

# Product Portfolio 2023





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My mission is to expand our existing capabilities and gear the brand to become a global leader in manufacturing innovative lighting systems that seamlessly blend into the architectural structure of a project, while using state-of-the-art technologies that beautify large-scale areas and cater to a more sustainable, efficient use of resources.

Jack Chong CEO



# About

Traxon (based in Hong Kong) together with its light management platform brand, e:cue (based in Paderborn, Germany), is a global leader in dynamic lighting.

Traxon e:cue is a global leader in dynamic lighting and control systems. We provide innovative, performance-driven, and intelligent lighting solutions. With an expansive portfolio, our solutions allow lighting designers to elevate architecture, entertainment, hospitality, and retail environments, worldwide. At Traxon e:cue, we possess a unique strength in our team and experience, allowing us to specialize in the complete solution to deliver unforgettable multidimensional, dynamic lighting and control installations. With a portfolio of projects spanning the globe, as well as a continued focus on developing the next generations of lighting and control solutions, we are committed to our partners and customer base to turn creative visions into bold, beautiful lighting experiences.

e:cue provides all the necessary tools to orchestrate any kind of project, from controlling a single room installation up to managing an entire city-wide lighting infrastructure using one central platform. We are looking forward to be with you through your lighting journey.

**OUR MISSION** 

Delivering sustainable beauty through light.

**OUR VISION** 

Illuminating a world of new possibilities.



TRAXON TRAXON

# Accent

# Product Optic Key Features 120° DMX - 4 Channel control HO-6 24 LED / 329lm: ±90° Tilt Adjustment 304mm\*39mm\*50mm Multi pixel version available HO-12 48 LED / 619lm: 609mm\*39mm\*50mm HO-18 72 LED / 978lm: 913mm\*39mm\*50mm NOCOR DAK 512 120° Diffused Long daisy chain connectivity flat lens DMX controllable in 300mm sections or per luminaire Narrow: 46.5mm\*59.5mm\*L Factory customisable pixel pitch IK08 Wide: 75mm\*66mm\*L (Narrow) or IK07 (Wide) / ANSI C136.31 / 3G Vibration Rating Available in three different housing finishes: grey, white, black

# Accent



### Product

# Flat: 146\*80\*120 mm Diffused Dome: 146\*123\*120 mm Diffused Drum: 146\*117\*120 mm Diffused Prism: 146\*113\*120 mm

### Optic Key Features

Flat Clear 20W output up to 678 lumens Flat Diff. Available in 3 Standard Finishes: Traxon Grey, Black, & White 5 Optic Choices

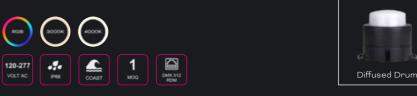


Diffused Dome











Dome

Drum

Prism

Available in 3 Standard Finishes: Traxon Grey, Black, White Available in 3 Wattage Outputs: 9W, 15W, 24W





Small: 153\*122\*106 mm (9W) Medium: 191\*123\*105 mm (15W) Large: 237\*145\*110 mm (24W)





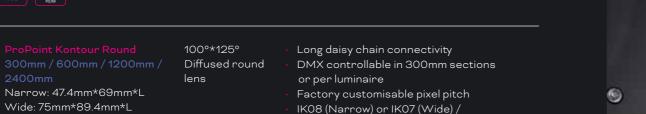












grey, white, black

ANSI C136.31 / 3G Vibration Rating Available in three different housing finishes:











# High Power Flood



# Product

# Optic

### Key Features

1x100W: 649\*286.8\*144mm 2x100W: 686\*483\*144mm 80° | 50°\*5° | 50°\*10° 3x100W: 694\*710\*144mm

3° (Standard) | 5° | 8° | 10° 15° | 20° | 30° | 40° | 55° Via field installed Spread

- Available in a native 3° optic
- Available in 3 Standard Finishes: Traxon Grey, Black, & White
- Optional accessories include: full glare shield, half glare shield, rock guard and pole mounts
- 11 light shaping optics are available via a field installable spread lens module









RGBW 3000K 4000K

RGBW 3000K 4000K

1x200W: 680\*352\*174mm 2x200W: 738\*634\*174mm 80° | 50°\*5° | 50°\*10°

3° (Standard) | 5° | 8° | 10° 15° | 20° | 30° | 40° | 55° Via field installed Spread

- Available in a native 3° optic
- Available in 3 Standard Finishes: Traxon Grey, Black, & White
- Optional accessories include: full glare shield, half glare shield, rock guard and pole mounts
- 11 light shaping optics are available via a field installable spread lens module





# Linear



### Product

300 12 LED: 320\*50\*86 mm 600 24 LED: 615\*50\*86 mm 900 36 LED: 915\*50\*86 mm 1200 48 LED: 1215\*50\*86 mm Key Features

- DynaMood® Technologies
- Active temperature monitoring
- Remote Device Management for full control
- Easy daisy-chain IN/OUT connectors









RGBW 2200K 3000K 4000K

















300: 300\*58\*90mm 1200: 1200\*58\*90mm

Optic

10° | 40° |

60°\*10°

60°\*30°

15° | 25° | 35° 50°\*30°

Two output powers: SO - Standard Output 8W/300mm, HO - High Output 12W/300mm

Mixed at source LED cluster











Mini: 300/500/1000mm Midi: 300/500/1000mm Maxi: 300/500/1000mm Power: 300/500/1000mm

- Compact size (Power, Maxi)
- Slim size (Midi, Mini)
- Dedicated optic design
- Even washing effect
- Optimized color mixing (Power, Maxi, Midi) Quick installation and reliable connection
- by self-locking
- water-proof connectors
- ON/OFF or DMX



























The Traxon Washer Pro is a state-of-the-art family of architectural Washers designed with sustainability at its core. With the smallest footprint, using less raw materials, fewer LEDs and delivering more light from less power! Our unique sculpted housing is designed to shed dirt, pollution and water and includes the option to add fully integrated accessories without compromising the design aesthetic. With our 4in1 RGBW LED engine you can expect whiter whites and more saturated colours.

### **Colour Options**













### **Finish Options**



RAL 7005







### **Beam Options**

8° | 10° | 15° | 20° | 30° | 45° | 60° SL | 60° x10° SL

# Key Features

- DMX RDM Controlled
- IP 66 Coastal Rated
- IK 10
- DynaMood Dynamic Boost
- Five sizes

# **Certifications & Approbations**

CELETL

# Nano 10W Mini 60W Midi 100W Maxi 150W

# Washer



### Product

Nano 98\*141\*113mm Micro 158\*232\*164mm Mini 230\*256\*164mm Midi 262\*316\*202mm Maxi 315\*375\*312mm

Optic

8° | 10° | 15° | 20° | 30° 45° | 60° (Spread Lens) 60°\*10° (Spread Lens)

Key Features











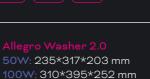


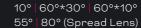




150W: 392\*476\*264 mm

200W: 392\*476\*264 mm





- DynaMood® Technologies
- Active temperature monitoring
- Remote Device Management for full control
- 5° native optic for long throw applications
- Easy daisy-chain IN/OUT connectors

































20W: 161\*130\*197 mm 40W: 222\*165\*254 mm 80W: 257\*220\*330 mm 120W: 315\*288\*433 mm 180W: 315\*288\*433 mm 8° | 15° | 25° | 35°

- Connected using a daisy chain topology, allowing easy installation to form long runs Available in 3 standard finishes Grey, Black & White
- Optics provide superior glare control/glare cut-off























# TRAXON

# Washer



### Product

### Optic

### Key Features

Micro 185\*180\*118mm Mini 219\*253\*215mm Midi 269\*303\*251mm Maxi 308\*349\*292mm 12° | 25° | 30° 45° | 60° | 5°\*20°

- Four sizes, Micro 25W, Mini 50W, Midi 100W, Maxi 150W
- Efficacy up to 56lm/W
- DMX and On/Off options
- Premium OSRAM emitters
- Robust housing design with high IP and IK Ratings























200\*219\*262mm 275\*297\*349mm L 150 W: 348\*354\*426mm XL 180 W: 398\*415\*475mm

10° | 15° | 30° 60°

- Quick installation and reliable connection by self-locking waterproof connectors
- Versatile power range 9W 180W
- Precise optics control

Auto Addressing

- RGBW for fine-tuned color
- XS/S24VDC
- M/L/XL230VAC













The Traxon Washer Go is an easy, affordable way to wash walls, buildings, monuments - anywhere you can imagine! Washer Go's high-value design features efficient electrical and optical systems, and with high efficiency 56lm/W for RGBW you can expect a powerful, colourful wash effect.

### Beam Options

12° | 25° | 30° | 45° | 60° | 55°x20°

## Colour Options







### Key Features

- DMX Controlled
- Flexible Mounting capability
- IP 66 Coastal Rated
- IK 07
  - ANSI 3G Vibration Rating
- Four sizes Micro / Nano / Midi / Maxi

Certifications & Approbations

CE | ETL







Maxi 150W



Maxi 150W



Maxi 150W



Maxi 150W

TRAXON TRAXON

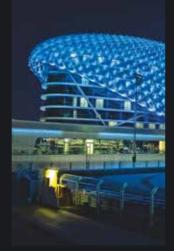
# Media Dot Applications

















# Media Dots



# Product

# S: Direct View Ø53\*42\*18mm M: Direct View Ø60\*68\*17mm

- L: Direct View Ø60\*68\*17mm S: Diffused Dome Ø53\*42\*27mm
- 135° M: Diffused Dome Ø60\*68\*39mm
- L: Diffused Dome Ø60\*68\*39mm

- Key Features
- Variable pixel pitch and number of dots per string
- Up to 4m pixel pitch
- Maximum 80 dots per string
- Two different versions: clear or diffused
- Auto addressing
- Easy installation and maintenance
- Real-time Status and temperature information

























Direct View 15.6\*41\*10.6mm Diffused Dome 15.6\*41\*20.7mm 115°

Optic

100°

110°

110°

Four mounting options, Mesh Grid, Vertical Wire,

Din Rail, Surface

- Up to 640 Pixels per system
- Up to 80 pixels per string
- e:net controlled using the Pixel Distributor Pro (PDP-8)
- Variable pixel pitch and number of dots per string





















# Media Dots



Product

S Direct View 44.7\*34.1\*13.5mm S Diffused Dome 44.7\*34.1\*22.3mm 160° M Direct View 53.1\*43.7\*14.5mm M Diffused Dome 3.1\*43.7\*29.5mm 160° L Direct View 63.1\*54\*14.5mm L Diffused Dome 63.1\*54\*29.9mm

Optic



- DMX Controlled, Addressed with TX Smart Addresser
- Flexible mounting
- Three sizes Small, Medium, Large
- Direct View and Diffused Dome















S Direct View: Ø53\*43\*18mm M Direct View: Ø60\*68\*14mm 110° L Direct View: Ø70.7\*55\*14mm S Diffused Dome: Ø53\*43\*27mm M Diffused Dome: Ø67.7\*52\*14mm L Diffused Dome: Ø70.7\*55\*14mm

- Fully customizable, IP66
- Variable pixel pitch and number of dots per string
- Up to 2 m pixel pitch
- Maximum 80 dots per string
- One-click auto addressing via e:cue control system
- Cost-effective solution for large scale installation





S Direct View







DMX 512

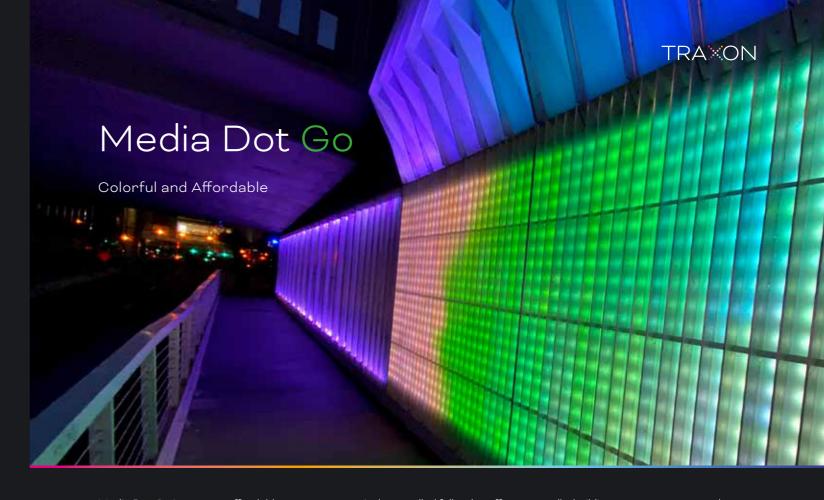












Media Dot Go is an easy, affordable way to create pixel controlled full-color effects on walls, buildings, monuments—anywhere you can imagine. Long strings of individually controlled Dots produce bright color-changing effects, messages, or even video! 3 dot sizes mean you control the impact: long-distance viewing, creating a digital sign, or backlighting a wall can be done indoors or outdoors. Mounting ease & flexibility is guaranteed, whether directly to surface by screws, cable ties, clips or with Traxon's Mesh Mounting System.

# Colour Options







Lens Options

Clear Lens, Diffused Dome

**Custom Options** 

Pixel Pitch, Number of dots per string

## Key Features

- DMX Controlled
- Flexible Mounting capability
- IP 66 Coastal Rated
- Three sizes S / M / L

Certifications & Approbations

White Standard, Grey - On request, Black - On request

Certifications & Approbations

CE | ETL



# Media Tube Plus Create vibrant and dynamic content with our newest and brightest media façade solution.

# Key Features

- Full color RGBW (6500K) & RGB for precise color changing Full color RGB, Full Color RGB + 6,500k White
- Designed with long run lengths in mind
- Configurable control segments for flexible installation
- Controlled via DMX512 and e:pix
- 33.3mm Pixel Pitch
- 4.5W per 300mm RGBW
- IP66 and suitable for Coastal Environments
- IK09 (Diffused) or IK06 (Clear) Impact Ratings
- ANSI C136.31 / 3G Vibration Rating
- Input Voltage: 48vDC
- Max Connection Chain 17M RGBW, 22.6M RGB tubes

### Color Options

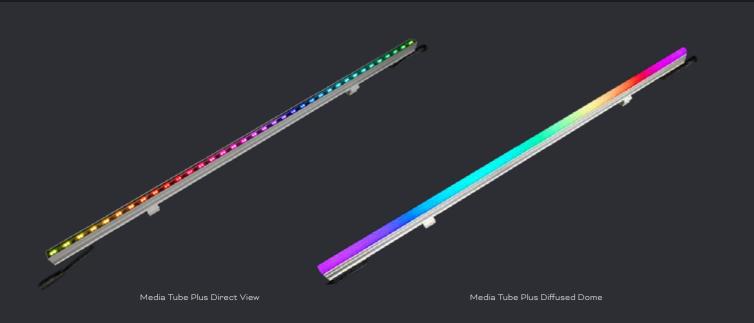
## Length Options

296mm | 596mm | 896mm | 1196mm | 1496mm

120° Direct View | 100°\*125° Diffused Dome

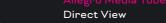
### Finish Options

Sliver



# Media Tubes

# Product Optic Key Features Direct View 110° 25mm Pixel Pitch / 25MM LED 12PXL: 296\*23\*36mm Diffused Dome 175° 24PXL: 596\*23\*36mm Customisable pixel pitch (Consult 36PXL: 896\*23\*36mm sales for more information) 48PXL: 1196\*23\*36mm Consistant colour regardless of 60PXL: 1496\*23\*36mm audience's viewing angle and orientation +White intelligent algorithm, control RGBW pixels with 3 Daisy chain topology 33mm Pixel Pitch / 33mm LED Direct View 110° 9PXL 296\*63\*24.5mm Diffused Dome 180° Pitch 18PXL 596\*63\*24.5mm 17M Chain 27PXL 896\*63\*24.5mm Customisable pixel pitch (Consult 36PXL 1196\*63\*24.5mm sales for more information) 45PXL 1496\*63\*24.5mm



3PXL 300\*24\*26mm 5PXL 500\*24\*26mm 10PXL 1000\*24\*26mm 13PXL 1300\*24\*26mm

Diffused Dome

3PXL 300\*24\*40mm 5PXL 500\*24\*40mm 10PXL 1000\*24\*40mm 13PXL 1300\*24\*40mm Direct View 110° Diffused Dome 175°

- 100mm pixel pitch / 16.7mm LED pitch Slim profile 24mm and available
- in 3 different lengths Long daisy chain 12M RGBW /
- 17M RGB/DW
- DMX Addressed with TX Smart Addresser



3PXL 370\*56.5\*25mm 10PXL 1210\*56.5\*25mm 20PXL 2410\*56.5\*25mm Direct View 120° Diffused Dome 110°\*170°

- 121mm Pixel Pitch / 20mm LED Pitch
- IK08
- DMX Addressed with TX Smart Addresser
- 5M Chain

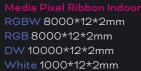


# Media Flexible



### Product

# Key Features



Direct View 120°

- CRI for White LED >80 CRI
- 10 Pixels per meter
- 100mm Pixel pitch
- Flexible media























RGBW 8000mm RGB 8000mm DW 10000mm White 10000mm Flat Diffused Horizontal Bend Vertical Bend

4 Options Flat Clear, Flat Diffused, Horizontal Bend and Vertical Bend 100mm Pixel Pitch Flexible Media



















ProPoint Kontour Rhythm RGBW 64PXL

- Omni Bendable 76mm Pixel Pitch
- Customisable length
- Customisable cable input/output
- Customisable side/bottom/ back cable entry
- White LED SDCM 3

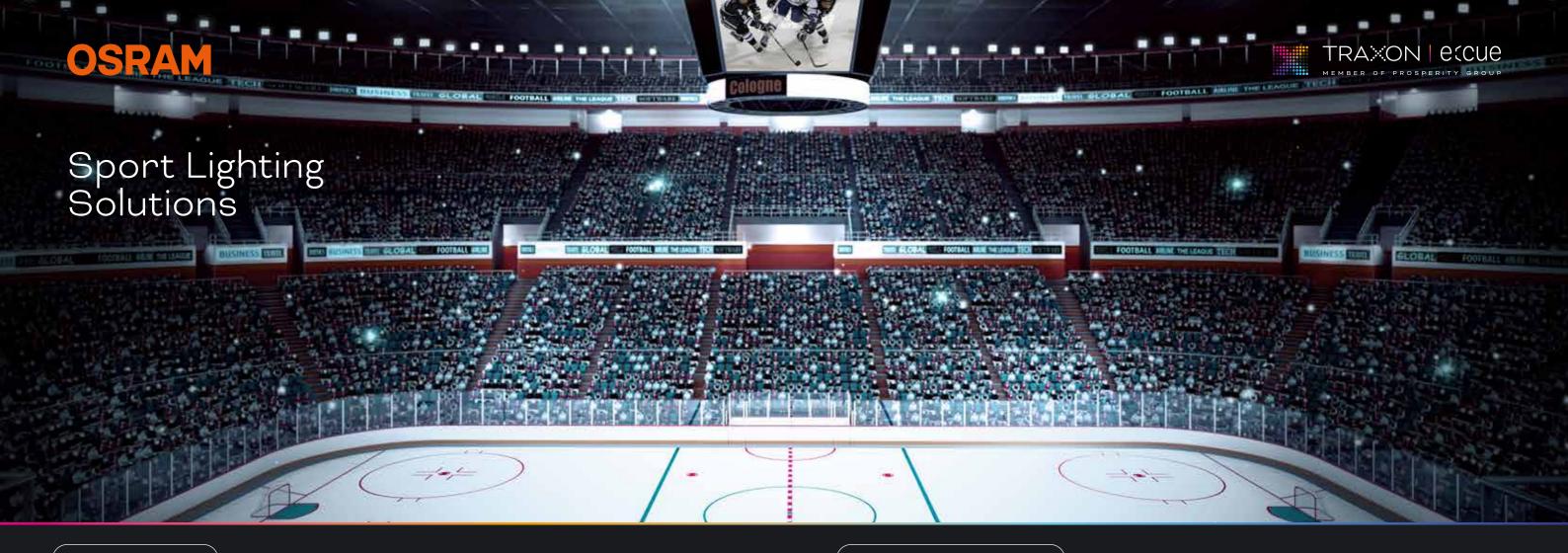












PURSOS SHP V3 FAMILY

# General Edition



400W / 500W / 600W Integrated Driver



800W / 1000W / 2000W Integrated Driver



Remote Driver



# Support HDTV broadcasting standard

- · Flicker free & choices of CRI 70, CRI 80, CRI 90
- · Variety lighting distributions
- · Additional visors for better glare control
- · Compact size and light weight
- · Special effects and light shows

### High reliability

- · General Edition L70-50000 @Ta30°C
- · Premium Edition L80-50000 @Ta30°C
- · Robust aluminum body
- · High protection level IP66 & IK10
- · Independent surge protector



800W / 1000W / 2000W



1500W / 1600W / 1800W Remote Driver

### Intelligent control

- · General Edition > On/OFF
- · Premium Edition > DMX RDM, DALI2
- · Provide lighting control with e:cue lighting management system

### PURSOS SHP V3 PREMIUM EDITION









Aluminium with Carbon Steel Bracket

UNB 9° | NB 15° | MB 30° | UWB 60° ASY 132° x 16°

L 488mm x H 312mm x W 800mm Weight 30kg

### PURSOS® SHP V3.1 Flood Light Premium Edition is an

innovative stadium lighting solution supporting the latest TV broadcasting standards. A well-designed forged pure aluminium heatsink offers a better heat dissipation efficiency but remaining a high light efficiency with up to 9 types of light distribution. The flexible electrical gear box design can be separately fixed in the appropriate position or be integrated into the bracket. It also provides DMX / RDM control interface and DALI and 0-10V dimming.

DMX RDM / DALI

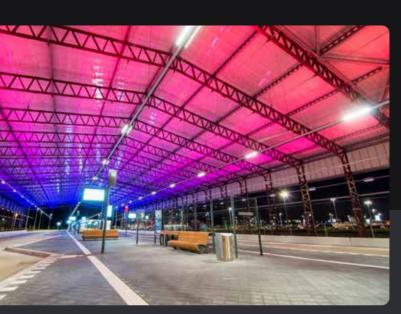
220-400V AC

IP66 | IK10

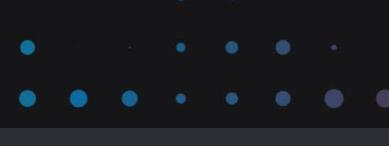


# Your Light. Our passion.

Intelligent light management systems for dynamic, media and general lighting control.



COLORFUL ILLUMINATION CONTROL





During all project phases we offer consulting, trainings and technical support. If needed, we develop customized products such as software features or hardware adjustments tailored for your project.

### SCALABLE AND RELIABLE

Scalable from a single room installation up to managing entire city-wide lighting infrastructure using one central platform.



DYNAMIC MEDIA

## GENERAL LIGHTING



# EXPERIENCE

For more than 20 years excue stands for trust, experience and customer loyalty like no other brand.

# GLOBAL NETWORK OF PARTNER

Together with our global distribution and partner network we master any challenging lighting control project.

# eccue LIGHTDRIVE+ WiFi The stylish all-rounder for small to medium-sized projects

The new LIGHTDRIVE+ WiFi standalone DMX controller with its integrated wireless connectivity and App management, lifts the control of small to medium sized projects on a completely new level.

# PRODUCT HIGHLIGHTS

- · Easy and fast commission via APP (free of charge)
- · All control features combined in a single device
- · For monochrome, dynamic white, RGB and RGBW fixtures
- · Two DMX outputs, divided in 3 zones
- · 8 scenes in each of the 3 predefined zones
- · Integrated scheduler for time trigger
- · Pre-defined FX effects
- · Integrated proximity sensor
- · 2 low-side switches and 2 dry inputs for integration into 3<sup>rd</sup> party systems

# FEATURES & BENEFITS



Standalone wall mount



Built-in scheduler



Connection via WiFi



Commissioning via App



Parent-Child-Mode (Device sync over Ethernet)





Dynamic White





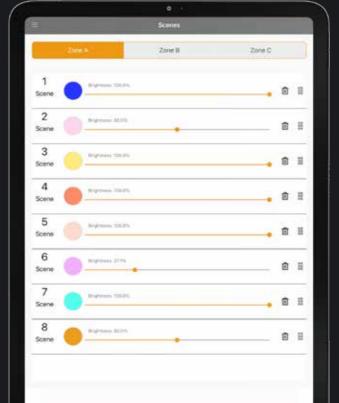


Built-in FX effects

2x low-side switches









LIGHTDRIVE+ WIFI APP

· Commissioning only

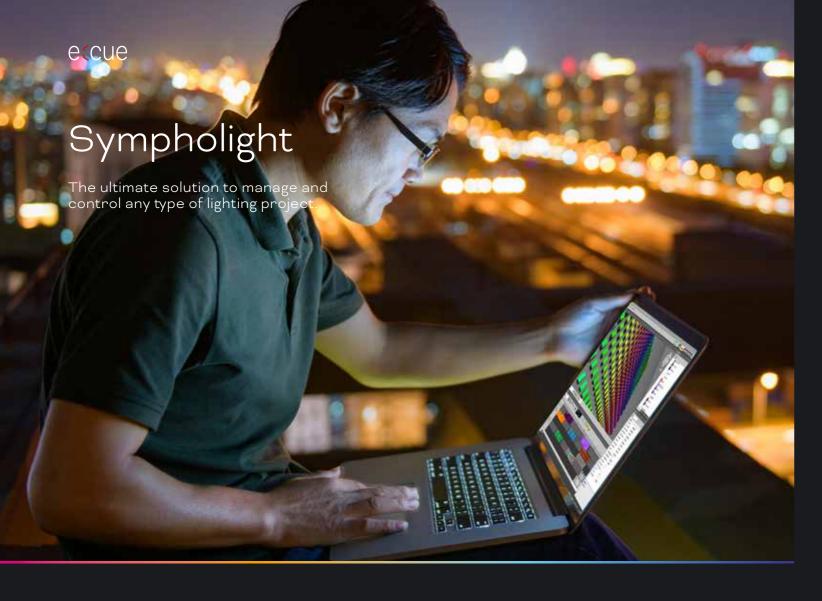






30

cue



e:cue Sympholight is a software that offers flexible and scalable solutions for various project requirements.

Traxon e:cue combines many years of experience in lighting control with the latest technology and extensive design possibilities. Sympholight simplifies the programming and handling of lighting applications for designers, system

### COLORFUL ILLUMINATION CTRL.

integrators and end users.



Select pre-built effects from the library or create your own powerful effects. Create stunning layered effects with multiple blend modes.

### DYNAMIC MEDIA CONTROL



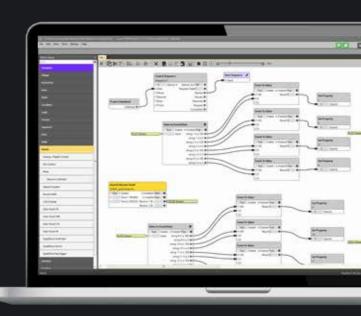
Drag & Drop, Fade in & out, create cues and jump within trigger points.
Create and manage content on the timeline.

### GENERAL LIGHTING CONTROL



Easy handling of DALI, both DT6 and DT8. DT8. Single color, DW, RGB, RGBW. DALI version 2 devices (input devices and ballasts) are certainly supported as well!

The visual programming in the Workflow Designer allows infinite possibilities to create intelligent logical systems. It is the most efficient way to connect everything to anything. The API opens a standard way to communicate with third party systems. Networking via an API allows the 3<sup>rd</sup> party system to start, stop, monitor changes, display warnings, or make changes to the content in one or more instances, among many other things.







Endless interfacing options



One Software fits all

# SUPPORTED PROTOCOLS & INTERFACES

DMX512	RDM	E-Mail	e:net	e:pix	IR
HTTP(s)	REST	Analog/Digital	Relais	KNX	MQTT
DALI	RDMnet	PIXEL (SPI)	Art-Net	Modbus	e:bus
RS485	RS232	DALI2	sACN	UDP	BACnet



# Symphocity

The web-based platform for simple remote access to your Sympholight project.

Symphocity provides a comprehensive platform, that gives you control and monitoring capabilities across all your lighting systems and their lighting infrastructure. The Status Overview system allows facility managers to gain access to an intuitive overview of the performance and status of the city lighting infrastructure. This allows predictive maintenance before problems occur. The show must go on, and you are in control!



No cloud and safe in your IT infrastructure. No subscription!



Customized interfaces. Simply in the browser!

• Maintenance team

· Building owner

· Marketing



Manage one or multiple sites with different access levels. No permanent connection required!





# SYSTEM & CONTROLLER

- · Manage Sympholight Systems
- · Observe connected output devices
- · Direct access to various webUi's



### FIXTURE OVERVIEW

- · Monitor (RDM) fixture status
- · Detect damaged fixtures
- Detect irregularities



# CONTENT MANAGEMENT

- · Direct access to all light sequences
- · Stop All and Grandmaster functionality
- · Central control of multiple Sympholights
- · Direct access to colors and effects



# SCHEDULE CONTENT

- · Schedule start and end-date of content
- · Support for single and multisite projects
- · One-time or recurring events

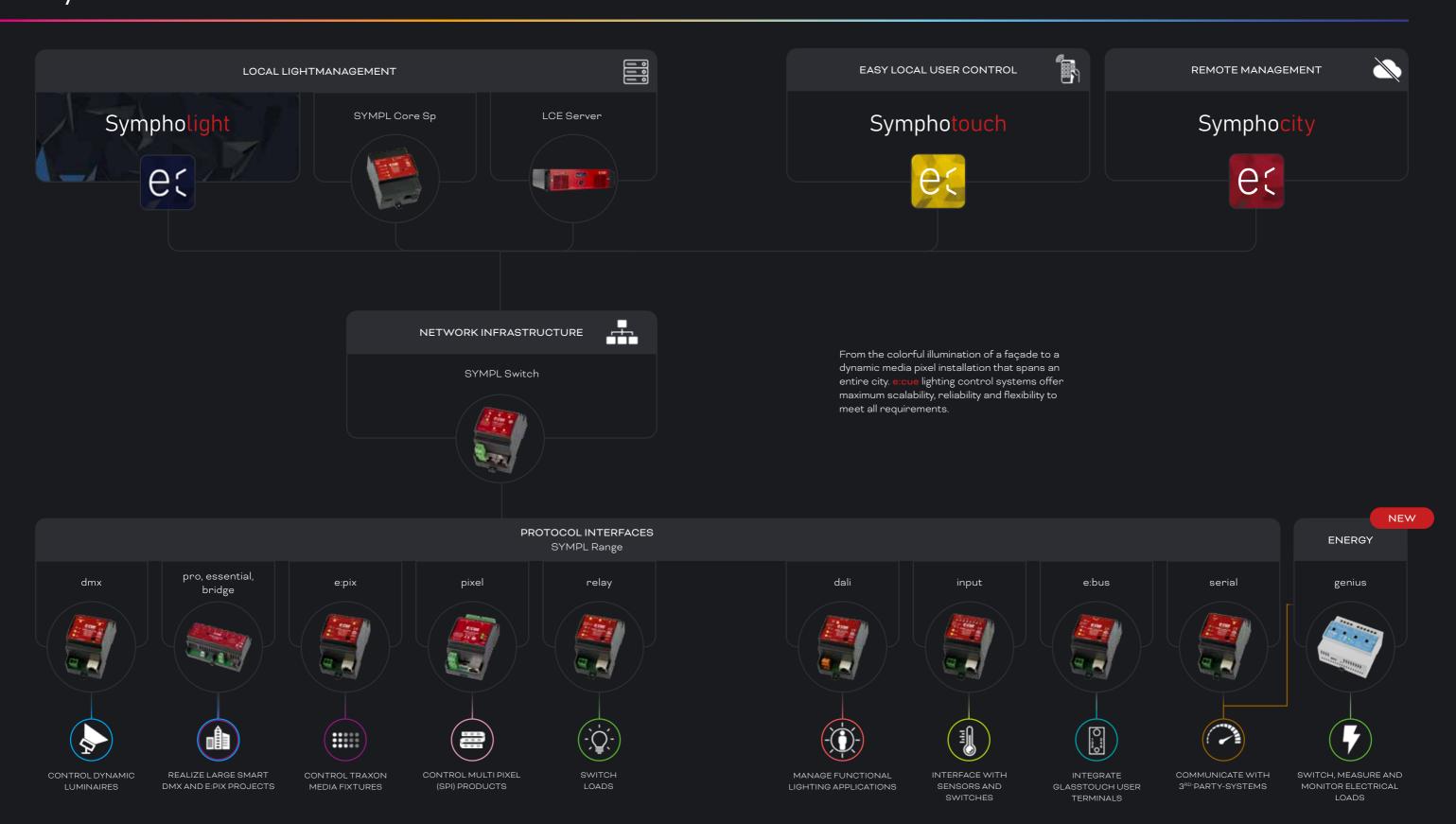


### GENIUS ENERGY MANAGEMENT

- · Energy data live or compare with historical data
- $\cdot$  Toggle power measure and compare
- · Detect irregularities

ecue ecue

# System



ecue ecue

# Server

Perfectly harmonized hardware makes our software a highly reliable solution. Our servers guarantee the perfect mix of performance, reliability Warranty period of 5 years!





Highclass components



Reliability for 24/7 operation



Certified and 5 years warranty

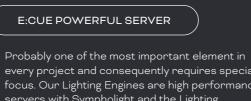


Optimized for the e:cue system



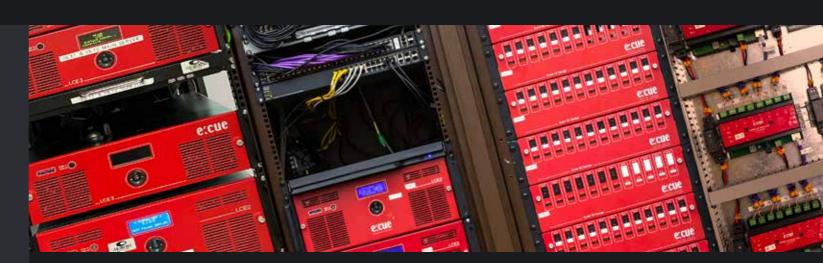


Our systems are provided with Sympholight and LAS license by default. These can be upgraded via credits to include open DMX protocols such as Art-Net & sACN per universe. Additional features like single Symphocity boards can be easily upgraded via feature licenses.



every project and consequently requires special focus. Our Lighting Engines are high performance servers with Sympholight and the Lighting Application Suite (LAS) pre-installed, designed to control small to large and complex projects, 24 hours a day, 365 days a year, without interruption. As the central control unit, servers orchestrate all devices and interfaces within a project, providing maximum bandwidth to cover all project requirements - of course flexible and fully scalable.





<sup>1)</sup> Based on project measurements with either DALI or DMX fixtures, not mixed (e.g. 5000 RGB pixel OR 256 DALI ballast). A medium complex Sympholight workflow layout with rare real time calculations (e.g. sensor measurement data) utilizing e:cue output devices like SYMPL or Butler range. Max 2 running video sequences in parallel. Note: High complex shows files with many parallel running sequences/cue lists and complex workflows, triggers, logic and scripting scenarios may reduce the quantity of output channel and devices. Please contact your e:cue partner for more details and additional server configurations. We are happy to assist you in choosing the best solution for your project.





OND -+ OND -+ OND -+ OND -+ OND -+ OND -+

COMMAND

COMMA

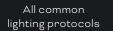
NEW

The new SYMPL essential2 Node smart DMX controller for state-of-the-art lighting control projects has been specifically designed with tough outdoor environments in mind.

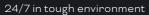
PRODUCT HIGHLIGHTS

- · 8 ports DMX512/FastDMX
- High operating temperature:
   -30 ... 60 °C
- · Surge protection (DMX side)
- · Isolated DMX outputs
- · Test mode via button and web interface
- DMX Chip support e.g. UCS, SUNMOON and many more











5 years warranty



Easy to commission

	Protocol	Ports	Channels	Applications
<b>SYMPL dmx</b> AB444180035	DMX/RDM	2	1024	Control any type of DMX512 or RDM based luminaire
SYMPL e:pix AB443930035	e:pix	2	4096	Control all Traxon e:pix based luminaires
SYMPL pixel AM390290035	asynchronous & synchronous	2	4096	Control multi pixel (SPI) products, e.g. LED Tapes etc.
SYMPL dali AB444230035	DALI	1	64	Control and interact with DALI Devices
SYMPL input AB444200035	analog & digital	8		Interfacing with analogue inputs or digital I/O's
SYMPL serial AB444220035	RS232 & RS485	1		Communicate with 3 <sup>rd</sup> party systems
SYMPL relay AB444190035		3		Load switching
SYMPL e:bus AB444210035	e:bus	1	8	integrate GlassTouch user terminals
SYMPL Switch AM313830035	Ethernet	5		Distribute e:net or other ethernet bases signals

- · Flex. mounting onto 35 mm DIN rails or vertical surfaces
- · Simple and easy integration into e:cue Sympholight
- · Separate webinterface for configuration
- · Integrated Testmode
- · See page 50-53 for all technical details

	Protocol	Ports	Channels	Applications
<b>SYMPL pro</b> AM255360031 (DMX) AM305690031 (e:pix)	DMX512/RDM or e:pix	8	4096 / 16384	For use in extreme environments with surge protection & isolated outputs
SYMPL essential2 AM466930031	DMX or FastDMX	8	4096 / 8192	Featering fast support for fast DMX chips such as UCS, SUNMOON etc.
SYMPL bridge AM356970031	DMX or e:pix	8	4096 / 16384	Converts e:net, Art-Net, sACN to DMX512 or e:pix

- · Flex. mounting onto 35 mm DIN rails or vertical surfaces
- $\cdot\;$  Simple and easy integration into e:cue Sympholight
- · Separate webinterface for configuration
- · Integrated Testmode
- See page 50-53 for all technical details



# Genius

Our new multifunctional solution for load switching, energy monitoring and power measuring combined in a single device.



Genius 4 Channel

### PRODUCT HIGHLIGHTS

- Real-time Energy monitoring of installations/objects
- · Available with 4 and 8 channels
- Four or eight bistable relay outputs SPST each for up to 20 A resistive load @ 230 V AC
- Measured data: Voltage, current, power (active, apparent, reactive), power factor, energy (active), phase, line frequency, status
- · Connectivity via Modbus RTU / ASCII
- Flexible mounting on 35 mm DIN rails or surfaces



Significantly reduces energy consumption. Energize your System only when needed and protect the equipment

Connected via Modbus RTU



Reduces downtime through fast fault detection - ensure that your project always looks its best .

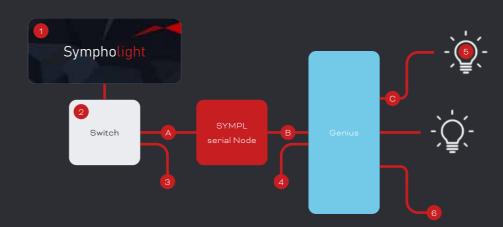


Prevention of failures through early detection increases safety and saves resources



Genius 8 Channel





- A) e:net (ethernet based protocol)
  B) RS-485 wiring (Modbus)
- C) 200 ... 230 V AC / 20 A (resistive)
  1) Software, running on LCE server
  or Core S
- SYMPL Switch or other network switch
- 3) Multiple other SYMPL Node
- 4) Up to 32 Genius devices in Mod bus daisy chain
- 5) Switch / measure load
- 6) Genius 4CH: 4 outputs in total, Genius 8CH: 8 outputs in total

# CONNECT TO SYMPHOCITY

To unleash the full potential of the Genius devices, we recommend the use in combination with our Symphocity Dashboards. This combination allows everyone to easily and intuitively monitor energy consumption live or historically, as well as switch relays on or off. This functionality does not require the installation of an additional control server, but can be implemented on Core S level using Sympholight's integrated web server and time series database

Please see page 34 for more details.





ecue ecue

# Converter

		Protocol	Ports	Features
COP P COP	DMX2DALI+ tba	DMX DALI	8	Coming soon
	<b>Bridge8</b> AM356960031	ArtNet sACN DMX512	8	ArtNet/sACN to DMX512 Interface

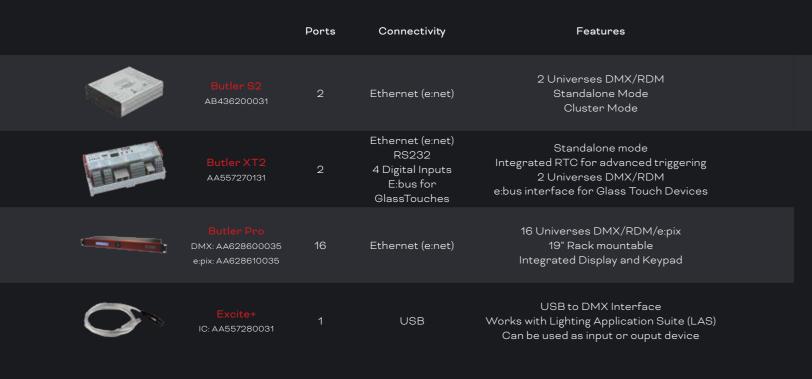


# Dimmer

		Dimming	Protocol	Features
500	DMX2PWM 4CH AM467260055	PWM Constant Voltage	DMX RDM	4 PWM output channels 12 36 V DC PWM frequency 0.5 35kHz RDM functionality
30E	DMX2CC 4CH tba	Constant Current	DMX RDM	Coming soon



# DMX Output Devices



# User Terminals

	Layout	Interface	Features
GlassTouch T6 AA439100138	2 x Dimm Button 4 x Digit Button (Scenes etc.) 1 x On/Off Button	e:bus	6 Touch-sensitive keys One cable for power and data (e:bus) Wall mountable, compatible with standard flush type boxes
GlassTouch T12 AA439070138	2 x Dimm Button 10 x Digit Button (Scenes etc.) 1 x On/Off Button	e:bus	12 Touch-sensitive keys One cable for power and data (e:bus) Wall mountable, compatible with standard flush type boxes





e cue e cue

# Sympholight Gateway's

Almost all data from Sympholight can be exchanged via BACnet/KNX



You are looking for options to connect the e:cue system with a building management system? Our Sympholight Gateway's allow a seamless and easy integration or interfacing with BacNET or KNX systems.

The Gateways convert data from the lighting management system Sympholight into the building management system compliant format. Transfer e.g. movement and brightness information and to process it smartly in the building management system.

# SYMPHOLIGHT CONNECTION



Sympholight 5.3 Work Flow Designer



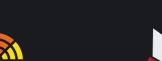








System status



Change and access color values of fixtures

Access Luminaire Data and Status informations



Track Energy Consumption



Access and Change the brightness levels of fixtures

Sequence control in

Sympholight

DALI



Read and process Sensor Data



Support for Master & Backup Systems

# Academy

The key to successful project realization

Training plays a very important role at Traxon e:cue. No matter if you are a beginner or an advanced user, we offer regular software and product trainings. Step by step new users are familiarized to our system. After completion of the training you will be fully prepared and trained for future projects.

If interested just send us an email to trainings@ecue.com or scan the QR Code below for further information and dates.













# Motion, brightness, humidity temperature and other environmental factors.

We offer several ways to

interact with 3rd-party

devices, protocols or

building management

systems.



# Increase productivity and well-being. Improve focus and concentration.



# Always the best lighting conditions around you.



Via dali (DT-8) or any other dynamic lighting fixture controlled out of one single system.



Your desired lighting at the right time.



Smart time scheduling, daylight harvesting and occupancy control.



Real-time control of all parameters changeable at any time. Users can create personalized control interfaces via app or web browser based on their needs.

Automation via Sympholight offers endless possibilities. One system fits all - no difference which type of lighting system needs to be controlled.

We provide lighting control solutions for anything from a simple indoor office installation to the light management of an entire city.

Endless remote-control possibilities with a maximum of design freedom. Fader, buttons, text and any other control features can be customized and orchestrated in no time at all.

OFFICE



INDUSTRY



MUSEUM AND HOSPITALITY



EDUCATION



DALI PUSH BUTTON COUPLER

- · DALI-2 control device that integrates existing push switches into DALI system
- · 4 x DALI-2 push button instances are available for an easy integration
- $\cdot\;$  Suitable for integration and in combination with DALI-2 compliant central control units
- · Multimaster capable, multiple modules can be installed on the DALI line
- · IC: AM466330055



eccue

# Technical Data

Product	Key Features	Specs
SYMPL Core S & Sp Stand-alone engine for e:cue Sympholight with SYMPL Nodes functioning as interfaces IC Core S: AB447060035 IC Core Sp: AM430280035	<ul> <li>Sympholight engine for small to medium-sized projects</li> <li>Connections to SYMPL Nodes via Ethernet (scalable)</li> <li>Sympholight ActionPad as user interface utilizing all standard web browsers</li> <li>Micro SD card for storage of show files and content</li> <li>Power over Ethernet (only SYMPL Core Sp)</li> <li>Webinterface for configuration and monitoring</li> </ul>	Max. Performance Dynamic:  Up to 5.000 RGBW or RGB Pixel with Sympholight Max. Performance DALI:  256 Ballast 64 Dali Groups (Virtual)  42 Dali Button
Lighting Control Engine 3 19" rack-mountable high performance control server for any demanding Project guarantee uninterrupted operation IC: AM368100035	<ul> <li>Software licences for e:cue's Sympholight and Programmer, pre installed</li> <li>High quality industrial components for reliable uninterrupted and efficient 24/7 operation</li> <li>2x SSD hard disk drive in RAID 1 operation for increased system stability</li> <li>Integrated dry contact inputs (6x) and relay outputs (2x)</li> <li>LC display and cursor keys for status messages</li> <li>19" rack-mountable (3U)</li> </ul>	Max. Performance Dynamic: 3.000.000 RGBW or RGB Pixel with Sympholight 10.000 RGBW or RGB Pixel with LAS Max. Performance DALI: 3072 Ballast 128 Dali Groups 168 Dali Button 168 Sensors
Lighting Control Engine 3 (fx) Similar to the Lighting Control Engine 3 but with extended real- time video manipulation tools IC: AM368100135	<ul> <li>Software licences for e:cue's Sympholight and Lighting LAS, EmotionFX, pre-installed</li> <li>High quality industrial components for reliable uninterrupted and efficient 24/7 operation</li> <li>2x SSD hard disk drive in RAID 1 operation for increased system stability</li> <li>Integrated dry contact inputs (6x) and relay outputs (2x)</li> <li>LC display and cursor keys for status messages</li> <li>19" rack-mountable (3U)</li> <li>Integrated Video Capture Card</li> </ul>	Max. Performance Dynamic: 3.000.000 RGBW or RGB Pixel with Sympholight 10.000 RGBW or RGB Pixel with LAS Max. Performance DALI: 3072 Ballast 128 Dali Groups 168 Dali Button
SYMPL Switch Ethernet switch for up to 5 devices with PoE. IC: AM313830035	Five Ethernet ports Power over Ethernet (PoE) for all ports when using 48V Classic Switch (without PoE) when using 24V	5 x e:net 10/100 Mbit/s RJ45 PoE-Ports Mode B (PoE over spare wires) According to IEEE802.3af 53.5 x 90.5 x 62 mm, 80g
SYMPL pro Node Smart DMX/RDM or e:pix controller for state-of- the-art lighting control projects. Specifically designed with tough outdoor environments in mind IC DMX Version: AM255360031 IC e:pix Version: AM305690031	<ul> <li>8 outputs for DMX512/RDM or e:pix (dependent on model)</li> <li>Extended operating temperature (-4070°)</li> <li>Isolated outputs up to 3,75kV</li> <li>Integrated protection against surge</li> <li>Embedded temperature &amp; humidity sensors</li> <li>Reverse polarity protection</li> <li>Backup-mode on data loss</li> <li>Power-over-Ethernet</li> <li>Test mode access via button</li> <li>Simple and easy integration in e:cue</li> <li>Sympholight or LAS</li> </ul>	1 x e:net 10/100 Mbit/s RJ45 8 x DMX512/RDM/e:pix via 3-pin terminal plugs 143 x 92 x 62mm, 250g

Product	Key Features	Specs
8 port e:net, sACN/Artnet to DMX interface grants full access to Traxon fixtures via the e:pix protocol through any 3 <sup>rd</sup> party controller utilizing Art-Net or sACN with up to 32 Universes IC: AM356970031	<ul> <li>8 x DMX512 / e:pix outputs</li> <li>Extended operating temperature (-4070°)</li> <li>Isolated outputs up to 3,75kV</li> <li>Supports up to 32 Art-Net / sACN universes via e:pix</li> <li>Simple and easy integration in e:cue Sympholight</li> <li>Switch instantly between two input sources (Sympholight, Art-Net, sACN)</li> <li>Backup-mode on data loss (via SL)</li> <li>Integrated protection against surge</li> <li>Reverse polarity protection</li> <li>Power-over-Ethernet</li> <li>sACN in unicast or multicast mode</li> </ul>	1 x 10/100 Mbit/s RJ45 for e:net / Art-Net / sACN 8 x DMX512/e:pix, via 3-pin terminal plugs 143 x 92 x 62mm, 250g
Butler Pro DMX/RDM or e:pix Interface with 16 outputs in 19" format IC DMX: AA628600035 IC e:pix: AA628610035	<ul> <li>16 outputs for DMX512/RDM or e:pix (dependent on model)</li> <li>Stores stills in the unlikely event of loss of connection with the server</li> <li>Controls up to 8,192 DMX512/RDM channels in 16 DMX 512/RDM universes (DMX512/RDM version)</li> <li>Up to 32,768 e:pix channels in e:pix universes (e:pix version)</li> <li>Highly flexible test options</li> <li>19" rack-mountable</li> </ul>	<ul> <li>1 x 10/100 Mbit/s RJ45 for e:net</li> <li>16 DMX/RDM/e:pix ports via RJ45</li> <li>USITT DMX512-A,</li> <li>RDM ANSI E1.20</li> <li>482 x 44 x 142mm, 1200g</li> </ul>
Butler S2 2-port DMX output device with RDM. Stand-alone functionality (only content from LAS - Lighting Application Suite) IC: AB436200031	<ul> <li>Supports the RDM protocol for bidirectional communication</li> <li>Saves and plays pre-programmed cuelists from LAS</li> <li>Reliable, uninterrupted operation</li> </ul>	<ul> <li>1 x 10/100 Mbit/s RJ45 for e:net</li> <li>PoE</li> <li>2 x RJ45, USITT</li> <li>DMX512-A/RDM E1.20</li> <li>71.5 x 24 x 85mm, 125g</li> </ul>
Butler XT2 Advanced stand-alone controller for preprogramming from LAS IC: AA557270131	Up to 8 independently controlled zones in stand-alone mode Up to 1024 DMX512/RDM channels RDM for for bidirectional communication Real-time and astronomical clock with daylight saving options Up to 16 systems (32 DMX512 universes) in stand-alone mode Integrated web server, remote control via web browser or App Supports a connection with up to eight GlassTouch User Terminals	1 x 10/100 Mbit/s RJ45 for e:net 1 x e:bus (clamp terminals) 2 x DMX/RDM (RJ45, clamp terminals) 1 x Inputs RS-232 (clamp terminals) 8 optically isolated digital inputs 177 x 60 x 75mm, 400g
Excite+ DMX input and output device for up to 512 DMX channels. LAS only. IC: AA557280031	<ul> <li>USB-DMX interface</li> <li>512 channel DMX output / input</li> <li>Gender changer for XLR5-pin male/female included</li> <li>Allows remote control of e:cue Programmer via external DMX signal</li> </ul>	1 x USB 2.0, standard plug to Neutrik, XLR5f 200cm, 210g

eccue

# Technical Data

Product	Key Features	Specs
SYMPL dmx Node 2 port DMX and RDM interface for the use with Sympholight or LAS IC: AB444180035	2 x DMX512 outputs Both outputs support RDM Test mode via Button for simple commissioning DMX Snap Shot can be recorded with Sympholight and output in case of failure Webinterface for configuration	1 x e:net 10/100 Mbit/s RJ45 2 x DMX512/RDM, individually isolated (1 kV) 3-pin terminal plug 53.5 x 90.5 x 62mm, 100g
SYMPL e:pix Node 2 port DMX and e:pix interface for the use with Sympholight IC: AB444210035	<ul> <li>2 x e:pix or DMX outputs</li> <li>Up to 4096 channels with e:pix</li> <li>Test mode via Button</li> <li>Web interface for configuration</li> </ul>	1 x e:net 10/100 Mbit/s RJ45 2 x e:pix, individually isolated (1 kV) 3-pin terminal plug 53.5 x 90.5 x 62mm, 100g
SYMPL DALI Node  DALI interface with integrated bus power supply for the use with Sympholight IC: AB444230035	<ul> <li>One DALI line for the communication with Ballast and Sensors</li> <li>Supports the communication with DALI version 2 devices</li> <li>Web interface for Configuration</li> <li>Test mode via Button</li> <li>Emergency functionality in case of failure</li> </ul>	<ul> <li>1 x e:net 10/100 Mbit/s</li> <li>RJ45</li> <li>1x DALI line, conformal to</li> <li>EN 62368-101</li> <li>53.5 x 90.5 x 62mm, 100g</li> </ul>
SYMPL input Node 8 port analog input interface for the use with Sympholight IC: AB444200035	Eight analog inputs for 0 10 V Four inputs switchable to 0 20 mA input Web interface for Configuration	1 x e:net 10/100 Mbit/s RJ45 8 x analog inputs 0 10 V, 4 of them switchable to 0 20 mA 53.5 x 90.5 x 62mm, 100g
SYMPL serial Node RS-232 and the RS-485 interface for the use with Sympholight IC: AB444220035	Two serial interfaces , the RS-232 and the RS-485 Web interface for Configuration	1 x e:net 10/100 Mbit/s RJ45 2 x serial interfaces on 3-pin terminal plug 53.5 x 90.5 x 62mm, 100g
SYMPL relay Node 3 port relay output for the use with Sympholight IC: AB444190035	<ul> <li>Three relay outputs SPDT for up to 5 A/250 V AC or 3 A/30 V DC"</li> <li>Simple integration of non intelligent lighting fixtures into Sympholight</li> <li>Test mode via Button</li> <li>Web interface for Configuration</li> </ul>	1 x e:net 10/100 Mbit/s RJ45 3 x SPDT relays, 3-pin terminal plug wire gauge: 0.21 3.31 sqmm 53.5 x 90.5 x 62mm, 125g
SYMPL e:bus Node Interface with up to 8 wallmount touch devices (GlassTouch) and Sympholight IC: AB444210035	E:bus interface for up to 8 e:bus devices (GlassTouch) Web interface for Configuration	1 x e:net 10/100 Mbit/s RJ45 1 x e:bus on 2-pin 53.5 x 90.5 x 62mm, 100g
Bridge 8 8 port sACN/Artnet to DMX Interface specifically developed with tough outdoor environments in mind. IC: AM356960031	<ul> <li>8 outputs for DMX512</li> <li>Extended opertating temperature -40° - 70° C</li> <li>Isolated outputs up to 3.75kV</li> <li>Integrated protection against surge</li> <li>Reverse polarity protection</li> <li>Test mode access via button</li> <li>Web interface for status and configuration</li> <li>Switch instantly between two input sources</li> <li>sACN/Art-Net in unicast or multicast mode</li> </ul>	<ul> <li>1 x 10/100 Mbit/s RJ45 for sACN or Art-Net</li> <li>8 x DMX512 3-pin terminal pug</li> <li>PoE (Power over Ethernet)</li> <li>143 x 92 x 62mm, 259g</li> </ul>

Product	Key Features	Specs
SYMPL pixel Node 2 port interface to control a wide range of synchronous and synchronous (SPI) serial addressable LED pixel via Sympholight IC: AM390290035 IC 2x Pixel Range Extender:	<ul> <li>2 x Output for Pixel Control with up to 2048 Channel each</li> <li>Output a wide range of asynchronous and synchronous (SPI) protocols</li> <li>DMX Output as well</li> <li>Can be powered via external PSU, PoE, directly from the connected fixture.</li> <li>Extended distance wirinig via Pixel Range Extender (Accessory)</li> <li>Web interface for Configuration</li> <li>Test mode via Button for simple commissioning</li> <li>Supported: APA104_400, APA104_800, TM1804_400, TM1804_800, TM1804_400, TM1804_800, TM1812, UCS2903, UCS2904, UCS8903_16bit, UCS8904A_16 bit, WS2811_400, WS2811_800, WS2812, WS2812b, WS2813, WS2818, WS2801, APA102 / APA102c, DMX512</li> </ul>	<ul> <li>1 x e:net 10/100 Mbit/s</li> <li>RJ45</li> <li>2 x 4pin terminal plug</li> <li>53.5 x 90.5 x 62mm, 80g</li> </ul>
Genius 4 or 8 port measuring and switching in a single Modbus device. Communication with Sympholight (via SYMPL serial Node) and any third party system is made via Modbus RTU IC 4Ch: AM38213003I IC 8Ch: AM38214003I	<ul> <li>4 or 8 outputs up to 20A resistive load</li> <li>@ 250 V AC</li> <li>Bistable relay outputs SPST</li> <li>Switch and measure with +-3% tolerance</li> <li>Modbus RTU / ASCII</li> <li>Daisy Chain up to 30 devices</li> <li>Measure: Voltage, current, power</li> <li>(active, apparent, reactive), power factor, energy (active), phase, line frequency</li> </ul>	110V-250V 4 or 8 Relais 1 x Modbus RTU interface 4Ch: 106.3 x 90.5 x 62mm, 320g 8Ch: 213 x 90.5 x 62mm, 600g
Glass Touch T6 Sleek design with a glass surface, touch-sensitive keys for user interaction IC: AA439100138	<ul> <li>Sensor keys with status LEDs</li> <li>One on-off sensor</li> <li>Simple mounting via flush-mounted box</li> <li>Ultra thin design</li> <li>Sleek white glass front</li> <li>Connects via free topology e:cue e:bus</li> <li>(2-wire power and data connection)</li> </ul>	6 capactivetouch sensors 1 capacitive on/off sensor 80 x 80 x 11mm, 110g
Glass Touch T12 Sleek design with a glass surface, touch-sensitive keys for user interaction. IC: AA439070138	<ul> <li>Sensor keys with status LEDs</li> <li>One on-off sensor</li> <li>Simple mounting in standard with in-wall fittings</li> <li>Ultra thin design</li> <li>Sleek white glass front</li> <li>Connects via free topology e:cue e:bus</li> <li>(2-wire power and data connection)</li> </ul>	<ul> <li>12 capacitive touch sensors</li> <li>1 capacitive on/off sensor</li> <li>80 x 160 x 11mm, 210g</li> </ul>
DMX2DALI+ DMX to DALI converter allows the integration of DALI fixtures in DMX controlled surroundings. IC: coming soon	<ul> <li>8 DALI (Broadcast) outputs = 8 DMX Channel</li> <li>Up to 16 DALI ballasts per output</li> <li>Power and DMX status LEDs</li> <li>Manual and auto DMX addressing modes</li> <li>(DIP switches for configuration)</li> <li>User selectable number of DMX channels (1-8)</li> <li>Direct power supply of each DALI output</li> </ul>	<ul> <li>1 x DMX512 (spring terminal clamps)</li> <li>1 x DMX512 (spring terminal clamps) for daisy chain</li> <li>8 x DALI (spring terminal clamps)</li> <li>Single 100 to 240 V AC supply voltage</li> <li>88 x 90 x 63 mm, 300g</li> </ul>





# Sustainability Initiatives

At Traxon e:cue our passion for light extends to the sustainability of our products, services, and operations, to reduce or eliminate negative environmental and social impacts, and to identify opportunities to increase the positive contributions we bring to the world. Our pursuit of improved sustainable practice and operations is aligned under three main initiatives:

### DO MORE WITH LESS



Solutions that provide more performance and use fewer resources, with industry-leading longevity is the most direct path to sustainable practice.

### **ENABLE CIRCULAR ECONOMIES**



Circular Project Solutions ensure reliable and maintainable lighting, including end-of-life planning to reuse, refurbish, and recycle existing equipment to bring new life to old systems.

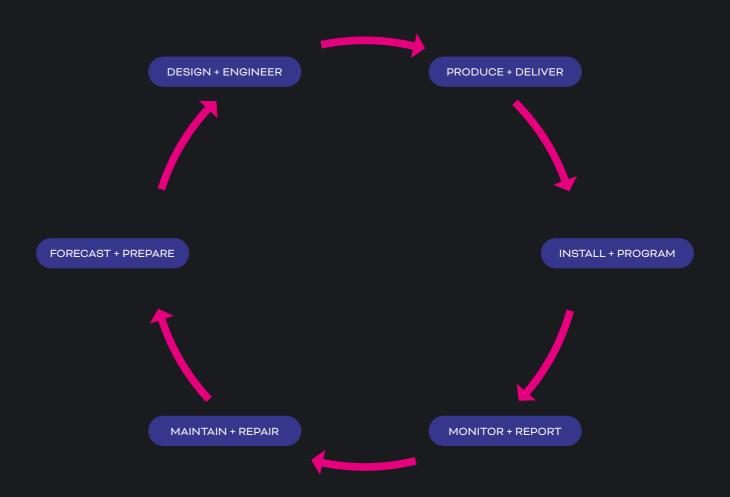
## CREATE IMPACT FOR OUR PARTNERS



Networked fixtures and controls enable owners to monitor and manage and fine-tune their high-performance building systems for optimal efficiency.

# Circular Project Solutions

Success of your project involves perpetual engagement with stakeholders to optimized sustainability, reduce lifecycle costs, verify performance, and ensure successful implementation at every project phase – from design, to installation, to operation, and eventual rejuvenation. Traxon e:cue is committed to partnering with you at every turn.



Each project has unique sustainability goals and reporting requirements. If you require specific documentation that you cannot find in this catalogue or on our website, please contact your local Traxon affiliate to discuss how we can work with you to meet the needs of your project.

# How can we help you?

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