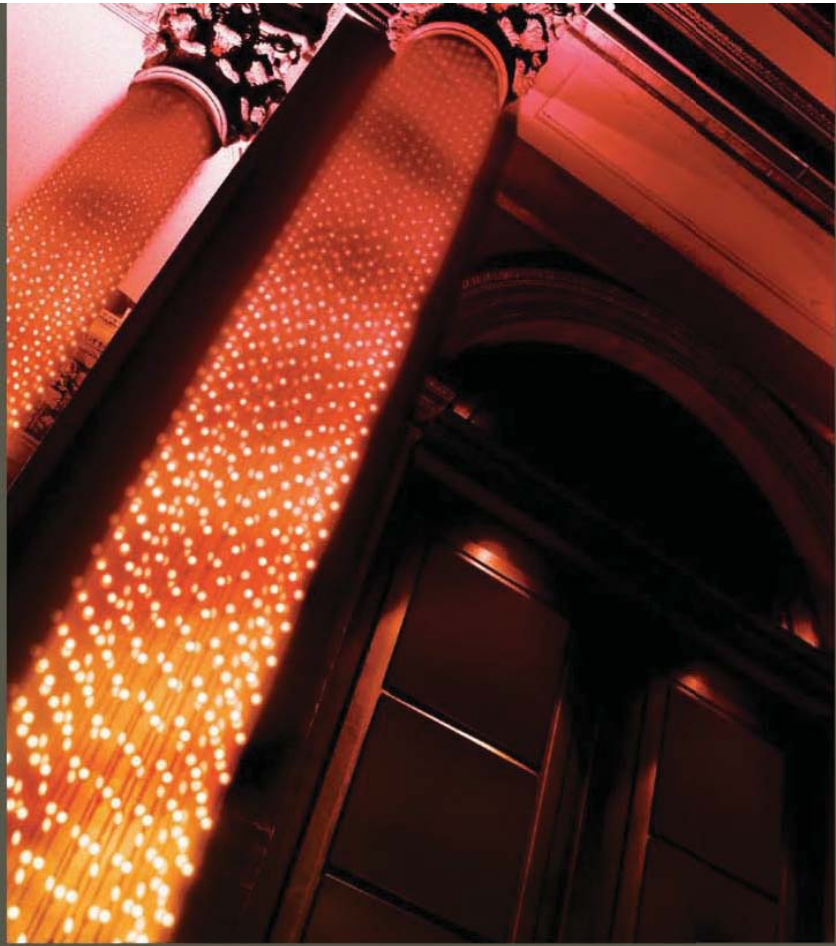
TECHNICAL SPECIFICATION OPTIONS

FEATURES	160 individually controllable pixels, Back-to-back mounting option, Input Interface: DMX and DVI capable (video input/replay), Transparent grid, UV resistant, Auto-Addressing, TX CONNECT™ Smart	
BEAM ANGLE		
ENVIRONMENT		
CONTROL	DMX / DVI	
WEIGHT	4kg / 8.8lbs	
DIMENSIONS	(L x W x H) 2000mm x 320mm x 16.3mm, 78.74" x 12.59" x 0.64"	



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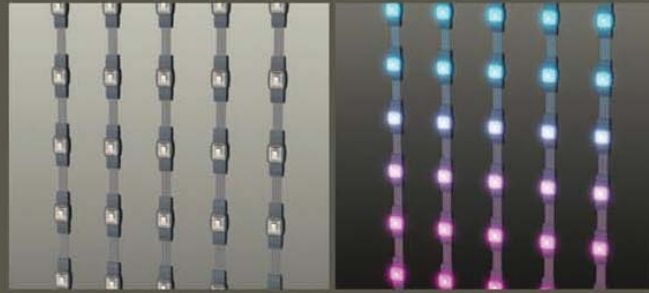
STRING RGB





## STRING RGB

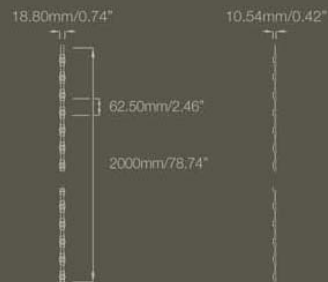
STRING RGB  
DO.SA.7010000



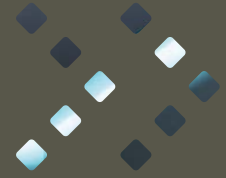
Traxon's String RGB is an exceptionally flexible, multipurpose LED lighting fixture designed to accomplish the most demanding installations. The fixture consists of 160 individually controllable Nichia LEDs divided in to 5 string segments and mounted on a flexible semi-transparent cable. As a result of its UV resistance and IP67-rating the String RGB is capable to be applied to any outdoor environment. Featuring DMX and DVI capability, the lighting fixture enables low to medium resolution media replay. Its extraordinary flexibility combined with innovative features give the String RGB a decisive advantage over conventional LED modules and strips.

### TECHNICAL SPECIFICATION OPTIONS

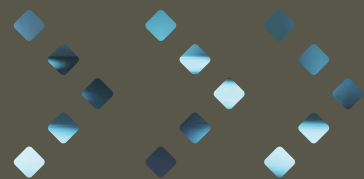
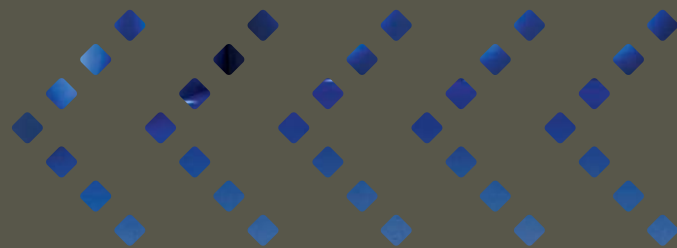
FEATURES	160 individually controllable pixels, Input Interface: DMX and DVI capable (video input/replay), UV resistant, Auto-Addressing, TX CONNECT™ Smart, 5 flexible strings per String RGB unit	
BEAM ANGLE		
ENVIRONMENT		
CONTROL	DMX / DVI	
WEIGHT	300g/0.66lbs (per string)	
DIMENSIONS	(L x W x H) 2000mm x 18.8mm x 10.54mm, 78.74" x 0.74" x 0.42"	



traxon



TRAXON LED **CONTROL / SYSTEM**



## TRAXON LED CONTROL / SYSTEM

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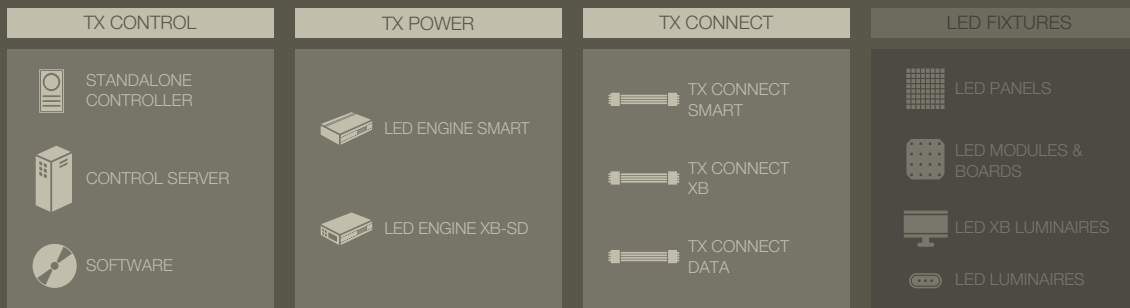
TX CONNECT DATA ..... 66

# TRAXON LED LIGHTING SYSTEM

Traxon offers a comprehensive system of LED lighting fixtures and control terminals which make up a fully integrated lighting control solution.

All Traxon products are designed around a universal interconnection system: TX Connect™. Enabling full modularity across the entire product range and making all items – whether TX LED Fixtures, TX Control or TX Power – interchangeable, TX Connect™ turns complex lighting and control scenarios into a simple-to-use Plug 'n' Play system.

Traxon's lighting system approach classifies all products into four clear categories:



Traxon's Control Servers and User Terminals are optimized for data transmission for the entire Traxon product range. Traxon Control makes use of Smart™ Technology and advanced DMX/e:pix platform. Specially engineered Power Supply Units (PSU) ensure stable operation across TX Connect™ products in rackmountable and standalone versions.

## TX CONTROL

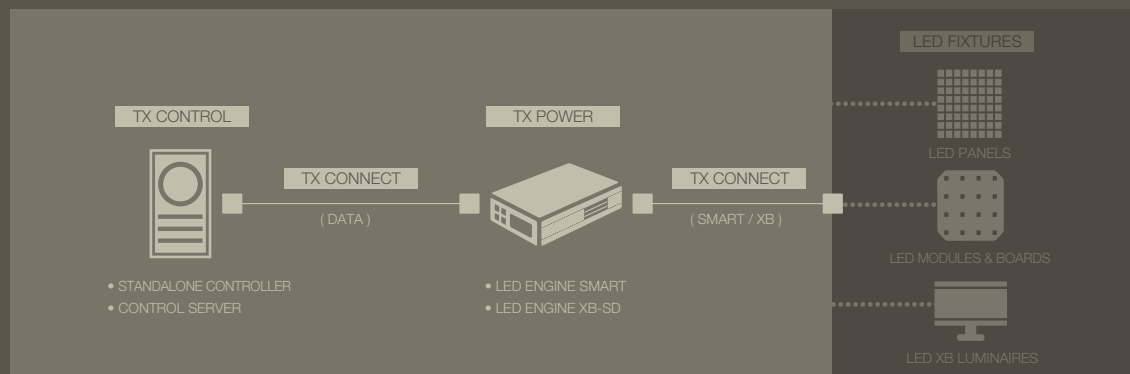
Traxon's intelligent control system enables you to easily manage TX LED Fixtures from remote controlled User Interfaces and powerful Control Server systems. Compatible with both standard DMX512 and advanced e:pix protocol for large-scale pixelmapping, TX Control offers a comprehensive light management package for small, medium and large lighting installations. Traxon's Light Suite lighting control software wraps up complex programming in an intuitive user interface with optional Action Pad for simple point-and-click control.

## TX POWER

Optimized for the TX Smart (24V) and TX XB (48V) series, Traxon's PSU and SPS (System Power Supply) range offer combined power and data output via Traxon Connect™ to all fixtures. Designed for different applications, Traxon offers slim profile PSUs for space restricted installations as well as rackmountable solutions for sites with dedicated control rooms.

## TX CONNECT

TX Connect™ is a connector system across TX products combining both power and data in a single cable. The cables are easy to connect and ensure a less time-consuming installation process. The system is broadly divided into TX Connect Smart for Smart fixtures and TX Connect XB for XB luminaires. The system is a one-fits-all solution for each product line; each cable can be connected to every product of the particular fixture range. The simple but elaborate system allows full flexibility in lighting installations, enabling combinations of different TX fixtures without tedious adapter cables (e.g. Boards and Strips for TX Smart, or Wall Washers and Liners for the TX XB). A straightforward range of TX Connect™ elements ensures simple wiring of TX LED Fixtures, TX Control, and TX Power units for a fully integrated lighting solution.





## TX CONTROL

### STANDALONE CONTROLLER



LIGHT-DRIVE RGB (BLACK)  
**SC.CD.5000000**

LIGHT-DRIVE RGB (WHITE)  
**SC.CD.5000100**



The Light-Drive RGB is a plug 'n' play controller for RGB LED fixtures. The wall-mount device provides direct access to connected fixtures in two or more lighting zones. Tune the color and brightness of LED fixtures to suit mood and function by the turn of the Light-Drive wheel. Six memory slots allow you to save individual settings and can be recalled anytime by the touch of a button or by remote control. Two sequence modes enable a continuous replay of all saved color settings as well as a preset colorphase function, which can be adjusted near to infinitely in replay speed - or simply turn the fixtures to dimmable white mode at the touch of a button. The DMX-based standalone controller puts the world of colors at your fingertips.

#### FEATURES

2 x 256 DMX channels, 3 zones, 6 memory slots, 2 dynamic modes, proximity sensor, remote control

#### DIMENSIONS

(L x W x H) 100mm x 170mm x 13mm,  
3.94" x 6.69" x 0.51"

#### INTERFACE

IR receiver  
TX CONNECT Data (DMX)  
TX CONNECT Data (e:bus)

#### ACCESSORIES



LIGHT-DRIVE REMOTE  
**SC.AC.0100100**



### STANDALONE CONTROLLER



LIGHT-DRIVE JOG (RGB)  
**BLACK SC.JD.5010000**  
**WHITE SC.JD.5010100**

LIGHT-DRIVE JOG (DW)  
**BLACK SC.JD.5080000**  
**WHITE SC.JD.5080100**



The Light-Drive Jog RGB is a DMX based plug 'n' play standalone controller for RGB LED fixtures. The wall-mount device provides direct access to the connected fixtures and is available in black or white. Tune the color and brightness of LED fixtures to suit mood and function by the turn of the jog wheel. The Color Rolling Mode enables a continuous replay of a preset color-phase function with a near infinite adjustable replay speed. The Light-Drive Jog RGB puts the world of colors at your fingertips.

The Light-Drive Jog DW is a DMX based plug 'n' play standalone controller specially designed to control white LED fixtures. The wall-mount device provides direct access to the connected fixtures and is available in black or white. Tune the brightness and the color temperature from cold to warm white of white LED fixtures by the turn of the jog wheel. The memory function allows you to save two individual settings that can be recalled by the touch of a button. The Light-Drive Jog DW puts the world of white at your fingertips.

#### FEATURES

LIGHT-DRIVE JOG (RGB)  
- 512 DMX channels  
- Color rolling mode

#### FEATURES

LIGHT-DRIVE JOG (DW)  
- 512 DMX channels  
- 2 memory slots

#### DIMENSIONS

(L x W x H) 100mm x 115mm x 13mm,  
3.94" x 4.53" x 0.51"

#### INTERFACE

IR receiver  
TX CONNECT Data (DMX)  
TX CONNECT Data (e:bus)

## CONTROL SERVER



LIGHT SERVER  
**CS.LS.000000**



The Light Server is a high performance control server unit capable of generating large DMX output with a maximum stability. Pre-installed Light Suite provides an easy-to-use action pad and programming software for a multitude of replay and animation options. For automated installations, the integrated backup system can be configured with a second unit for a fail-safe system.

### FEATURES

512MB RAM, 2x USB, 16x DVD ROM, 48x CD ROM, Windows XP, incl. keyboard & mouse

### DIMENSIONS

(L x W x H) 210mm x 381mm x 490mm, 8.27" x 15.01" x 19.31"

### INTERFACE

TX CONNECT Data (e\*net)

### ACCESSORIES



Touch Screen 17"  
**CS.AC.0000100**



Light Suite  
**SO.LS.0000000**

## CONTROL SERVER



MICRO SERVER  
**CS.MA.500000**



The Micro Server is an Ethernet-based replay unit with two 512 DMX channels and an exchangeable SD-Card memory. Enabled for both live and standalone control, the Micro Server allows control of any show 'size'. In standalone mode a total of 99 shows can be recalled by either touch or remote control. For multi-DMX-universe installations, the Micro Server I can be linked and synchronized via Ethernet and be stored in a 19" rackmount Garage.

### FEATURES

2 x 512 DMX channels, no external power supply required, SD-Card included

### DIMENSIONS

(L x W x H) 71mm x 24mm x 84mm, 2.80" x 0.95" x 3.31"

### INTERFACE

IR receiver  
TX CONNECT Data (DMX)

### ACCESSORIES



LIGHT DRIVE REMOTE  
**SC.AC.0100100**



MICRO SERVER GARAGE  
**CS.AC.0100100**

## CONTROL SOFTWARE



LIGHT SUITE  
SO.LS.0000000



Traxon's Light Suite is a comprehensive software package behind an intuitive and easy-to-use Graphical User Interface enabling multifaceted lighting control management. From a host of simple-to-use color functions to multilayer video replay and sophisticated pixelmapping, the point-and-click TouchScreen Action Pad sets Traxon Light Suite apart: Giving easy-access to beginners and intermediates to lighting control, the self-explanatory software is extendible to any lighting scenario. Sophisticated programming is aided by a LiveFX generator and Wizards to guide through tedious and repetitive programming sequences.

Light Suite calculates ready-to-use patchfiles for scalable matrix programming as well as remote video player software. Synchronize lighting fixtures and effects to DMX data, timecode or any desired trigger function within the Traxon lighting system at the touch of a button.

## TX POWER

### LED ENGINE SMART



LED Engine Smart 100W Indoor  
**PS.IA.0010000**

The LED Engine Smart 100W Indoor is a universal AC input Power Supply Unit equipped with TX Connect ready connectors. The LED Engine Smart 100W is a slim, fanless Class II (UL1310) power supply that ensures high reliability in any LED lighting application.

#### FEATURES

Universal AC input (IEC male), fanless, over current/voltage/temperature protection

#### DIMENSIONS

(L x W x H) 200mm x 70.5mm x 35mm,  
7.88" x 2.78" x 1.38"

#### INTERFACE

TX CONNECT Smart Indoor (Power)

#### ACCESSORIES

TX CONNECT Smart Power/Data Injector Box  
**TI.ZI.0000100**

AC-to-IECf plug

**PS.AC.0000100 (EU)**    **PS.AC.0000400 (AU)**  
**PS.AC.0000200 (US)**    **PS.AC.0000500 (JP)**  
**PS.AC.0000300 (UK)**

### LED ENGINE XB-SD



LED Engine XB-SD  
**PX.IC.5060100(1W/K2-216 220V)/PX.IC.5060200(1W/K2-216 110V)**  
**PX.IC.5030100(3W/K2-108 220V)/PX.IC.5030200(3W/K2-108 110V)**

LED Engine XB-SD Rackmount  
**PX.ID.5120100(1W/K2-432 220V)/PX.ID.5120200(1W/K2-432 110V)**  
**PX.ID.5060100(3W/K2-216 220V)/PX.ID.5060200(3W/K2-216 110V)**

The LED Engine XB-SD is a six-mode operated LED controller for up to 18 DMX channels on 6 outputs for K2-700mA luminaires and 36 DMX channels on 18 outputs for 1W or K2-350mA luminaires. The fully integrated power supply makes the LED Engine XB-SD an all-round control terminal enabling simple power control, for plug and play installations of the entire XB Luminaires product range. LED Engine XB-SD can run in Standalone or Master/Slave mode and is controlled via a dedicated on-board LCD panel with 10 operation buttons or externally via DMX512 and the Traxon Micro Server controller. With a built-in FX engine, the LED Engine XB-SD allows for a large variety of pre-programmed as well as user-defined shows in Standalone mode or interconnected in Master-Slave configuration. FLICKER FREE Technology ensures smooth and seamless dimming curves on all connected XB fixtures. The advanced versions of the LED Engine XB-SD are available with a 19" rack mounting option.

#### FEATURES

Standalone Controller FX Engine, Data In/Out, Master/Slave modes, Auto-Addressing, Power back from DMX-in port for TX Controller

#### DIMENSIONS

LED ENGINE XB-SD 1W-216, LED ENGINE XB 3W-108:  
(L x W x H) 210mm x 80mm x 320mm,  
8.26" x 3.2" x 12.6"

LED ENGINE XB Rackmount 1W-432, LED ENGINE XB 3W-216:  
(L x W x H) 480mm x 88mm x 299mm,  
18.89" x 3.45" x 11.76"

#### INTERFACE

TX CONNECT Data (DMX) with power back to DMX controller, TX CONNECT XB

#### ACCESSORIES

AC-to-IECf plug

**PS.AC.0000100 (EU)**    **PS.AC.0000400 (AU)**  
**PS.AC.0000200 (US)**    **PS.AC.0000500 (JP)**  
**PS.AC.0000300 (UK)**



LED Engine XB Mini  
**AC-XB-00101 (1W-36 220V)/AC-XB-00000 (1W-36 110V)**  
**AC-XB-00102 (3W/K2-36 220V)/AC-XB-00000 (3W/K2-36 110V)**

The LED Engine XB Mini is a compact Standalone/DMX controller and power supply, enabling plug 'n' play installations for up to 36 LEDs, ideal for Spot XB installations or secluded areas. LED Engine XB Mini offers a selection of pre-programmed lighting schemes and steady lighting states in Standalone mode or can be driven by DMX512 and Traxon Micro Server controller.

#### FEATURES

Simple Standalone Controller mode, Data In/Out

#### DIMENSIONS

(L x W x H) 81mm x 46mm x 127mm,  
3.9" x 1.8" x 5.0"

#### INTERFACE

AC-to-IECf plug

**PS.AC.0000100 (EU)**    **PS.AC.0000400 (AU)**  
**PS.AC.0000200 (US)**    **PS.AC.0000500 (JP)**  
**PS.AC.0000300 (UK)**

## TX CONNECT

### TX CONNECT SMART

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TX CONNECT Smart Power/Data Injector Box  
**TI.ZI.0000100**



TX CONNECT Smart Interconnection Cable  
**TI.IC.0008000 (8cm / 3.15")**  
**TI.IC.0030000 (30cm / 11.82")**  
**TI.IC.0060000 (60cm / 23.64")**



TX CONNECT Smart Outdoor Power/Data Injector Box  
**TE.ZI.0000100**



TX CONNECT Smart Outdoor Interconnection Cable  
**TE.IC.0500000 (5m / 16.4ft)**  
**TE.IC.1500000 (15m / 49.2ft)**  
**TE.IC.3000000 (30m / 98.4ft)**



TX CONNECT Smart Data Extractor Box  
**TI.DO.0000100**



TX CONNECT Smart Extension Cable  
**TI.EC.0050000 (0.5m / 1.64ft)**  
**TI.EC.0100000 (1m / 3.28ft)**  
**TI.EC.0300000 (3m / 9.84ft)**  
**TI.EC.0500000 (5m / 16.4ft)**  
**TI.EC.1000000 (10m / 32.8ft)**



TX CONNECT Smart Addresser Box  
**TI.AC.0000100**



TX CONNECT Smart Indoor/Outdoor Bridge Cable  
**TE.AC.0000100 (5m / 16.4ft)**

### TX CONNECT XB

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TX CONNECT XB Splitter  
**XI.AC.0200200**



TX CONNECT XB Interconnection Cable  
**XI.IC.1000000 (10m / 32.8ft)**  
**XI.IC.2000000 (20m / 65.6ft)**



TX CONNECT XB Coupler  
**XI.AC.0200100**



TX CONNECT XB Outdoor Interconnection Sleeve  
**XE.AC.0200000**

### TX CONNECT DATA

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TX CONNECT Data Booster/Splitter  
**DI.AC.0200100**



TX CONNECT Data Cable  
**DI.IC.0020000 (0.2m / 0.65ft)**  
**DI.IC.0100000 (1m / 3.28ft)**  
**DI.IC.0300000 (3m / 9.84ft)**  
**DI.IC.0500000 (5m / 16.4ft)**  
**DI.IC.1000000 (10m / 32.8ft)**  
**DI.IC.2000000 (20m / 65.6ft)**



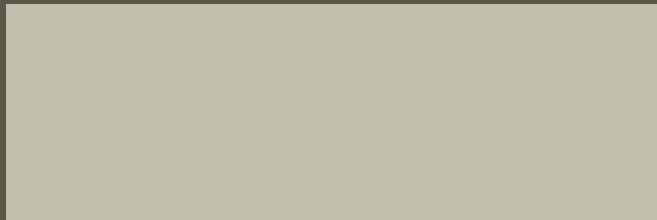
Ethernet Switch  
**DI.AC.0200200 (8 port)**  
**DI.AC.0200300 (24 port)**  
**DI.AC.0200400 (48 port)**



TX CONNECT Data Outdoor Cable  
**DE.IC.0030000 (0.3m / 0.99ft)**  
**DE.IC.0300000 (3m / 9.84ft)**

## TRAXON WORLDWIDE

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