

formalighting

**MOTOLUX**

Motorized Remote Controlled Lighting

**2020 | 21**

# MOTOLUX

Motorized Remote Controlled Lighting



## 48V Low Voltage Track

Moto-Zero



26

New

Moto-Zero **Zoom**

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New

## Main Voltage Track

Moto-Zero  
Compasso

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Moto-Zero  
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34

New

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New

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Moto-Zero In &amp; Out



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Moto-Palla In &amp; Out



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## Surface

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58

New

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Moto-Gimbalo **Zoom**

60

New

Moto-MultiGimbalo &  
Moto-MultiGimbalo  
**Zoom**

62

Moto-Flap



68

New

Moto-Gimbalo  
Surface

70

Moto - Gimbalo  
Pendant

72

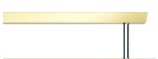
## Outdoor

## Track Systems & Accessories

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Moto-MultiGimbalo

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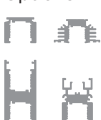
New

Moto-Terraluce



Landscape

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Low Voltage Track  
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# formalighting

MOTOLUX a smart, affordable and complete solution for aiming and focusing lighting, without a ladder or lift. With MOTOLUX, formalighting brings the latest innovations in motorized lighting to the forefront.

Formalighting designed MOTOLUX specifically for the architectural market with design, form, and function as the foundation to servicing specific lighting needs across multiple applications in retail, hospitality, museum and commercial environments.

Historically, the motorized lighting used in commercial environments came from the theatrical world where the products were derived from large format expensive stage lights limiting their use to niche applications, typically in areas with little to no access.

By using its best-selling products as base, formalighting created compact motorized lighting, which are accessible for all applications offering the benefits and peculiarities of quality architectural fixtures that can be remotely panned, tilted and dimmed. Furthermore, it will be possible to remotely adjust the colour temperature and the beam angle of the fixture. All of this, for only a small increment in price.

In short, formalighting has created a versatile remote controlled series of motorized architectural lighting, MOTOLUX, that is ideal for applications in all the dynamic environments as well as where the distance between the ceiling and the surface to illuminate is an issue.

**Eliminated the need for ladders and lifts, MOTOLUX delivers 3 Key benefits:**

## Reduced Costs

*Light refocusing is done, most of the time, after normal working hours, which results in overtime costs. Maintenance staff or outside contractors have to be brought in to refocus the lighting. MOTOLUX eliminates this by simplifying the process and making safe and easy for anyone to refocus lighting.*



## Limits Liability

*Since ladders or expensive scaffolds are not anymore required, it is safe and easy for ANY employee to adjust the lighting, reducing potential liability issues of work place accidents. The motor are silent and include a mechanical safety clutch to prevent any possible damage in the event of being operated manually*

## Updated Lighting

*Our motorized architectural lighting fixtures help to ensure lighting is focused where and when is needed. It is extremely easy for any person to make the necessary changes and adjustments with a touch on a smart-device's screen using our app or with a click on a button of our patented remote control.*



# The Future of Light is moving

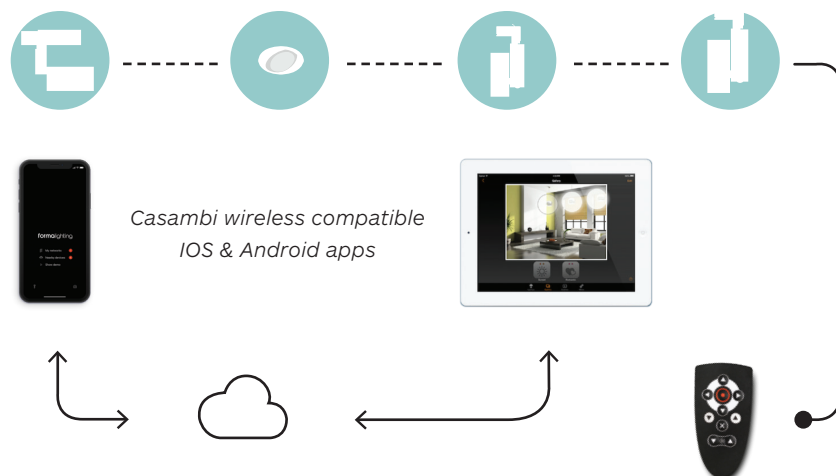
**MOTOLUX**  
Motorized Remote Controlled Lighting







## Central control



1. Not all fixtures must be by formalighting.
2. Dimming functions accrue throughout the day for various reasons; often many times per day.
3. Casambi gives up control of dimming functions to Central System so formalighting's fixtures do not require a secondary controller for dimming.

### Remote control, sensor data, SW updates, configuration.

Not all environments are the same. We understand this so we developed the full remote control MOTOLUX motorized architectural fixtures with the flexibility to be controlled in many different ways. Whether through one of our control method, Casambi app or LaserDim Remote Control or a third party centralized system (i.e. DALI) combined with one of our control method.

Our first method of control is our hand held remote called "Laser Dim". This gives you the capability to Pan, Tilt, Dim and even to change the light color, when applicable, of a single or multiple fixtures at one time. In this scenario, rather than grabbing a ladder and climbing to the top, you simply pull your remote out of the drawer and point and click your way to re-focused lighting.

Secondly, formalighting's app, powered by Casambi wireless, offers the same functionality of Laser Dim combined with advanced

smart lighting features. If Laser Dim equates to the ladder, this option is a smart ladder. Our Casambi based applications has many of the same functions of popular centralized control systems in that is capable creating and memorizing Zones and Scenes as well as executing timer based commands for formalighting products, but it is also capable of controlling non formalighting fixtures through the use of simple click on modules.

The third and most popular from of control is a hybrid where MOTOLUX, like any other architectural fixture, can be dimmed via a third party system using phase or 0-10v dimming protocols. In this scenario dimming commands which happen many times a day for various reasons and possibly even from various inputs are executed as desired, but less frequent refocusing needs are handled by one of the two options above.

# Casambi & formalighting

The Casambi solution is based on the state-of-the-art wireless technology and the only low power wireless technology in all modern smartphones, tablets and even smart watches, making it the only mainstream and future proof low power radio technology in the world.

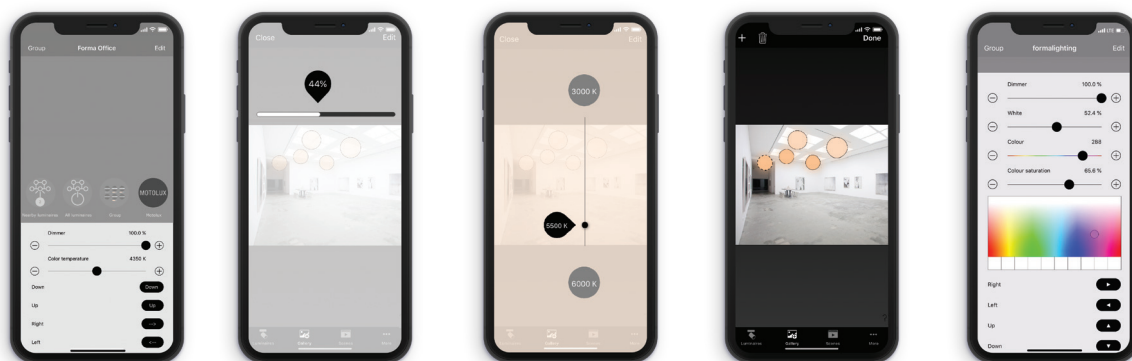
Casambi technology provides a self-organizing wireless mesh network able to control a large number of fixtures from any point. It also allows for firmware updates over the network, allowing any kind of changes to be made over-the-air. In this kind of fully distributed and symmetric architecture, any unit can go offline and catch up from others when they return back online.

Formalighting app by Casambi works as one of the user interfaces in a Casambi lighting control solution, as the commissioning tool and as well as a remote gateway. The app works with iOS as well as Android devices, like smartphones, tablets and smartwatches. The app is free to download by any end user.

The Casambi app is made by user interface experts and in a way, that anyone - regardless of technical proficiency- can use it. Thanks to the formalighting app by Casambi it will be possible for the users to control the pan and tilt movement of the MOTOLUX fixtures, dimming the intensity of the light, easily use special features such as TuneableWhite, DimToWarm, RGB/W and Zoom beam shaping.

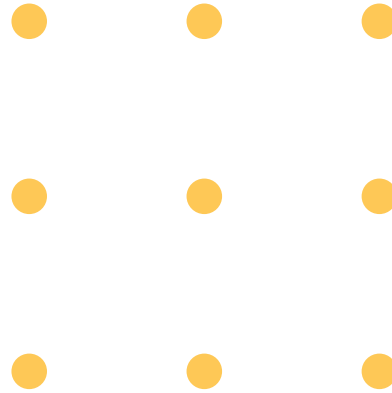
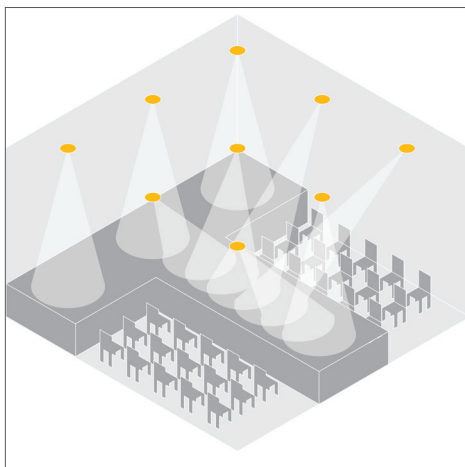
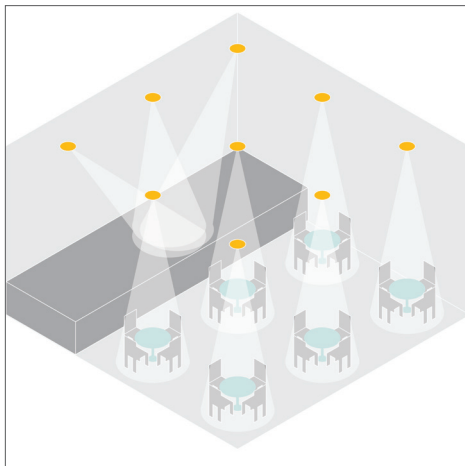
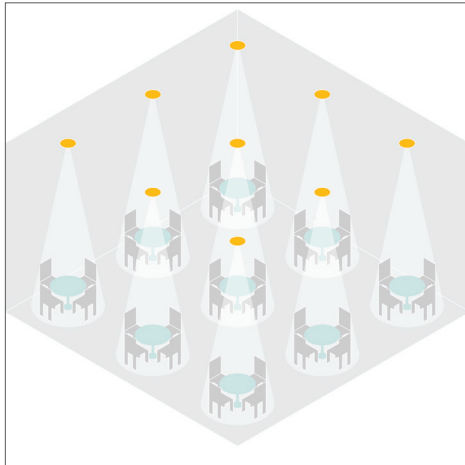
The app will only show in the user interface the functionality that is relevant for the fixtures used in the specific project. Therefore, the Casambi app is equally suitable for the professional lighting market as well as the residential field. The Casambi devices are smart on their own and they connect only when is needed.

An Internet connection is not necessary for normal operation, it is only needed for user interface configurations to be sent or recalled from the cloud service.



CASAMBI

# Easy Configuration



We introduce an easy and precised way to control and configure our luminaries. Using the MOTOLUX app powered by Casambi, it will be easy and fast to create scenes involving dimerization, colour tuning and fixtures movements.

After saving it any scene can be recall with a simple click. Multiple scenes can be saved in the app, to adapt the illumination to the different time of the day or the different use of the ambience to enlighten.

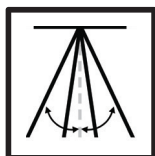
## **One sigle installation with endless possibilities:**

- **Create and save a specific scene.**
- **Change scenes at any time digitally.**
- **Program differente scenes to be changed automatically at a time set.**

# Key Features

## Zoom. Change of beam angle

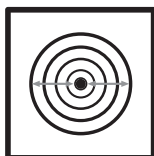
Every. Angle. Covered.



For unparalleled flexibility, selected MOTOLUX fixtures incorporate yet beam-shaping lens, to focus the luminaires beam angle from narrow to diffuse wide, giving the designers and the users the possibility to easily reconfigure the same ambience according with different type of events. Now you have many choice with one fixture.

## Beam Angles

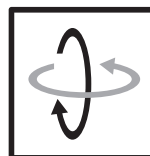
Ultra spot, narrow, medium and wide beam



Different light distributions offer freedom in design. For this reason, MOTOLUX luminaires are offered with different beam angles, ranging from ultra-spot to wide or flood, depending on the light source selected. Ultra-spot illumination allows to sharp focus on specific area or objects. Another advantage is the possibility to delivers good illumination from high ceiling.

## Pan & Tilt

Move light head remotely



With dual axis hot aiming, the pan and tilt of any MOTOLUX fixture are easily controlled and instantly revised via a Bluetooth application or a user-friendly hand held remote control. It will be no longer necessary to hire maintenance technical staff, using ladders or operating complicate mechanical scaffolds, only to reconfigure the ambience's illumination.

## Tuneable White

Human Centric Light



In response to the gradual shifts in colour temperature of natural light throughout the course of a day and a season, MOTOLUX luminaires offer also a Tuneable White fixture. The white colour temperature of the light can be adjusted in 2700-6500K range. The right temperature at every moment of the day and for every event.

## RGB / RGBW

Millions of colour shades



Another option of the advanced MOTOLUX LED light engines is RGBW. Fixtures with RGBW allow the possibility to change the light colour in a range of over 15 shades. Using high end optics the MOTOLUX RGBW luminaires deliver a uniform and shadow free light effect, making them an ideal solution for retail and shop window applications.

## Full Spectrum (Sunlight)

Just like the sunlight



Full Spectrum modules offer the possibility to imitate like never before the spectrum of the sunlight, giving the designer the opportunity to create dramatic effects and playing with the whole natural colour spectrum. The full spectrum fixtures displayed any subject in a real natural light or been optimized with gradients of off-Planckian colours.

## Connectivity

Mesh Network



MOTOLUX powered by Casambi provides an organized wireless mesh network able to control infinite numbers of fixtures, where all the intelligence of the system is replicated in every single fixture. In this kind of fully distributed and symmetric architecture, with no single points of failure, any unit can go offline and catch up from others when it return back online.

## Casambi Wireless

All its power in your hands



Thanks to the formalighting app powered by Casambi it will be possible for the users to control, via smartphone or tablet, the pan and tilt movement of the MOTOLUX fixtures, dimming the intensity of the light, easily use special features such as Full Spectrum colour regulation, Tuneable White and beam shaping focus. Furthermore it will be possible create or recall specific light scene.

## Remote Control

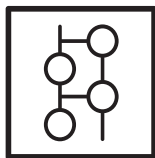
Simply Life



One fixtures or Infinite fixtures, only one patented remote control. Use the device to take the control of the scene. Point the controller to the dome of a luminaire (from a distance of up to 12 meters) and push the button, the dome will turn green. It will be possible to tilt/pan the fixtures, regulate the intensity and the temperature of the light with a touch of a button.

## Full controll

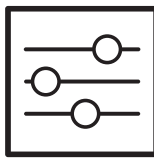
Take control of the scene



MOTOLUX technology makes easy to control multiple luminaires together. This operation is simple with both control methods, smart device app and patented remote control. User can group the luminaires and control their movements, light intensity and light temperature together. With Casambi it will be possible to create scene involving the luminaire group.

## Multi Dim

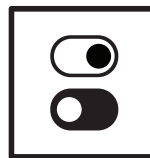
Add colour to your life



MOTOLUX fixtures powered by Casambi offer a comprehensive colour controlling possibility. User can change the light colour in a simple way via the app interface. It will be possible to choose between many different gradients and save the favourite colours in a personalized colour palette.

## Switchable

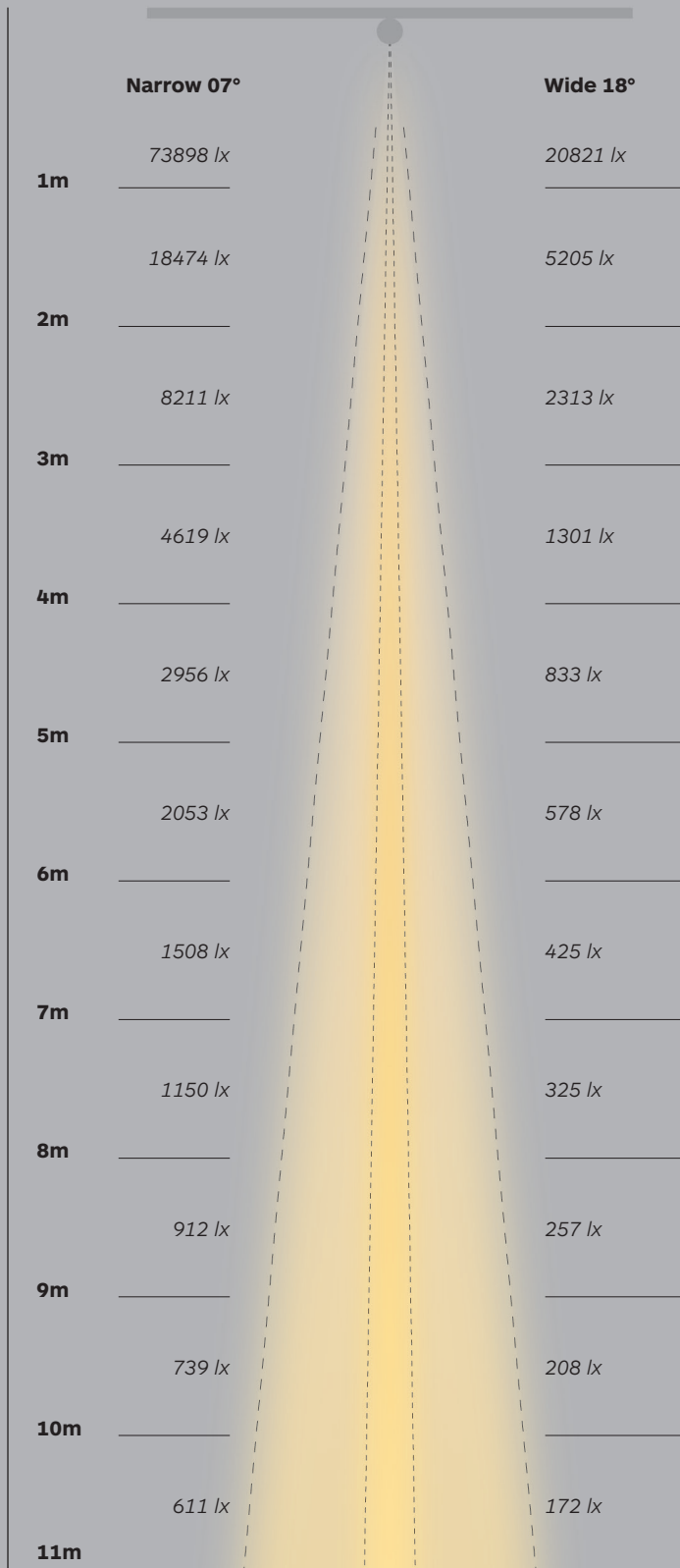
Easy control



MOTOLUX luminaires powered by Casambi can also be controlled from standard wall switches and push buttons without the Casambi app. A standard wall switch or a push button can be used for dimming, controlling a scene or to swap through several scenes. In this way, there is no need to install additional dimmers.



# Beam Shaping (BS)



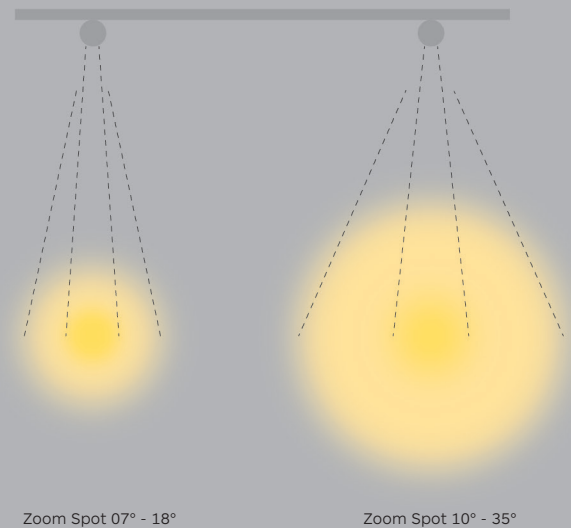
## Every. Angle. Covered.

Each MOTOLUX luminaire is offered in an option of at least two different beam angles, ranging from narrow to wide or flood, depending on the light source selected.

For unparalleled flexibility, MOTOLUX introduces the new Zoom options, for selected fixtures. Based on pioneering beam-shaping lens technology, the Zoom option allows the user to adjust the luminaires' beam angle from narrow to diffuse wide, giving the possibility to reconfigure the same ambience according with the type of event.

Using the MOTOLUX Zoom luminaires, designers and users can create dynamic lighting scenario and precisely focus the light beam on specific zone or objects. The Zoom option is also the ideal solution to deliver to the floor a higher quantity of lux.

### Zoom Spotlights



# Full Spectrum Covered by Lumenetix

Full color Spectrum via wireless control technology by Lumenetix allows designers to solve the problem of ambience requiring multiple colour illumination. With selected MOTOLUX fixtures incorporated the revolutionary Lumenetix lighting technology is possible to solve the problem using only one type of fixtures. The Lumenetix Araya 5 Full-Spectrum LED chips deliver an unparalleled likeness to sunlight's natural spectrum, offering users the opportunity to create dramatic scenographic effects to communicate a variety of emotive experiences. The MOTOLUX are supplied with Casambi wireless as standard control option; others protocols such as Dali-0 10V and DMX are available upon request.

lumenetix® CASAMBI





MOTOLUX powered by Lumenetix engine are able to deliver perfectly mixed white light, using five different colours channel of high, broad spectrum, brightness, none of which is white. The delivered light is 2 SCDM about the Planckian curve at 90+ CRI across the tuning range. MOTOLUX Lumenetix provides unique and different lighting solutions for each and every requirement. One fixture, one room...one building.

# Areas of Application

## Museums / Galleries



### Related products

*Moto-Zero Low Voltage Track*  
*Moto-Zero Zoom Low Voltage Track*  
*Moto-Zero Compasso Main Voltage Track*  
*Moto-Zero Zoom Main Voltage Track*  
*Moto-Zero Main Voltage Track*  
*Moto-Ola*  
*Moto-Zero In & Out*  
*Moto-Gimbalo Pendant*

## Banquets Hall



### Related products

*Moto-Zero Low Voltage Track*  
*Moto-Zero Zoom Low Voltage Track*  
*Moto-Zero Compasso Main Voltage Track*  
*Moto-Zero Zoom Main Voltage Track*  
*Moto-Zero Main Voltage Track*  
*Moto-Ola*  
*Moto-Combo*  
*Moto-Palla In & Out*  
*Moto-Colosseo*  
*Moto-Gimbalo*  
*Moto-MultiGimbalo*  
*Moto-Gimbalo Surface*  
*Sistema Moto-MultiGimbalo*

## Shop Windows & Retail



### Related products

*Moto-Zero Low Voltage Track*  
*Moto-Zero Zoom Low Voltage Track*  
*Moto-Zero Compasso Main Voltage Track*  
*Moto-Zero Zoom Main Voltage Track*  
*Moto-Zero Main Voltage Track*  
*Moto-Ola*  
*Moto-Palla In & Out*  
*Moto-Colosseo*  
*Moto-Gimbalo*  
*Moto-MultiGimbalo*  
*Moto-Gimbalo Surface*  
*Sistema Moto-MultiGimbalo*



## High ceiling



### Related products

*Moto-Zero Low Voltage Track*  
*Moto-Zero Zoom Low Voltage Track*  
*Moto-Zero Compasso Main Voltage Track*  
*Moto-Zero Zoom Main Voltage Track*  
*Moto-Zero Main Voltage Track*  
*Moto-Ola*  
*Moto-Combo*  
*Moto-Venus*  
*Moto-Zero In & Out*  
*Moto-Palla In & Out*  
*Moto-Colosseo*  
*Moto-Gimbalo*  
*Moto-MultiGimbalo*  
*Moto-Gimbalo Surface*  
*Sistema Moto-MultiGimbalo*

## Hospitality / Restaurants



### Related products

*Moto-Zero Low Voltage Track*  
*Moto-Zero Zoom Low Voltage Track*  
*Moto-Zero Compasso Main Voltage Track*  
*Moto-Zero Zoom Main Voltage Track*  
*Moto-Zero Main Voltage Track*  
*Moto-Ola*  
*Moto-Flap*  
*Moto-LineaVolo*

## High end residentials / Living spaces



### Related products

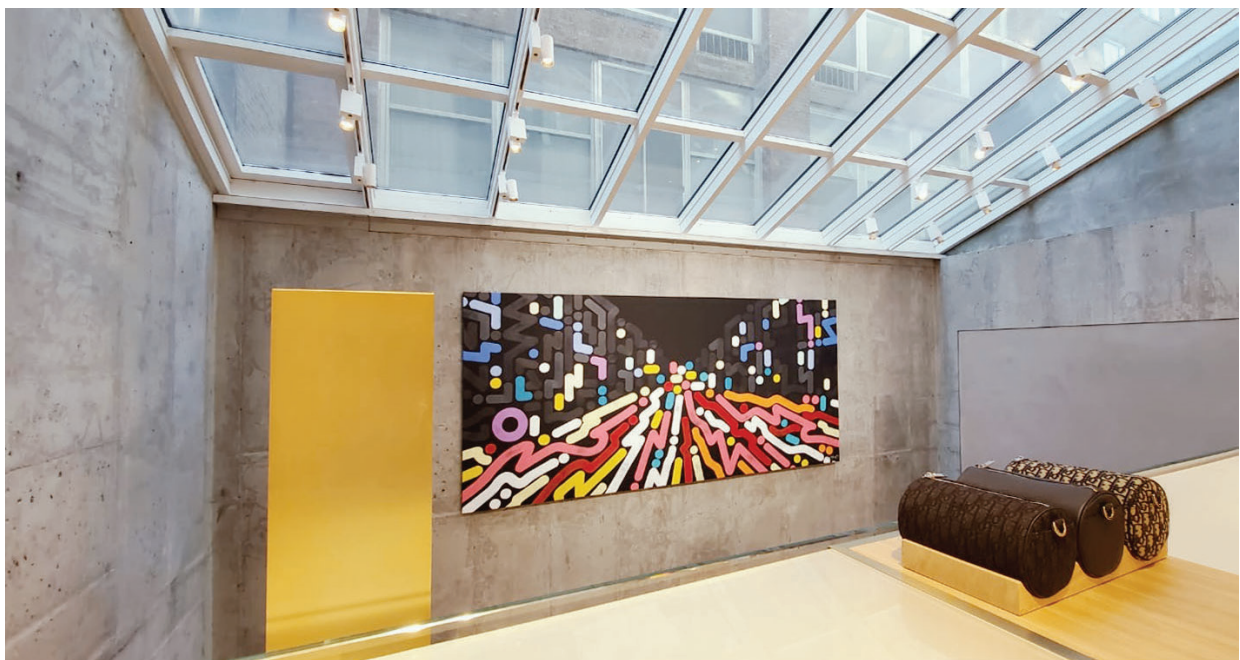
*Moto-Zero Low Voltage Track*  
*Moto-Zero Zoom Low Voltage Track*  
*Moto-Zero Compasso Main Voltage Track*  
*Moto-Zero Zoom Main Voltage Track*  
*Moto-Zero Main Voltage Track*  
*Moto-Ola*  
*Moto-Venus*  
*Moto-Palla In & Out*  
*Moto-Colosseo*  
*Moto-Flap*  
*Moto-Gimbalo Pendant*  
*Sistema Moto-MultiGimbalo*  
*Moto-LineaVolo*

## Project References

*Since the 2016 series launch, over 18,000 Motolux fixtures have been installed in over 300 different projects around the world. Motolux's technologically advanced, remote controlled motorized*

*lighting fixtures deliver the most flexible and reliable solutions for a wide range of projects and applications for Hospitality, Retail, Museums, Art Galleries, Restaurants and many more.*

### **Retail**



*Retail space.  
New York.*



## ***Banquets Hall***



*Banquets Hall.  
Dubai.*



## Hospitality



Restaurant.  
Macau.



## Museums / Art Galleries



Art Gallery Project.  
Manila.

# MOTOLUX for 48V Low Voltage Track System

Moto Zero's family of remote controlled motorized track lighting is now including specific 48V versions, which offering all the advantage of low-Voltage luminaire.

The fixtures, which include an integrated 48V track adapter, offer all the benefits of the remote controlled MOTOLUX motorized architectural lighting. Moto-Zero LV is available in 3 sizes with aluminium light head diameter of 40mm-66-mm and 100mm. its Zoom version is available in 2 sizes 40mm and 80mm.

#### Pan + Tilt + Zoom

Two silent DC motors drive the 0-90° tilt and 0- 360° pan movements of the fixture. A third motor enables a high précised focus of the light beam in a range between 12°-45°. The movements and beam shaping of the fixtures, as well as the intensity and the white colour tuning of the light, are controlled via remote control CASAMBI™ application.



2020  
product  
release

formalighting

formalighting



# MOTOLUX

Motorized Remote Controlled Lighting

# **Motorized Architectural Lighting**

# Moto-Zero Low Voltage

40 | 68 | 100 Low Voltage Track



## Body

Motorized track mounted 48V low voltage spotlight with light head and mounting arm in cast aluminium. Moto-Zero 48V low voltage is available in 3 different light head diameters 40mm and 68mm and 100mm.

The integrated track adapter is compatible with different models of Stucchi low voltage track system. Easy to insert and remove from the track. Two DC motors drive the movements of the fixture, which is tiltable vertically up to 90° and rotatable horizontally 330°.

The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

Moto-Zero 68 & 100: honeycomb louvre.  
For more information about accessories see page 82 and for low voltage track accessories see page 84-89.

## Finish

Powder coat in black or white colour.

## LED sources

COB LED. High Power LED. Lumenetix Full Spectrum (68).  
COB Tuneable White (40, 100).  
CRI: 90 | CCT: 3000K, 4000K, Full Spectrum (68).  
Other CRI and CCT options available on request.

## Optic

Lens or Reflector (only for Moto-Zero 68 TW).  
Super narrow (7°), narrow, medium and wide beam angle available.

## Driver

48V input integrated.  
Motion Control: Casambi.  
Dimming Options: Casambi.  
Colour Tuning: Casambi.  
**Power supply** unit to be ordered separately, see page 90.

## Applications

The 48V Low Voltage evolution of the Moto-Zero Compasso. Easy to install and to control, a versatile spotlight ideal for retail and museum applications.  
Application areas: retail, museums, hospitality, residential, lobbies.

## Compatible with Low Voltage Track Types

Please see P.84-85 for details



**2ST1**

Surface Track



**2ST6**

Surface Track  
Pendant Track



**2ST7**

Pendant Track  
For Up Side



**2ST8**

Recessed Track  
Trim



**2ST3**

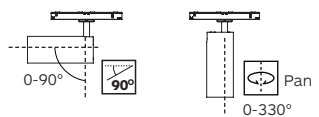
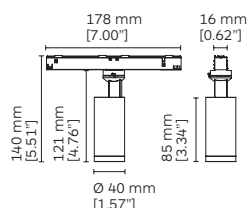
Recessed Track  
Trimless

# Moto-Zero Low Voltage Track



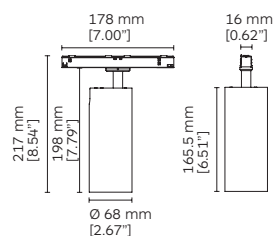
## Moto-Zero Low Voltage 40

Low Voltage Track



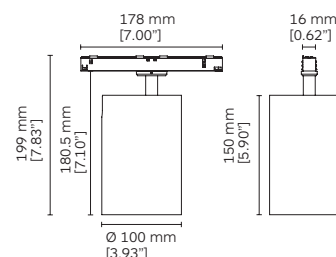
## Moto-Zero Low Voltage 68

Low Voltage Track



## Moto-Zero Low Voltage 100

Low Voltage Track



Code ordering example: **M 9 0 1 B C 3 1 - 9 0 3 0 1 6 D C 1 0**

	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto-Zero Low Voltage 40	<b>M901</b>	<b>BC31</b> COB LED	<b>90</b>	<b>30</b> 3000K	6W	664 lm	<b>16 / 26 / 36</b>	<b>DC CASAMBI</b>	<b>10</b> ■ Black <b>11</b> □ White
		<b>BR21</b> High Power LED		<b>40</b> 4000K	4W	722 lm 439 lm 483 lm	<b>07 / 24 / 36</b>		
		<b>BU11</b> TW COB LED		<b>TW</b> 2700-6500K	7W	710 lm	<b>18 / 28 / 40</b>		
Moto-Zero Low Voltage 68	<b>M902</b>	<b>BC22</b> COB LED	<b>90</b>	<b>30</b> 3000K	12W	1550 lm	<b>16 / 25 / 36</b>		
		<b>BR21</b> High Power LED		<b>40</b> 4000K	6W	530 lm 580 lm	<b>05</b>		
		<b>BL22</b> Lumenetix <sup>1</sup>		<b>90</b> <b>FS</b> Full Spectrum	18W	750 lm	<b>18 / 25 / 33</b>		
		<b>IU21</b> TW COB LED		<b>TW</b> 2700-6500K	13W	1290 lm	<b>16 / 25 / 48</b>		
Moto-Zero Low Voltage 100	<b>M903</b>	<b>BC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	25W	2760 lm	<b>12 / 22 / 32</b>		
		<b>BR21</b> High Power LED		<b>40</b> 4000K	21W	3000 lm 1862 lm 1920 lm	<b>07 / 24 / 36</b>		

### Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83 & 84-89.

\*\* For other CCT options, please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.

# Moto-Zero Zoom Low Voltage

40 | 80 Low Voltage Track



## Body

Motorized track mounted 48V low voltage spotlight with light head and mounting arm in cast aluminium. Moto-Zero Zoom 48V low voltage is available in 2 different light head diameters: 40mm and 80mm. The integrated track adapter is compatible with different models of Stucchi low voltage track system.

Easy to insert and remove from the track. Two DC motors drive the movements of the fixture, which is tiltable vertically up to 90° and rotatable horizontally 350°. A third motor controls a special lens, which allows the user to shape the light beam from narrow to wide diffuse. The movements and the beam shaping of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

For more information about low voltage track accessories see page 84-89.

## Finish

Powder coat in black or white colour.

## LED sources

High Power LED. (40). COB LED (80). Lumenetix Full Spectrum (80).

CRI: 90 | CCT: 3000K, 4000K, Full Spectrum (80). Other CRI and CCT options available on request.

## Optic

Lens.

Adjustable beam angle .

## Driver

48V input integrated.

Motion Control: Casambi.

Dimming Options: Casambi.

Colour Tuning: Casambi.

**Power supply** unit to be ordered separately, see page 90.

## Applications

The 48V Low Voltage evolution of the Moto-Zero Zoom.

Easy to install and to control, the fixture enable users to focus on a narrow to wide spot at the touch of a button.

Application areas: retail, museums, hospitality, residential, lobbies.

## Compatible with Low Voltage Track Types

Please see P.84-85 for details



**2ST1**

Surface Track



**2ST6**

Surface Track  
Pendant Track



**2ST7**

Pendant Track  
For Up Side



**2ST8**

Recessed Track  
Trim



**2ST3**

Recessed Track  
Trimless

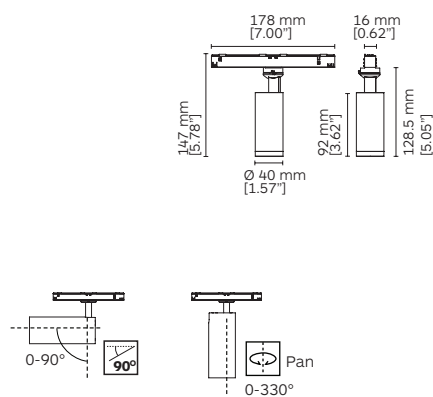


# Moto-Zero Zoom Low Voltage Track



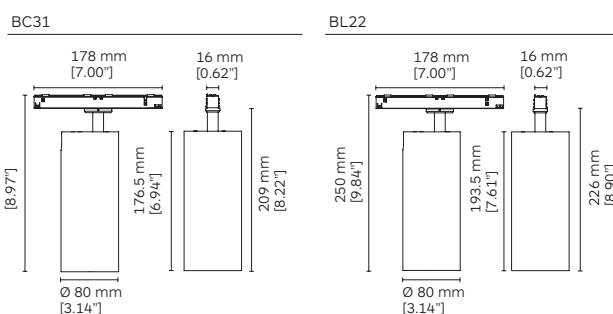
## Moto-Zero Zoom Low Voltage 40

Low Voltage Track



## Moto-Zero Zoom Low Voltage 80

Low Voltage Track



Code ordering example: **M 9 0 4 B R 2 1 - 9 0 3 0 B S D C 1 0**

	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto-Zero Zoom Low Voltage 40	<b>M904</b>	<b>BR21</b> High Power LED	<b>90</b>	<b>30</b> 3000K <b>40</b> 4000K	4W	439 lm 483 lm	<b>BS</b> (13° - 35°)	<b>DC</b> CASAMBI	<b>10</b> ■ Black <b>11</b> □ White
Moto-Zero Zoom Low Voltage 80	<b>M905</b>	<b>BC31</b> COB LED	<b>90</b>	<b>30</b> 3000K <b>40</b> 4000K	14W	1410 lm 1540 lm	<b>BS</b> (12° - 45°) <sup>2</sup>		
	<b>BL22</b>	Lumenetix <sup>1</sup>	<b>90</b>	<b>FS</b> Full Spectrum	18W	750 lm	<b>BS</b> (15° - 45°) <sup>2</sup>		

### Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 84-89.

\*\* For other CCT options, Tuneable White (TW) version please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>2</sup> The values in the nominal lumen are referring to the peak lumen.

**BS:** Beam shaping.

<sup>2</sup>Wide angle donotes as field angels.

# **Motolux for Main Voltage Lighting**

# Moto-Zero Compasso

40 | 68 | 100



## Body

Motorized track mounted spotlight with light head and mounting arm in cast aluminium. **Moto-Zero Compasso** is available in 3 different light head diameters: 40mm, 68mm and 100mm. **Moto-Zero Compasso Zoom** is available in 4 diameters: 40mm, 68mm, 80mm and 130 mm.

The integrated track adapter with built-in driver is compatible with 3 phase eurotype track.

Two DC motors drive the movements of the fixtures, tilting them vertically up to 90° and rotating horizontally 315°.

For the Moto-Zero Zoom series, a third motor controls a special lens, which allows the user to shape the light beam from narrow to wide diffuse.

The movements and the beam shaping of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

**Moto-Zero Compasso 68:** Honeycomb louvre, Visor, Snoot. **Moto-Zero Zoom 130:** Honeycomb louvre.

For more information about accessories see page 82 and for track accessories see page 92-93.

## Finish

Powder coat in black or white colour.

## LED sources

**Moto Zero Compasso:** COB LED. High Power LED.

Lumenetix Full Spectrum (68). COB Tuneable White (40, 68). CRI: 90 | CCT: 3000K, 4000K, Tuneable White (40, 68), Full Spectrum (68). **Moto-Zero Zoom:** High Power LED. (40). COB LED (68, 80, 130). Lumenetix Full Spectrum (80), Tuneable White (130). CRI: 90 | CCT: 3000K, 4000K, Full Spectrum (80), Tuneable White (130).

## Optic

Lens or Reflector (only for Moto-Zero Compasso 68 TW). Super narrow (7°), narrow, medium and wide beam angle available. **Moto-Zero Zoom** series: special lenses with beam-shaping technology.

## Driver

Dimmable, In track adapter integrated driver 220-240VAC 50/60hz.

Motion Control: Casambi.

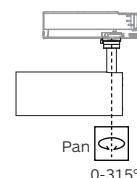
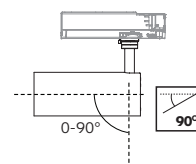
Dimming Options: Casambi.

Colour Tuning: Casambi.

## Applications

A tiny and versatile spotlight ideal for applications where the distance between ceiling and spot is an issue. The Moto-Zero Zoom series is the ideal solution for museum and retail application. The fixture enable users to focus on a narrow to wide spot at the touch of a button.

Application areas: retail, museums, hospitality, residential, lobbies.

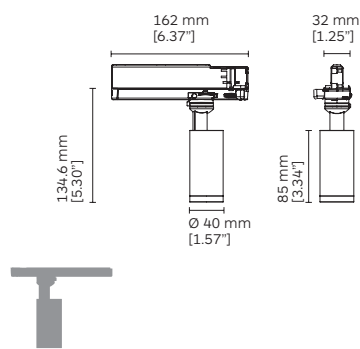


# Moto-Zero Compasso



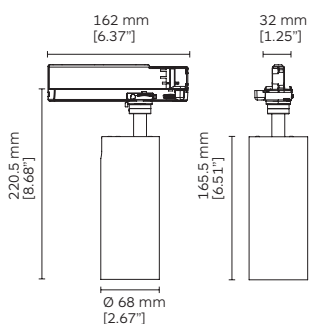
## Moto-Zero Compasso 40

Compasso Main Voltage Track



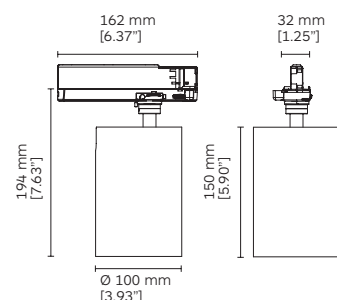
## Moto-Zero Compasso 68

Compasso Main Voltage Track



## Moto-Zero Compasso 100

Compasso Main Voltage Track



Code ordering example: **M 6 3 9 B C 3 1 - 9 0 3 0 1 6 D C 1 0**

	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto-Zero Compasso 40	<b>M639</b>	<b>BC31</b> COB LED	<b>90</b>	<b>30</b> 3000K	6W	664 lm	<b>16 / 26 / 36</b>	<b>DC</b> CASAMBI	<b>10</b> ■ Black <b>11</b> □ White
		<b>BR21</b> High Power LED		<b>40</b> 4000K	4W	722 lm 483 lm	<b>07 / 24 / 36</b>		
		<b>BU11</b> TW COB LED		<b>TW</b> 2700-6500K	7W	710 lm	<b>18 / 28 / 40</b>		
Moto-Zero Compasso 68	<b>M665</b>	<b>BC22</b> COB LED	<b>90</b>	<b>30</b> 3000K	12W	1550 lm	<b>16 / 25 / 36</b>		
		<b>BR21</b> High Power LED		<b>40</b> 4000K	6W	530 lm 580 lm	<b>05</b>		
		<b>BL22</b> Lumenetix <sup>1</sup>		<b>FS</b> Full Spectrum	18W	750 lm	<b>18 / 25 / 33</b>		
		<b>IU21</b> TW COB LED		<b>TW</b> 2700-6500K	13W	1290 lm	<b>16 / 25 / 48</b>		
Moto-Zero Compasso 100	<b>M666</b>	<b>BC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	25W	2760 lm	<b>12 / 22 / 32</b>		
		<b>BR21</b> High Power LED		<b>40</b> 4000K	21W	3000 lm 1862 lm 1920 lm	<b>07 / 24 / 36</b>		

### Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

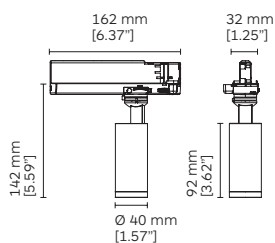
<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.

# Moto-Zero Zoom



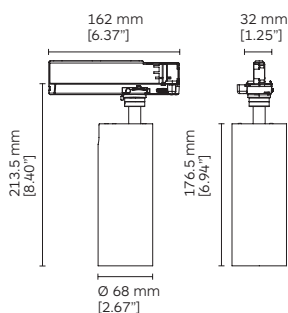
## Moto-Zero Compasso Zoom 40

Main Voltage Track



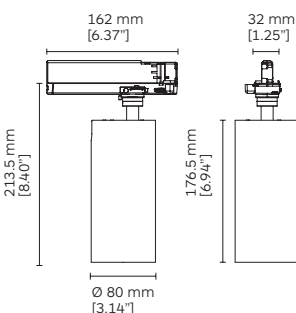
## Moto-Zero Compasso Zoom 68

Main Voltage Track



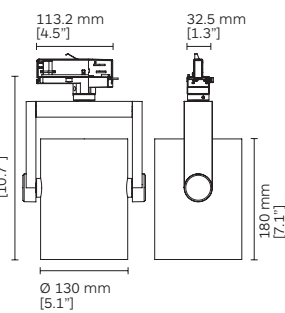
## Moto-Zero Compasso Zoom 80

Main Voltage Track



## Moto-Zero Zoom 130

Main Voltage Track



Code ordering example: **M 6 6 7 B R 2 1 - 9 0 3 0 B S D C 1 0**

	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto-Zero Compasso Zoom 40	<b>M667</b>	<b>BR21</b> High Power LED	<b>90</b>	<b>30</b> 3000K <b>40</b> 4000K	4W	439 lm 483 lm	<b>BS</b> (11° - 35°)	<b>DC</b> CASAMBI	<b>10</b> ■ Black <b>11</b> □ White
Moto-Zero Compasso Zoom 68	<b>M668</b>	<b>BC31</b> COB LED	<b>90</b>	<b>30</b> 3000K <b>40</b> 4000K	14W	1410 lm 1540 lm	<b>BS</b> (10° - 30°) <sup>2</sup>		
Moto-Zero Compasso Zoom 80	<b>M669</b>	<b>BC31</b> COB LED	<b>90</b>	<b>30</b> 3000K <b>40</b> 4000K	14W	1410 lm 1540 lm	<b>BS</b> (10° - 38°) <sup>2</sup>		
		<b>BL22</b> Lumenetix <sup>1</sup>		<b>FS</b> Full Spectrum	18W	750 lm	<b>BS</b> (15° - 45°) <sup>2</sup>		
Moto-Zero Zoom 130	<b>M670</b>	<b>BN21</b> COB LED	<b>95</b>	<b>30</b> 3000K <b>40</b> 4000K	30W	2870 lm 3110 lm	<b>BS</b> (07° - 18°)		
		<b>BN31</b> TW COB LED	<b>90</b>	<b>TW</b> from 2700K to 5000K	28W	from 2515 lm to 3417 lm	<b>BS</b> (14° - 28°)		

### Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, please contact us.

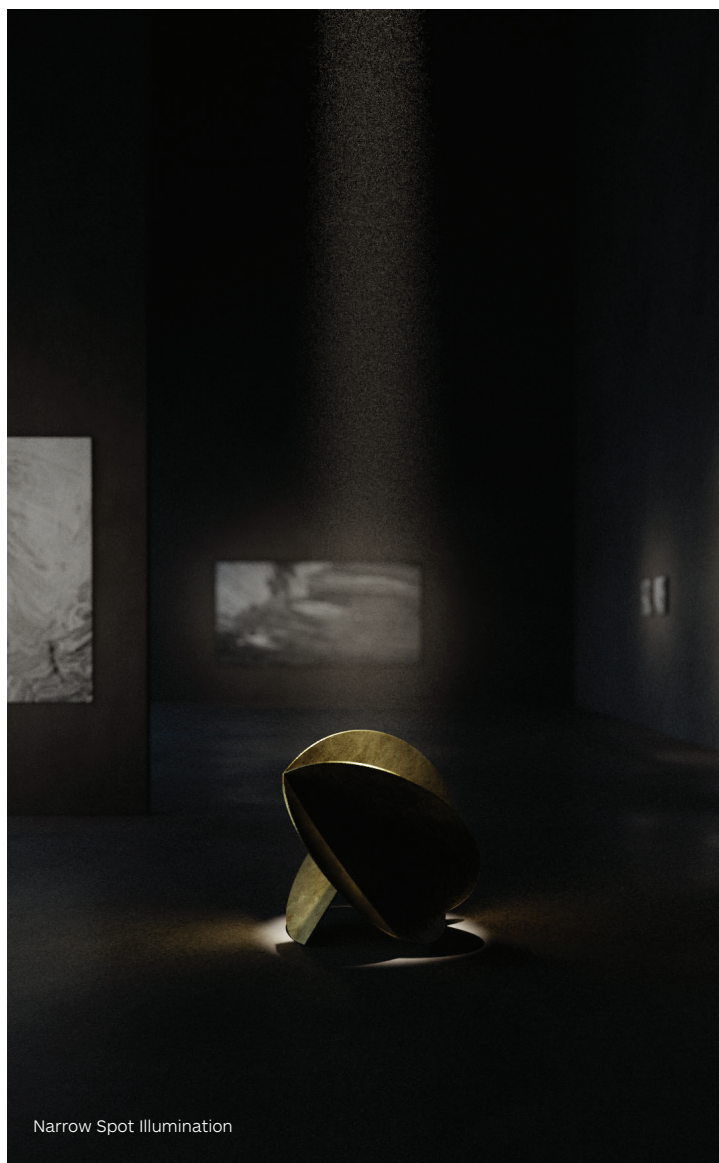
<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>2</sup> The values in the nominal lumen are referring to the peak lumen.

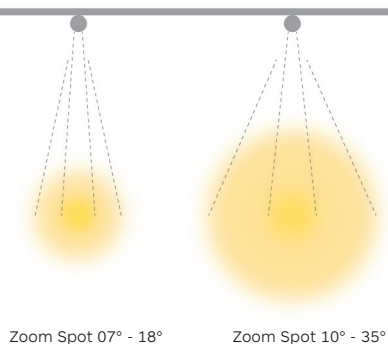
**BS:** Beam shaping.

<sup>2</sup>Wide angle donotes as field angels.

## Every. Angle. Covered.



### Zoom Spotlights



Moto-Zero Zoom, the latest novelty from the award-winning MOTOLUX range, is the ideal lighting solution for spaces with soaring ceilings, that also require frequent scene changes.

Using the formalighting app powered by CASAMBI, the fixture's beam angle can be changed within a range of 7 to 45 degrees. A change in beam angle may also require the light to be re-directed or modify its intensity, so the same app controls the pan (355°), tilt (90°) and dimming of the Moto-Zero Zoom.

Moto-Zero Zoom is available in 4 different sizes (lighthouse diameter of 40cm, 66cm, 80cm, 130cm) and with specific high Color Rendering option (CRI 97+, R9 90+). The range will soon be available in a low voltage track version.

Thanks to MOTOLUX technology, designers can create and save light scenes which may be programmed to change automatically at specified times, as the fixtures move and re-focus the light without the use of ladders or scaffolds.



# Moto-Zero

66 | 100 | 130 | Zoom 66



## Body

Motorized track mounted spotlight with light head and control gear box in cast aluminium. Moto-Zero is available in 3 different light head diameters: 66mm, 100mm and 130mm. The fixtures are inclusive of adapter compatible with 3 phase eurotype track.

The control gearbox is available in two different shapes, D and S. Check page 93 for more details about gearboxes. Two DC motors drive the movements of the fixture, tilting them vertically up to 90° in two directions and rotating them horizontally 350°. Moto-Zero 66 Zoom: a third motor controls a special lens, which allows the user to shape the light beam from narrow to wide diffuse.

The movements and the beam shaping of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

Linear spread, honeycomb louvre, Visor, Snoot.

For more information about accessories see page 82 and for track accessories see page 92-93.

## Finish

Powder coat in black or white colour.

## LED sources

COB LED. High Power LED. Lumenetix Full Spectrum. Tuneable White. RGBW (130).

CRI: 90 | CCT: 3000K, 4000K, Full Spectrum, Tuneable White.

Other CRI and CCT options available on request.

## Optic

Lens or Reflector (according with the chosen model/light source).

Super narrow (7°), narrow, medium and wide beam angle available.

## Driver

Dimmable driver integrated in the gear box.

Motion Control: Casambi, LaserDim.

Dimming Options: Casambi, LaserDim, 0-10V, DALI, DMX.

Colour Tuning: Casambi, DMX.

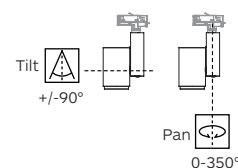
## Applications

A stylish motorized spotlight created for the purpose to meet the highest requirements of the most advanced lighting technology.

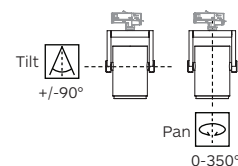
Application areas: retail, museums, hospitality, offices.

Moto - Zero 66 / 100

Moto - Zero Zoom 66



Moto - Zero 130



# Moto-Zero 66 & Moto-Zero Zoom 66



## Moto-Zero 66

Main Voltage Track

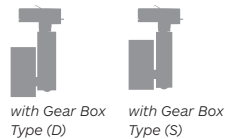
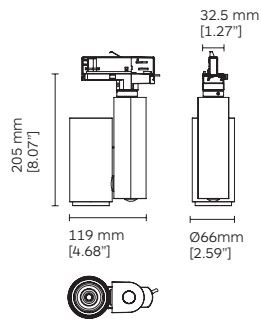


## Moto-Zero Zoom 66

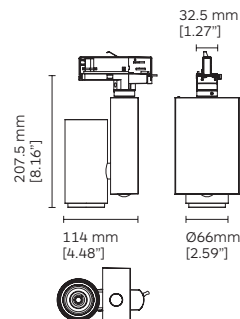
Main Voltage Track



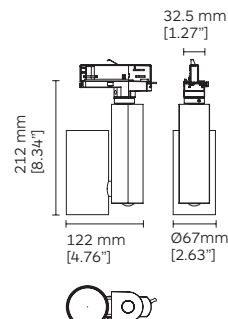
### Gear Box Type D (D)



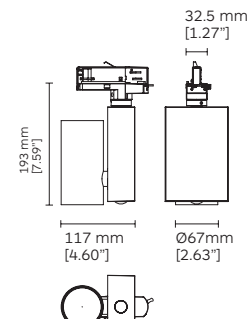
### Gear Box Type S (S)



### Gear Box Type D (D)



### Gear Box Type S (S)



Code ordering example: **M 6 2 1 | C 3 2 - 9 0 3 0 1 5 | D L 1 0**

	Product code	Light source code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam angle (BA°)	Driver & Box Type Options	Finish
Moto - Zero 66	<b>M621</b>	<b>IC32</b> COB LED	<b>90</b>	<b>30</b> 3000K	26W	2450 lm	<b>15 / 23 / 45</b>	<b>DL</b> Laser Dim	<b>10</b> ■ Black
		<b>BR21</b> High Power LED	<b>40</b>	4000K	6W	530 lm	<b>05</b>	<b>DC</b> CASAMBI	<b>11</b> □ White
	<b>M641</b>	<b>BL22</b> Lumenetix <sup>1</sup>	<b>FS</b>	Full Spectrum	18W	750 lm	<b>18 / 25 / 33</b>	<b>SA</b> DALI Dim	
		<b>IU21</b> TW COB LED	<b>TW</b>	2700-6500K	13W	1290 lm	<b>16 / 25 / 48</b>	<b>D1</b> 0 - 10 Dim	
		<b>BS</b> Beam shaping						<b>SX</b> DMX	
Moto - Zero Zoom 66	<b>M641</b>	<b>BC31</b> COB LED	<b>90</b>	<b>30</b> 3000K	14W	1410 lm	<b>BS</b> (10° - 30°) <sup>2</sup>	<b>DC</b> CASAMBI	
			<b>40</b>	4000K		1540 lm		<b>SA</b> DALI Dim	
								<b>D1</b> 0 - 10 Dim	
								<b>SX</b> DMX	

### Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, Tuneable White (TW) version please contact us. For Tuneable White (TW) option, the type of driver box is always Square shape (S).

**BS:** Beam shaping. <sup>2</sup>Wide angle donotes as field angles.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>2</sup> The values in the nominal lumen are referring to the peak lumen.

Pan/tilt/zoom control by Casambi app. Dim options: Casambi app or 0-10V / DALI / DMX by main control system .



# Moto-Zero 100 & Moto-Zero 130



## Moto-Zero 100

Main Voltage Track

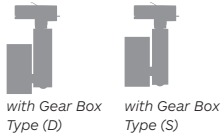
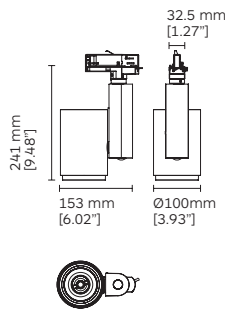


## Moto-Zero 130

Main Voltage Track



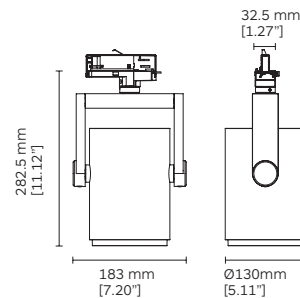
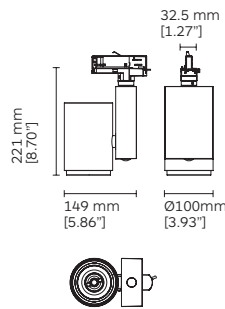
Gear Box Type D (D)



with Gear Box Type (D)

with Gear Box Type (S)

Gear Box Type S (S)



Code ordering example: **M 6 2 0 | I C 3 3 | 9 0 | 3 0 | 1 2 | D C | 1 0**

	Product code	Light source code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam angle (BA°)	Driver & Box Type Options	Finish
Moto - Zero 100	<b>M620</b>	<b>IC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	33W	3290 lm	<b>12 / 27 / 55</b>	<b>DC</b> <b>S</b>	<b>10</b> Black
				<b>40</b> 4000K		3430 lm		<b>SA</b> DALI Dim	<b>11</b> White
		<b>BR21</b> High Power LED			21W	1862 lm	<b>07 / 24 / 36</b>	<b>D1</b> 0 - 10 Dim	
						1920 lm		<b>SX</b> DMX	
		<b>BL23</b> Lumenetix <sup>1</sup>		<b>FS</b> Full Spectrum	25W	950 lm	<b>12 / 19 / 28</b>	<b>DC</b> <b>SC</b> CASAMBI	
Moto - Zero 130	<b>M619</b>	<b>IU31</b> TW COB LED	<b>90</b>	<b>TW</b> 2700-6500K	25W	2400 lm	<b>20 / 29 / 41</b>		
		<b>IC34</b> COB LED		<b>30</b> 3000K	43W	4480 lm	<b>10 / 18 / 42</b>	<b>DL</b> Laser Dim	
				<b>40</b> 4000K		4670 lm		<b>DC</b> CASAMBI	
		<b>BR21</b> High Power LED			29W	2780 lm	<b>07 / 24 / 36</b>	<b>DA</b> Dali Dim	
						2910 lm		<b>D1</b> 0-10 Dim	
		<b>BE31</b> RGBW		<b>RG</b> BW	34W	2320 lm	<b>12 / 24 / 36</b>	<b>DX</b> DMX	
		<b>BL35</b> Lumenetix <sup>1</sup>		<b>FS</b> Full Spectrum	50W	2600 lm	<b>26 / 31 / 36</b>	<b>DC</b> CASAMBI	
		<b>BU81</b> TW High Power LED		<b>TW</b> 2700-6500K	33W	3260 lm	<b>20 / 30 / 40</b>		

### Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.



Product Name: Moto-Zero  
Location of Project: Opera Gallery, Hong Kong

# Moto-Ola



## Body

Motorized track mounted spotlight with light head and control gear box in cast aluminium. Moto-Ola is available in 2 light head diameters: 100mm and 130mm. The fixtures are inclusive of adapter compatible with 3 phase eurotype track.

The control gearbox is available in two different shapes, D and S, too fit different type of drivers. Check page 93 for more details about the dimensions and the details of the control gearboxes.

Two DC motors drive the movements of the fixture, tilting them vertically up to 90° in two directions and rotating them horizontally 350°. The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

For more information about track accessories see page 92-93.

## Finish

Powder coat in black and white colour.

## LED sources

COB LED. High Power LED. Lumenetix Full Spectrum.  
CRI: 90, 95 (100) | CCT: 3000K, 4000K, Full Spectrum.  
Other CRI and CCT options available on request.

## Optic

Lens.

Narrow, medium and wide beam angle available.

Moto-Ola 130 available in wallwasher version.

## Driver

Dimmable driver integrated in the gear box.

Motion Control: Casambi, LaserDim.

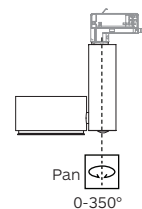
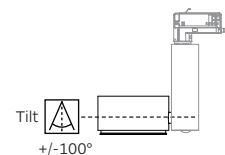
Dimming Options: Casambi, LaserDim, 0-10V, DALI, DMX.

Colour Tuning: Casambi, DMX.

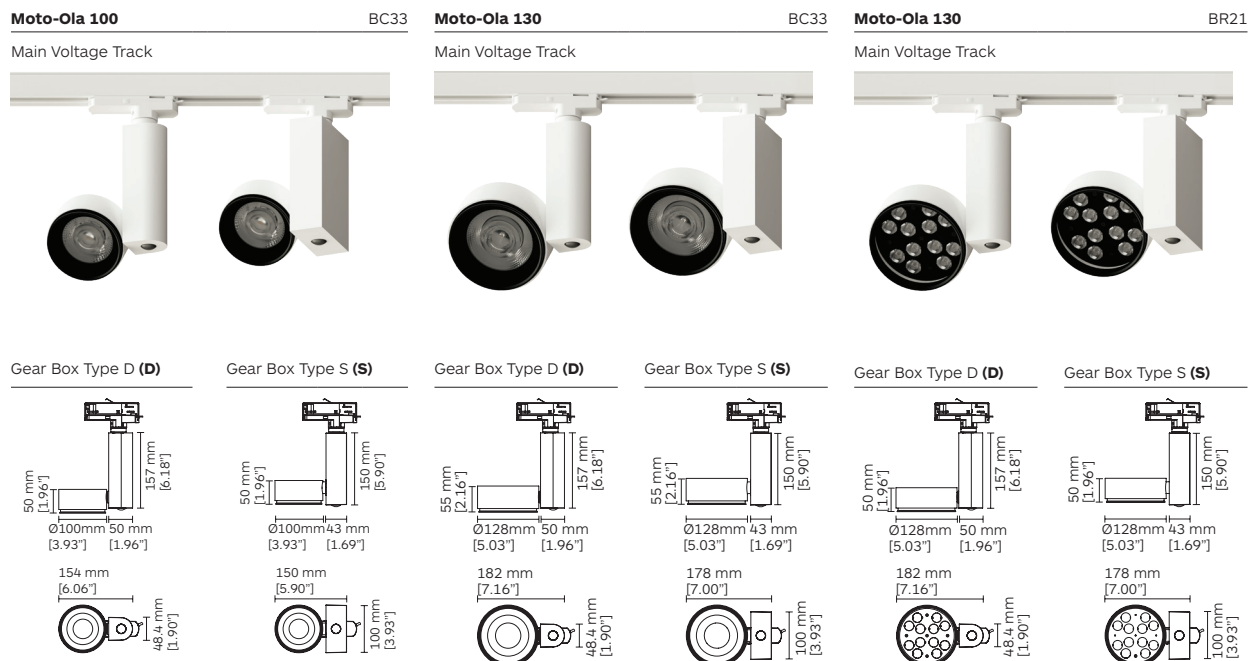
## Applications

A chic and alluring light fixture, created by formalighting's passionate designers. The MOTOLUX technology permit to promptly adapt the light to any scene change.

Application areas: museums, hotels, restaurants, retail.



# Moto-Ola



Code ordering example: **M 6 3 7 B C 3 3 - 9 0 3 0 1 5 D L 1 0**

	Product code	Light source code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam angle (BA°)	Driver & Box Type Options	Finish
Moto - Ola 100	<b>M637</b>	<b>BC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	17W	1934 lm	<b>15 / 24 / 37</b>	<b>DL</b> Laser Dim	<b>10</b> Black
				<b>40</b> 4000K		2041 lm		<b>DC</b> CASAMBI	<b>11</b> White
	<b>BR21</b>	High Power LED	<b>90</b>	<b>30</b> 3000K	21W	1862 lm	<b>07 / 24 / 36</b>	<b>SA</b> DALI Dim	
				<b>40</b> 4000K		1920 lm		<b>D1</b> 0 - 10 Dim	
								<b>SX</b> DMX	
	<b>BL22</b>	Lumenetix <sup>1</sup>	<b>90</b>	<b>FS</b> Full Spectrum	18W	750 im	<b>18 / 25 / 34</b>	<b>DC</b> CASAMBI	
Moto - Ola 130	<b>M622</b>	<b>BC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	25W	2760 lm	<b>12 / 22 / 32</b>	<b>DL</b> Laser Dim	
				<b>40</b> 4000K		3000 lm		<b>DC</b> CASAMBI	
	<b>BR21</b>	High Power LED	<b>90</b>	<b>30</b> 3000K	29W	2780 lm	<b>07 / 24 / 36</b>	<b>SA</b> DALI Dim	
				<b>40</b> 4000K		2910 lm		<b>D1</b> 0 - 10 Dim	
	<b>BR11</b>	High Power LED	<b>90</b>	<b>30</b> 3000K	24W	2550 lm	<b>10 / 23 / 46 / WW</b>	<b>SX</b> DMX	
				<b>40</b> 4000K		2730 lm			
	<b>BL23</b>	Lumenetix <sup>1</sup>	<b>90</b>	<b>FS</b> Full Spectrum	25W	950 im	<b>11 / 19 / 28</b>	<b>DC</b> CASAMBI	
								<b>DX</b> DMX	

## Notes:

\* For complete code ordering information, please see page 97.

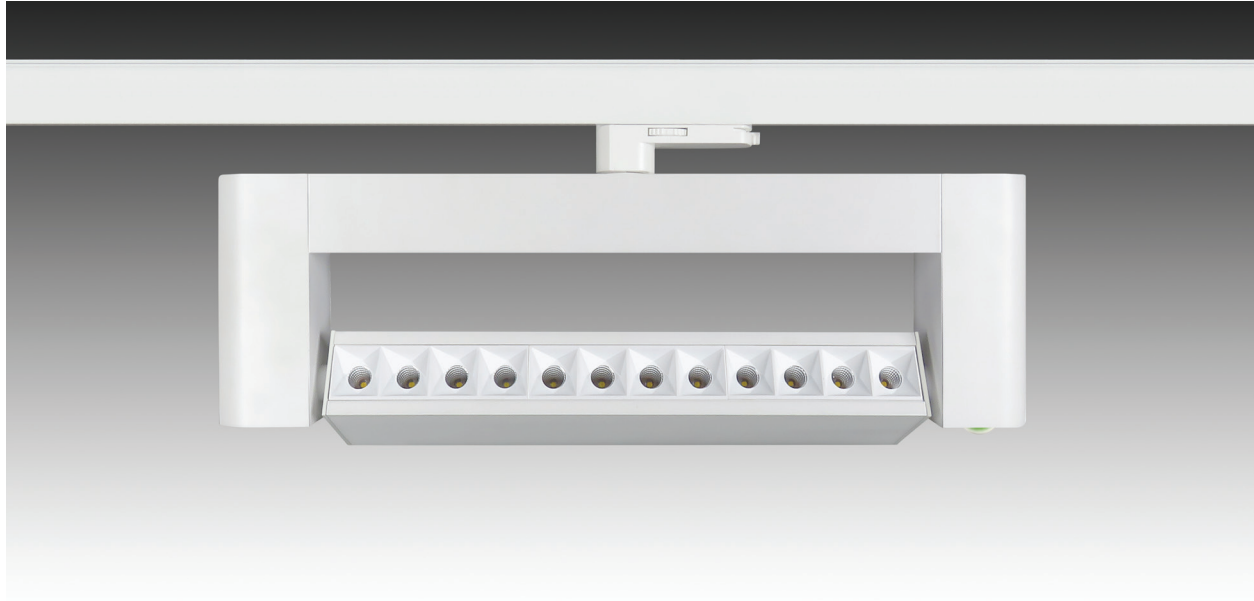
\*\* For other CCT options, Tuneable White (**TW**) version please contact us. For Tuneable White (**TW**) option, the type of driver box is always Square shape (**S**).

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.

**WW:** Wallwasher  
PATENTED

# Moto-Polaris



## Body

Motorized track mounted spotlight with light body and light heads housing in cast aluminium. Light heads inclusive of integrated diamond faceted no-dazzle screen in thermoplastic to meet greater visual comfort and high light efficiency.

Moto-Polaris is available in 2 two different configuration with 8 or 12 light heads. The fixtures are inclusive of adapter compatible with 3 phase eurotype track. Two DC motors drive the movements of the fixtures, tilting them vertically up to 100° in two directions and rotating them horizontally 350°.

The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application

## Accessories

For more information about track accessories see page 92-93.

## Finish

Powder coat in black and white colour.

## LED sources

High Power LED. CRI: 90 | CCT: 3000K, 4000K. Other CRI and CCT options available on request.

## Optic

Reflector.

Medium and wide beam angle available.

## Driver

Integrated dimmable driver.

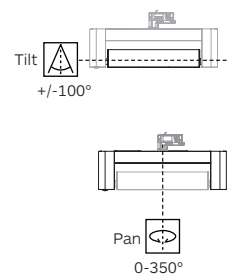
Motion Control: Casambi, LaserDim.

Dimming Options: Casambi, LaserDim, 0-10V, DALI, DMX.

## Applications

An innovative solution for high brilliance and performance. The MOTOLUX technology allow to oriented the light where is needed.

Application areas: museums, conference rooms, hotels, restaurants, retail.



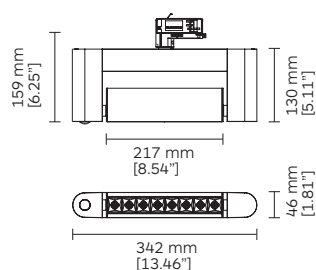


# Moto-Polaris



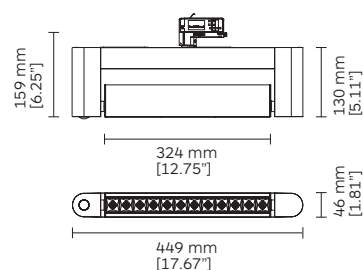
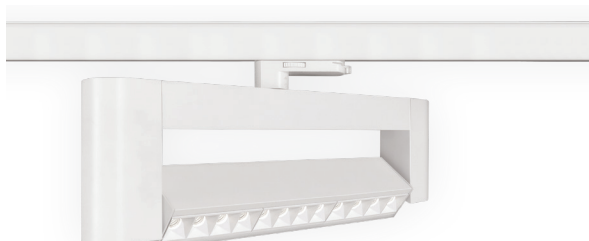
## Moto - Polaris

Main Voltage Track with 8 LEDs



## Moto - Polaris

Main Voltage Track with 12 LEDs



Code ordering example: **M618 BO11-90 30 34 DL 10**

	Product code	Light source code*	>CRI	CCT**	LED Power	Normal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto-Polaris with 8 LEDs	<b>M618</b>	<b>BO11</b> High Power LED	<b>90</b>	<b>30</b> 3000K	8x2W	1520 lm	<b>34 / 50</b>	<b>DL</b> Laser-Dim	<b>10</b> ■ Black
				<b>40</b> 4000K		1920 lm		<b>DC</b> CASAMBI	<b>11</b> □ White
Moto-Polaris with 12 LEDs	<b>M617</b>				12x2W	2280 lm		<b>DS</b> Scene by CASAMBI	
						2880 lm			

### Notes:

\* For complete code ordering information, please see page 97.

\*\* For other CCT options, Tuneable White (TW)  version please contact us.

# Moto-Combo & Moto-Combo Zoom



## Body

Motorized round recessed luminaire with mounting trim and light head made of cast aluminium. Fixture body made of aluminium and mounting ring of mild steel. Brackets for trim installation on ceiling thickness max. 25 mm.

Two DC motors drive the movements of the fixture, which is tiltable vertically 40° in all directions on a dual axis gimbal. A third motor controls a special lens, which allows the user to shape the light beam range between 7°-18°.

The movements and the beam shaping of the fixture, as well as the intensity and the colour tuning of the light, are controlled via LaserDim™ remote control or CASAMBI™ application.

## Accessories

Honeycomb louvre.  
For more information about accessories see page 83.

## Finish

Powder coat in black, white and grey colour.

## LED sources

COB LED, High Power LED, Lumenetix Full Spectrum.  
Zoom COB LED.

CRI: 90 | CCT: 3000K, 4000K, FS.

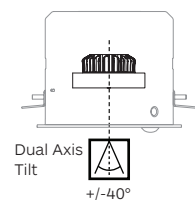
Other CRI and CCT options, Tuneable White and DimToWarm versions available on request

## Optic

Lens.

Narrow, medium and wide beam angle available.

Zoom version available with a 7°-18° range.



## Driver

Supplied with remote dimmable driver.

Motion Control: Casambi, LaserDim.

Dimming Options: Casambi, LaserDim, 0-10V, DALI, DMX.

Colour Tuning: Casambi, DMX.

## Applications

Ideal solution for festive and celebration events. Downlight designed with a concealed lamp setting offering visual comfort. The Zoom option makes Moto-Combo perfect for ambience, which need frequent reconfiguration.

Application areas: banquet halls, ballrooms, restaurants.

# Moto-Combo & Moto-Combo Zoom

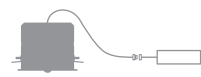
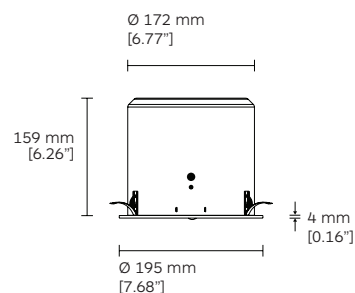


## Moto-Combo & Moto-Combo Zoom

Trim



Ø186



Code ordering example: **M 5 3 3 A C 3 3 - 9 0 3 0 1 5 D L 1 0**

	Product code	Light source code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto-Combo	<b>M533</b>	<b>AC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	21W	2280 lm	<b>15 / 24 / 38</b>	<b>DL</b> Laser-Dim	<b>10</b> Black
				<b>40</b> 4000K		2490 lm		<b>DC</b> CASAMBI	<b>11</b> White
		<b>MR21</b> High Power LED			26W	2630 lm	<b>07 / 24 / 36</b>	<b>DA</b> Dali Dim	<b>75</b> Grey
						2750 lm		<b>D1</b> 0-10 Dim	
								<b>DX</b> DMX	
Moto-Combo Zoom	<b>M590</b>	<b>ML22</b> Lumenetix <sup>1</sup>	<b>90</b>	<b>FS</b> Full Spectrum	18W	950 lm	<b>11 / 19 / 28</b>	<b>DC</b> CASAMBI	
								<b>DX</b> DMX	
		<b>MN21</b> COB LED	<b>90</b>	<b>30</b> 3000K	17W	1827 lm	<b>BS</b> (07° - 18°)	<b>DC</b> CASAMBI	
				<b>40</b> 4000K		1955 lm			
		<b>MN31</b> TW COB LED	<b>90</b>	<b>TW</b> from 2700K to 5000K	21W	from 1980 lm to 2655 lm	<b>BS</b> (14° - 28°)	<b>DC</b> CASAMBI	

### Notes:

\* For complete code ordering information, please see page 97.  
For related accessories, please see page 82-83.

\*\* For other CCT options, please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.

PATENTED

**BS:** Beam shaping.

# Moto-Venus

Recessed Round & Square 70 | 125

## Venus Concave



## Venus



## Body

Motorized round/square recessed luminaire with mounting trim and light body made of cast aluminium. Body aesthetic available in Flat or Concave design. The luminaire includes brackets for trim installation on ceiling thickness max. 32mm, or trimless installation (only Venus 125) on ceiling thickness max. 25mm.

Two remote controlled DC motors drive the movements of the fixture. Moto-Venus 70 is tiltable vertically 0-30° in two directions, Moto-Venus 125 is tiltable vertically 0-45° in two directions. All the fixtures are rotatable horizontally 350°.

The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

No accessories available

## Finish

Powder coat in black or white colour.

## LED sources

COB LED.

CRI: 90 | CCT: 3000K, 4000K.

Other CRI and CCT options available on request.

## Optic

Reflector + diffuser.

Narrow, medium and wide beam angle available.

## Driver

Supplied with remote dimmable driver.

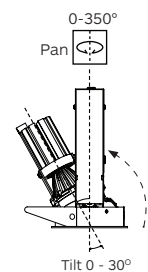
Motion Control: Casambi.

Dimming Options: Casambi, 0-10V, DALI.

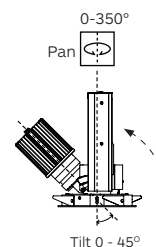
## Applications

The smallest motorized recessed luminaire in the market. The MOTOLUX technology add the versatility to adapt the direction and intensity of light to any type of environment. Application areas: hotels, residential, lobbies, offices, restaurants.

Moto - Venus 70



Moto - Venus 125



# Moto-Venus Concave

IP20

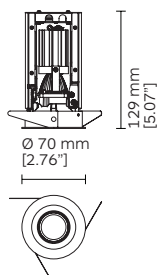
850°


**Moto-Venus Concave 70**

Round Trim ○



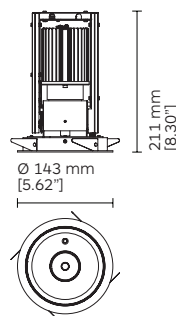
Ø67


**Moto-Venus Concave 125**

Round Trim ○



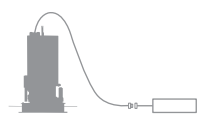
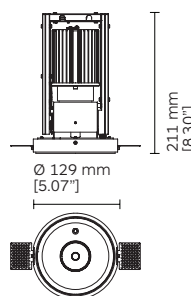
Ø134


**Moto-Venus Concave 125**

Round Trimless ○



Ø134



Code ordering example: **M 5 5 8 M C 3 1 - 9 0 3 0 1 8 D C 1 0**

	Product Code	Ingress Protection	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto-Venus Concave 70 Round	<b>M558</b> ○	IP20	<b>MC31</b> COB LED	<b>90</b>	<b>30</b> 3000K <b>40</b> 4000K	6W	616 lm 643 lm	<b>18 / 24 / 32</b>	<b>DC</b> CASAMBI <b>DA</b> Dali Dim	<b>10</b> ■ Black <b>11</b> □ White
Moto-Venus Concave 125 Round	<b>M555</b> ○ <b>M573</b> ○		<b>MC22</b> COB LED			22W	2418 lm 2456 lm	<b>20 / 30</b>	<b>D1</b> 0-10V Dim <b>DX</b> DMX	

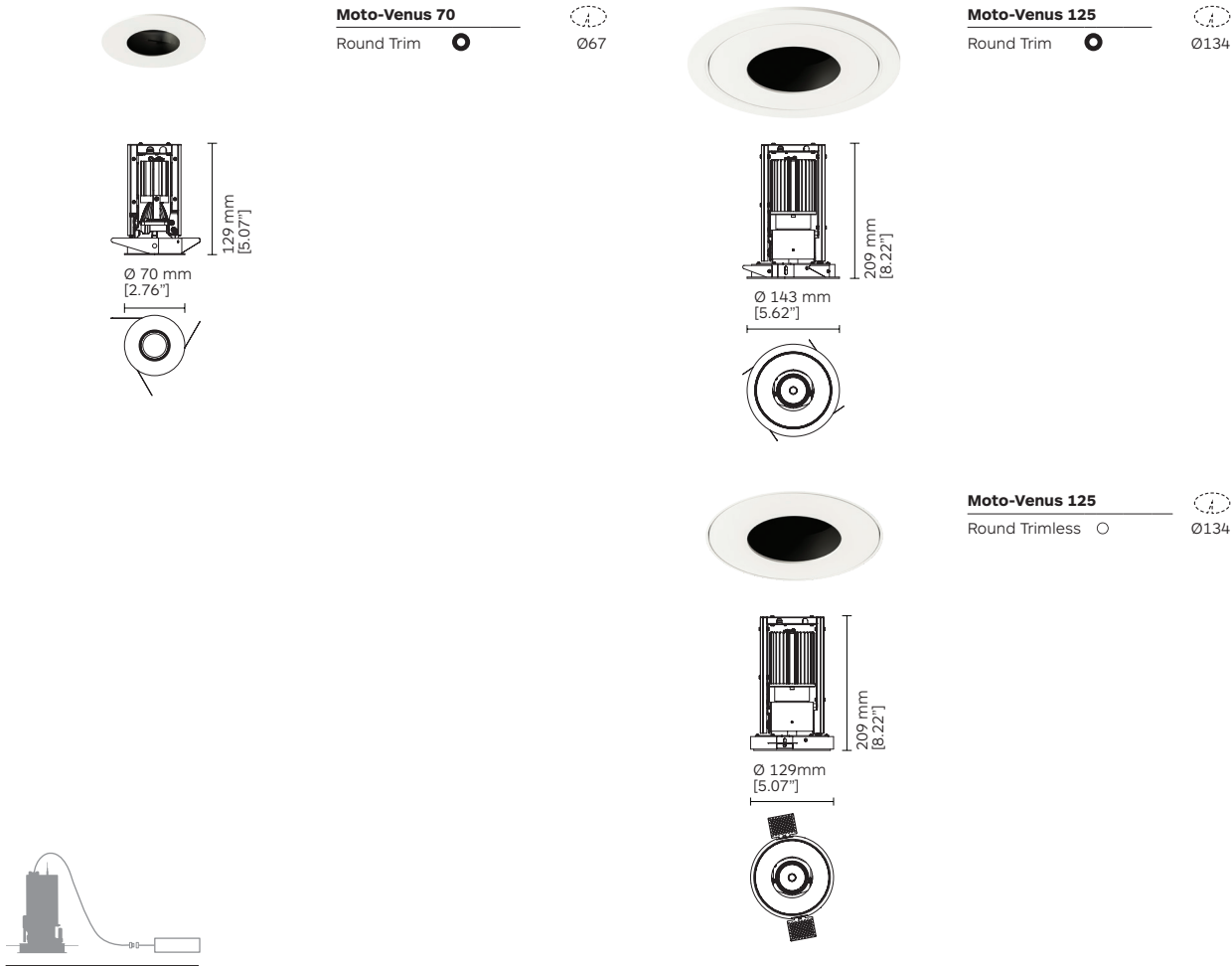
## Notes:

\* For complete code ordering information, please see page 97.






\*\* For other CCT options, Tuneable White (TW)  version please contact us.




Moto-Venus



Code ordering example: **M 5 6 0 M C 3 1 - 9 0 3 0 1 8 D C 1 0**

	Product Code	Ingress Protection	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto-Venus 70 Round	<b>M560</b> 	IP20	<b>MC31</b> COB LED	<b>90</b>	<b>30</b> 3000K	6W	616 lm	<b>18 / 24 / 32</b>	<b>DC</b> CASAMBI	<b>10</b>  Black
					<b>40</b> 4000K		643 lm			<b>11</b>  White
Moto-Venus 125 Round	<b>M556</b> 		<b>MC22</b> COB LED			22W	2418 lm	<b>20 / 30</b>	<b>D1</b> 0-10V Dim	
	<b>M572</b> 						2456 lm			
									<b>DX</b> DMX	

Notes:

- \* For complete code ordering information, please see page 97.
- \*\* For other CCT options, Tuneable White  version please contact us.

# Moto-Venus Concave



**Moto-Venus Concave 70**

Square Trim



□ 67

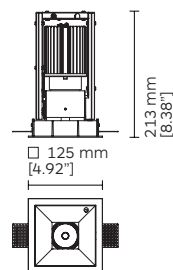
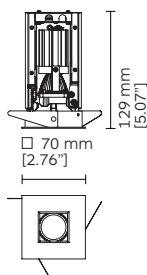


**Moto-Venus Concave 125**

Square Trim



□ 114

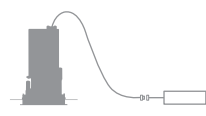
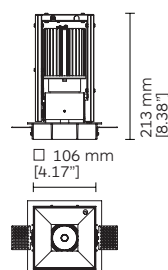


**Moto-Venus Concave 125**

Square Trimless



□ 114



Code ordering example: **M 5 5 9 M C 3 1 - 9 0 3 0 1 8 D C 1 0**

	Product Code	Ingress Protection	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto-Venus Concave 70 Square	<b>M559</b>	IP20	<b>MC31</b> COB LED	<b>90</b>	<b>30</b> 3000K	6W	616 lm	<b>18 / 24 / 32</b>	<b>DC</b> CASAMBI	<b>10</b> Black
					<b>40</b> 4000K		643 lm		<b>DA</b> Dali Dim	<b>11</b> White
Moto-Venus Concave 125 Square	<b>M554</b> <b>M575</b>		<b>MC22</b> COB LED			22W	2418 lm 2456 lm	<b>20 / 30</b>	<b>D1</b> 0-10V Dim <b>DX</b> DMX	

## Notes:

\* For complete code ordering information, please see page 97.

\*\* For other CCT options, Tuneable White (TW) version please contact us.

# Moto-Venus



Moto-Venus 70

Square Trim



□ 67

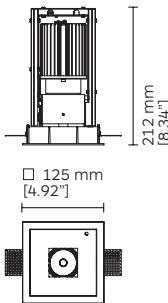
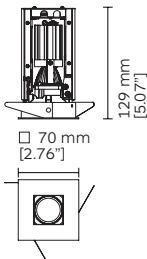


Moto-Venus 125

Square Trim



□ 114

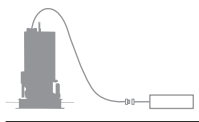
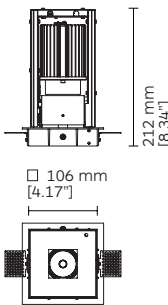


Moto-Venus 125

Square Trimless



□ 114



Code ordering example: **M 5 5 9 M C 3 1 - 9 0 3 0 1 8 D C 1 0**

	Product Code	Ingress Protection	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto-Venus 70 Square	<b>M561</b>	IP20	<b>MC31</b> COB LED	<b>90</b>	<b>30</b> 3000K	6W	616 lm	<b>18 / 24 / 32</b>	<b>DC</b> CASAMBI	<b>10</b> Black
					<b>40</b> 4000K		643 lm		<b>DA</b> Dali Dim	<b>11</b> White
Moto-Venus 125 Square	<b>M557</b>		<b>MC22</b> COB LED			22W	2418 lm	<b>20 / 30</b>	<b>D1</b> 0-10V Dim	
							2456 lm		<b>DX</b> DMX	

Notes:

\* For complete code ordering information, please see page 97.

\*\* For other CCT options, Tuneable White (TW) version please contact us.



# Moto-Zero In & Out

Recessed 40 | 66



## Body

Fully adjustable round recessed motorized luminaire with retractable light head. Mounting trim and light head are made of cast aluminium, recessed light housing made of painted metal. Moto-Zero In&Out is available in 2 different light head diameters: 40mm and 66mm.

The luminaire includes springs for trim installation on ceiling thickness 1-25mm. Three remote controlled DC motors drive the movements of the fixtures. The fixtures are rotatable horizontally 350° and, after full extraction of the light head, tiltable vertically up to 90°.

The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

For 66 Version: linear spread, honeycomb louvre.  
For more information about accessories see page 83.

## Finish

Powder coat in black or white colour.

## LED sources

COB LED, High Power LED, Lumenetix Full Spectrum (66), Zoom COB LED.

CRI: 90 | CCT: 3000K, 4000K, FS.

Other CRI and CCT options, Tuneable White and DimToWarm versions available on request

## Optic

Lens.

Super narrow, narrow, medium and wide beam angle available.

## Driver

Supplied with remote dimmable driver.

Motion Control: Casambi.

Dimming Options: Casambi, 0-10V, DALI, DMX.

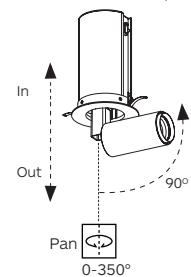
Colour Tuning: Casambi, DMX.

## Applications

Its unique pull-down mechanism, enables it to function as either a downlight or a exposed lamp able to emulate a surface or track fixture.

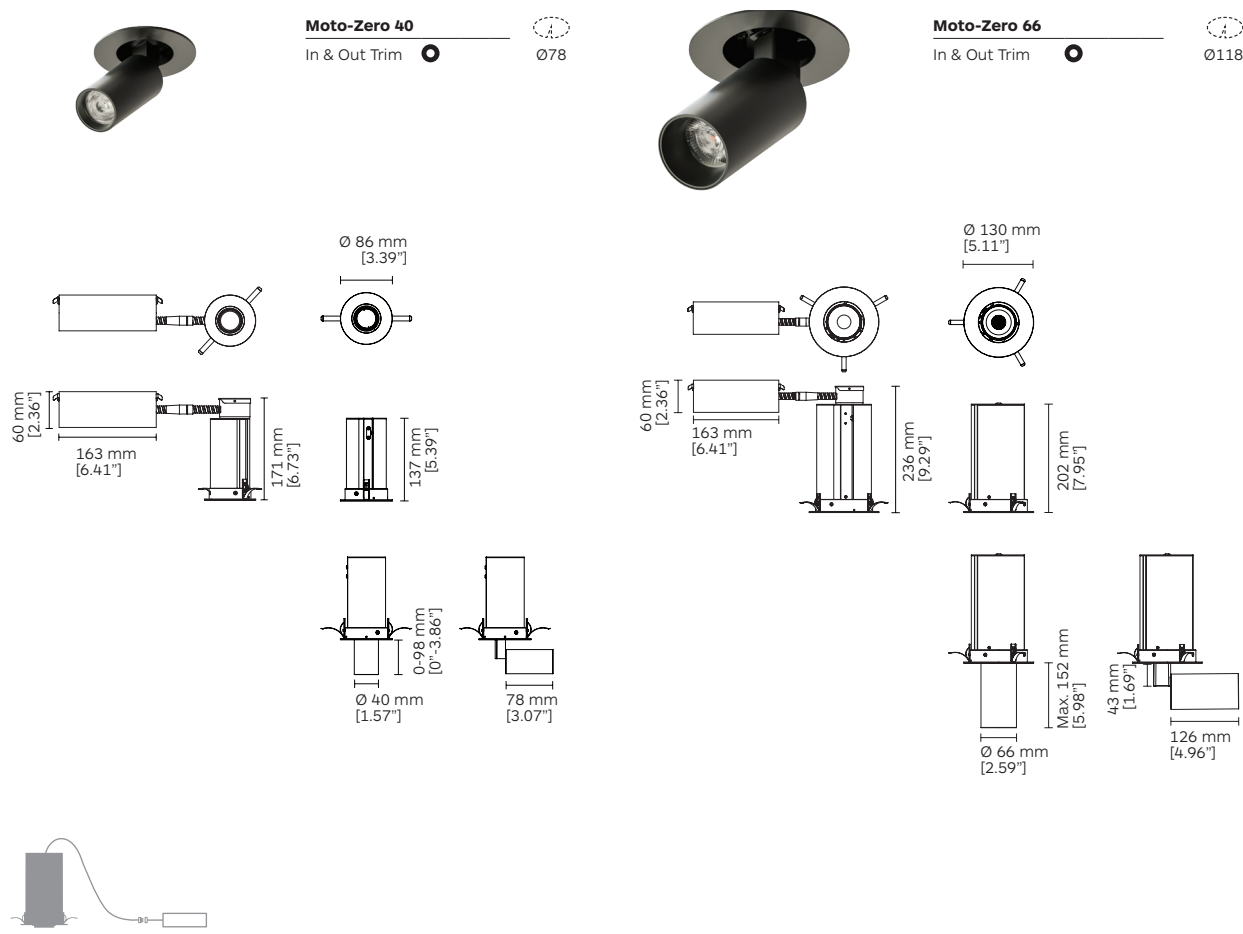
Application areas: retail, hotels, museums, window displays.

Moto - Zero Compasso  
40 / 66





# Moto-Zero In & Out



Code ordering example: **M 5 6 2 B C 3 1 - 9 0 3 0 1 6 D C 1 0**

	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto-Zero 40 In & Out	<b>M562</b>	<b>BC31</b> COB LED	<b>90</b>	<b>30</b> 3000K	6W	664 lm	<b>16 / 26 / 36</b>	<b>DC</b> CASAMBI	<b>10</b> Black
				<b>40</b> 4000K		722 lm		<b>DA</b> Dali Dim	<b>11</b> White
	<b>BR21</b>	High Power LED	<b>90</b>		4W	400 lm	<b>07 / 24 / 36</b>	<b>D1</b> 0-10V Dim	
						430 lm		<b>DX</b> DMX	
Moto-Zero 66 In & Out	<b>M563</b>	<b>BC22</b> COB LED	<b>90</b>	<b>30</b> 3000K	12W	1550 lm	<b>16 / 25 / 36</b>		
				<b>40</b> 4000K		1570 lm			
	<b>BR21</b>	High Power LED	<b>90</b>		6W	532 lm	<b>05</b>		
						575 lm			
	<b>BL22</b>	Lumenetix <sup>1</sup>		<b>FS</b> Full Spectrum	18W	750 lm	<b>18 / 25 / 34</b>	<b>DC</b> CASAMBI	
								<b>DX</b> DMX	

## Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, Tuneable White (TW) version please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.

PATENT Pending

# Moto-Palla In & Out

Recessed Round & Square 70 | 100 | 130



## Body

Round/square recessed motorized luminaire with retractable light head. Mounting trim and light head are made of cast aluminium, recessed light housing made of painted metal. Moto-Palla In&Out is available in 3 different light head diameters: 66mm, 100mm and 130mm.

The luminaire includes brackets for trim installation on ceiling thickness max. 25 mm or trimless installation on ceiling thickness max. 30 mm. Two remote controlled DC motors drive the movements of the fixtures. The fixtures are rotatable horizontally 350° and, tiltable vertically in two directions (0°-10° In, 0°-90° Out).

The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

Honeycomb louvre.  
For more information about accessories see page 83.

## Finish

Powder coat in black or white colour.

## LED sources

COB LED, High Power LED (130), Lumenetix Full Spectrum (100, 130).

CRI: 90 | CCT: 3000K, 4000K, FS.

Other CRI and CCT options, Tuneable White and DimToWarm versions available on request

## Optic

Lens.

Narrow, medium and wide beam angle available.

## Driver

Supplied with remote dimmable driver.

Motion Control: Casambi, LaserDim.

Dimming Options: Casambi, LaserDim, 0-10V, DALI, DMX.

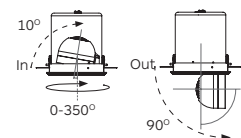
Colour Tuning: Casambi, DMX.

## Applications

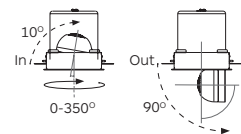
Its pull down mechanism powered by MOTOLUX technology, enables it to function either as a downlight, a regressed accent light, or a exposed lamp able to emulate a track fixture.

Application areas: retail, hotels, restaurants, offices.

Moto - Palla In & Out Round



Moto - Palla In & Out Square



# Moto-Palla In & Out


**Moto-Palla 70**

In &amp; Out Round Trim

Ø120

**Moto-Palla 100**

In &amp; Out Round Trim

Ø150

**Moto-Palla 130**

In &amp; Out Round Trim

Ø180


**Moto-Palla 70**

In &amp; Out Round Trimless

Ø132

**Moto-Palla 100**

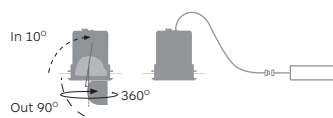
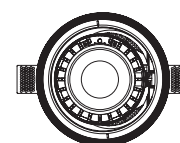
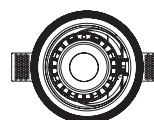
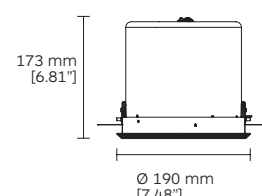
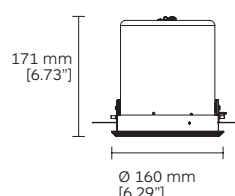
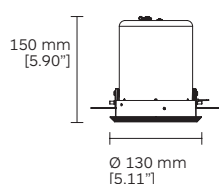
In &amp; Out Round Trimless

Ø162

**Moto-Palla 130**

In &amp; Out Round Trimless

Ø192


 Code ordering example: **M 5 4 8 B C 2 2 - 9 0 3 0 1 6 D L 1 0**

	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto -Palla 70 In & Out Round	<b>M548</b>	<b>BC22</b> COB LED	<b>90</b>	<b>30</b> 3000K	12W	1500 lm	<b>16 / 25 / 36</b>	<b>DL</b> Laser Dim	<b>10</b> Black
	<b>M549</b>			<b>40</b> 4000K		1550 lm		<b>DC</b> CASAMBI	<b>11</b> White
Moto - Palla 100 In & Out Round	<b>M550</b>	<b>BC33</b> COB LED			21W	2200 lm	<b>15 / 24 / 38</b>	<b>DA</b> DALI	
	<b>M551</b>					2300 lm		<b>D1</b> 0-10V Dim	
								<b>DX</b> DMX	
		<b>BL22</b> Lumenetix <sup>1</sup>		<b>FS</b> Full Spectrum	18W	750 lm	<b>18 / 25 / 33</b>	<b>DC</b> CASAMBI	
Moto - Palla 130 In & Out Round	<b>M552</b>	<b>BC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	33W	3220 lm	<b>12 / 22 / 32</b>	<b>DL</b> Laser Dim	
	<b>M553</b>			<b>40</b> 4000K		3300 lm		<b>DC</b> CASAMBI	
		<b>BR21</b> High Power LED			21W	1862 lm	<b>07 / 24 / 36</b>	<b>DA</b> DALI	
						1920 lm		<b>D1</b> 0-10V Dim	
								<b>DX</b> DMX	
		<b>BL23</b> Lumenetix <sup>1</sup>		<b>FS</b> Full Spectrum	25W	950 lm	<b>12 / 19 / 28</b>	<b>DC</b> CASAMBI	
								<b>DX</b> DMX	

**Notes:**

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, Tuneable White (TW) version please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

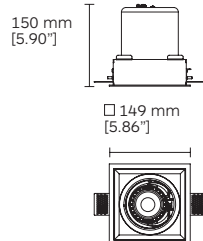
<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.

PATENT Pending

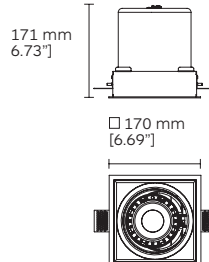
# Moto-Palla In & Out


**Moto-Palla 70**

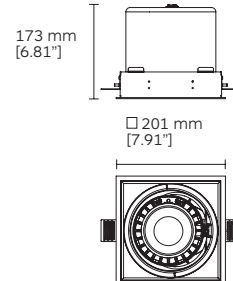
In &amp; Out Square Trim


**Moto-Palla 100**

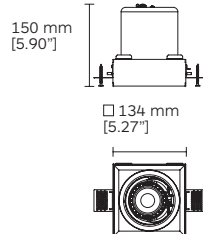
In &amp; Out Square Trim


**Moto-Palla 130**

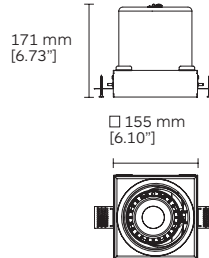
In &amp; Out Square Trim


**Moto-Palla 70**

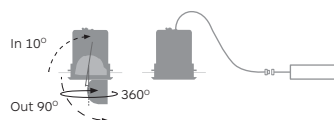
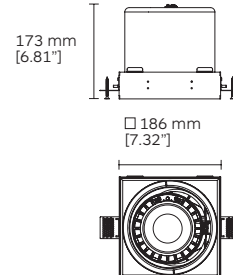
In &amp; Out Square Trimless


**Moto-Palla 100**

In &amp; Out Square Trimless


**Moto-Palla 130**

In &amp; Out Square Trimless


 Code ordering example: **M 5 6 6 B C 2 2 - 9 0 3 0 1 6 D L 1 0**

	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto -Palla 70 In & Out Square	<b>M566</b>	<b>BC22</b> COB LED	<b>90</b>	<b>30</b> 3000K	12W	1500 lm	<b>16 / 25 / 36</b>	<b>DL</b> Laser Dim	<b>10</b> Black
	<b>M567</b>			<b>40</b> 4000K		1550 lm		<b>DC</b> CASAMBI	<b>11</b> White
Moto - Palla 100 In & Out Square	<b>M568</b>	<b>BC33</b> COB LED			21W	2200 lm	<b>15 / 24 / 38</b>	<b>DA</b> DALI	
	<b>M569</b>					2300 lm		<b>D1</b> 0-10V Dim	
								<b>DX</b> DMX	
		<b>BL22</b> Lumenetix <sup>1</sup>		<b>FS</b> Full Spectrum	18W	750 lm	<b>18 / 25 / 33</b>	<b>DC</b> CASAMBI	
Moto - Palla 130 In & Out Square	<b>M570</b>	<b>BC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	33W	3220 lm	<b>12 / 22 / 32</b>	<b>DL</b> Laser Dim	
	<b>M571</b>			<b>40</b> 4000K		3300 lm		<b>DC</b> CASAMBI	
		<b>BR21</b> High Power LED			21W	1862 lm	<b>07 / 24 / 36</b>	<b>DA</b> DALI	
						1920 lm		<b>D1</b> 0-10V Dim	
								<b>DX</b> DMX	
		<b>BL23</b> Lumenetix <sup>1</sup>		<b>FS</b> Full Spectrum	25W	950 lm	<b>12 / 19 / 28</b>	<b>DC</b> CASAMBI	
								<b>DX</b> DMX	

**Notes:**

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, Tuneable White (TW) version please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.

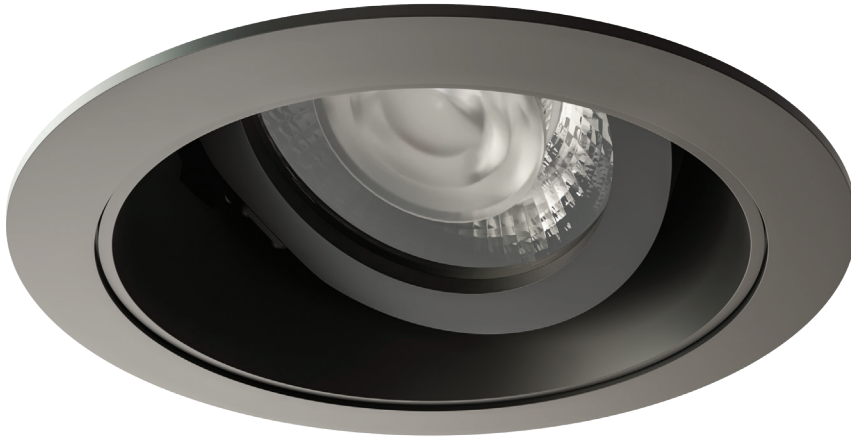
PATENT Pending





# Moto-Colosseo

90 | 120



## Body

Motorized fully adjustable round recessed luminaire. Mounting trim, light head and snoot are made of cast aluminium. Moto-Colosseo is available in 2 different light head diameters: 90mm and 120mm. The luminaire includes brackets for trim/trimless installation on ceiling thickness 6-15 mm.

Two remote controlled DC motors drive the movements of the fixture. The fixture are rotatable horizontally 350° and, tiltable vertically in two directions up to 30°.

The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

Honeycomb louvre.  
For more information about accessories see page 83.

## Finish

Powder coat in black or white colour.

## LED sources

COB LED.  
CRI: 90 | CCT: 3000K, 4000K.  
Other CRI and CCT options available on request.

## Optic

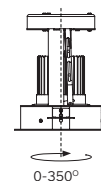
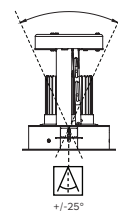
Lens.  
Narrow, medium and wide beam angle available.

## Driver

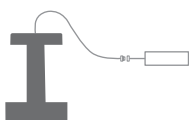
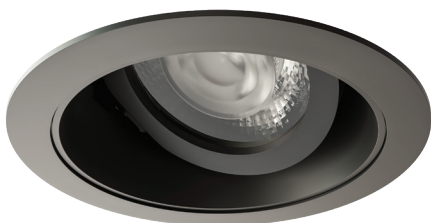
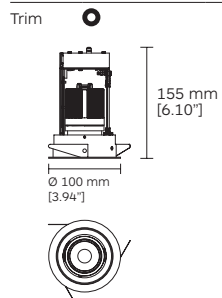
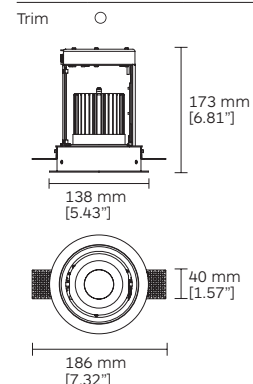
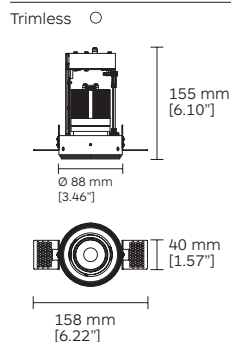
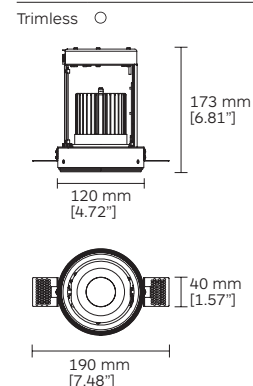
Supplied with remote dimmable driver.  
Motion Control: Casambi.  
Dimming Options: Casambi, 0-10V, DALI, DMX.

## Applications

A smart evolution of the classic formalighting's Colosseo. Fully adjustable light designed to accommodate any retail application and allow lamp aiming while power is on. Application areas: retail, shopping centers, corridors, window display.



# Moto-Colosseo


**Moto-Colosseo 90**

**Moto-Colosseo 120**

**Moto-Colosseo 90**

**Moto-Colosseo 120**


Code ordering example: **M 5 8 8 B C 3 1 - 9 0 3 0 1 1 D A 1 0**

	Product Code	Light Source Code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto-Colosseo 90	<b>M588</b> ○ <b>BC31</b>	COB LED	<b>90</b>	<b>30</b> 3000K	11W	1088 lm	<b>11 / 24 / 32</b>	<b>DA</b> Dali Dim	<b>10</b> ■ Black
	<b>M578</b> ○			<b>40</b> 4000K		1183 lm		<b>DP</b> Phase Dim	<b>11</b> □ White
Moto-Colosseo 120	<b>M579</b> ○ <b>BC32</b>	COB LED			22W	2373 lm	<b>12 / 18 / 32</b>	<b>DC</b> CASAMBI	
	<b>M589</b> ○					2637 lm		<b>D1</b> 0-10V Dim <b>DX</b> DMX	

**Notes:**

\* For complete code ordering information, please see page 97.  
For related accessories, please see page 82-83.

\*\* For other CCT options, Tuneable White (**TW**)  version please contact us.

# Moto-Gimbalo

60 | 130 | Zoom 130



## Body

Motorized Gimbal design recessed luminaire. Mounting trim and Gimbal head are made of cast aluminium. Moto-Gimbalo is available in 2 different sizes: 60mm and 130mm. The luminaire includes brackets for installation on ceiling thickness max. 25 mm.

Two remote controlled DC motors drive the movements of the fixture. Moto-Gimbalo 60: tiltable 0-40° in two directions and rotatable 350°; Moto-Gimbalo 130: Tiltable 0-40° in all directions on a dual axis gimbals. A third motor controls a special lens, which allows the user to shape the light beam of the Zoom version between 7°-18°.

The movements and the beam shaping of the fixture, as well as the intensity and the colour tuning of the light, are controlled via LaserDim™ remote control or CASAMBI™ app.

## Accessories

Linear spread, honeycomb louvre, snoot, visor.  
For more information about accessories see page 83.

## Finish

Powder coat in black, white or grey colour.

## LED sources

COB LED, High Power LED (130), Lumenetix Full Spectrum (130), Zoom COB (130).

CRI: 90 | CCT: 3000K, 4000K, FS.

Other CRI and CCT options, Tuneable White and DimToWarm versions available on request

## Optic

Lens.

Narrow, medium and wide beam angle available. Zoom version available for Moto-Gimbalo 130 with a 7°-18° range.

## Driver

Supplied with remote dimmable driver.

Motion Control: Casambi, LaserDim.

Dimming Options: Casambi, LaserDim, 0-10V, DALI, DMX.

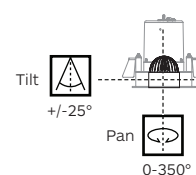
Colour Tuning: Casambi, DMX.

## Applications

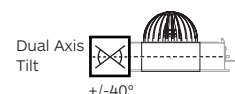
A classic formalighting fixture with the best of MOTOLUX technology.

Applications areas: retail, hotels, restaurants, hospitals, lobbies, gyms.

Moto-Gimbalo 60



Moto-Gimbalo 130



# Moto-Gimbalo & Moto-Gimbalo Zoom


**Moto-Gimbalo 60**

Trim



Ø94


**Moto-Gimbalo 130**

Trim



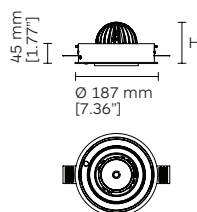
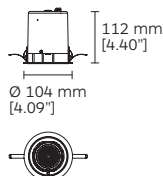
Ø175

**Moto-Gimbalo Zoom 130**

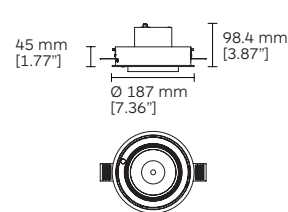
Trim



Ø175



Light source code	Height (H) in mm
<b>LC33</b>	93
<b>MR21</b>	84
<b>ML22</b>	114


**Moto-Gimbalo 60**

Trimless



Ø100


**Moto-Gimbalo 130**

Trimless



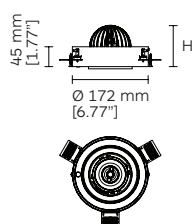
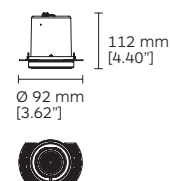
Ø175

**Moto-Gimbalo Zoom 130**

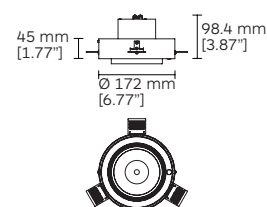
Trimless



Ø175



Light source code	Height (H) in mm
<b>LC33</b>	93
<b>MR21</b>	84
<b>ML22</b>	114



Code ordering example: **M 5 1 6 M C 2 2 - 9 0 3 0 1 8 D L 1 0**

	Product code	Light source code*	>CRI	CCT**	LED Power	Normal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - Gimbalo 60	<b>M516</b>	<b>MC22</b> COB LED	<b>90</b>	<b>30</b> 3000K	10W	1276 lm	<b>18 / 24 / 36</b>	<b>DL</b> Laser-Dim	<b>10</b> Black
	<b>M517</b>			<b>40</b> 4000K		1296 lm		<b>DC</b> CASAMBI	<b>11</b> White
		<b>MR21</b> High Power LED			6W	532 lm	<b>05</b>	<b>DA</b> Dali Dim	<b>75</b> Grey
Moto - Gimbalo 130	<b>M514</b>	<b>LC33</b> COB LED			25W	2539 lm	<b>12 / 27 / 55</b>	<b>D1</b> 0-10 Dim	
	<b>M515</b>					2761 lm		<b>DX</b> DMX	
		<b>MR21</b> High Power LED			21W	1862 lm	<b>07 / 21 / 36</b>		
		<b>ML22</b> Lumenetix <sup>1</sup>		<b>FS</b> Full Spectrum	18W	750 lm	<b>12 / 19 / 28</b>	<b>DC</b> CASAMBI	
Moto - Gimbalo Zoom 130	<b>M580</b>	<b>MN21</b> COB LED	<b>90</b>	<b>30</b> 3000K	17W	1827 lm	<b>BS</b> (07° - 18°)	<b>DC</b> CASAMBI	
	<b>M581</b>			<b>40</b> 4000K		1955 lm			

## Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, Tuneable White (TW) version please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.

PATENTED

**BS:** Beam shaping.

# Moto-MultiGimbalo

60 | 130 | Zoom 130



## Body

Motorized Gimbal design recessed luminaire. Mounting trim and Gimbal head are made of cast aluminium. Moto-MultiGimbalo is available with up to 3 heads and in 2 different sizes: 60mm and 130mm. The luminaire includes brackets for installation on ceiling thickness max. 25 mm.

Two remote controlled DC motors drive the movements of the fixture. Moto-Gimbalo 60: tiltable 0-40° in two directions and rotatable 350°; Moto-Gimbalo 130: Tiltable 0-40° in all directions on a dual axis gimbals. A third motor controls a special lens, which allows the user to shape the light beam of the Zoom version between 7°-18°.

The movements and the beam shaping of the fixture, as well as the intensity and the colour tuning of the light, are controlled via LaserDim™ remote control or CASAMBI™ app.

## Accessories

Linear spread, honeycomb louvre, snoot, visor.  
For more information about accessories see page 83.

## Finish

Powder coat in black, white and grey colour.

## LED sources

COB LED, High Power LED (130), Lumenetix Full Spectrum (130), Zoom COB (130).

CRI: 90 | CCT: 3000K, 4000K, FS.

Other CRI and CCT options, Tuneable White and DimToWarm versions available on request

## Optic

Lens.

Narrow, medium and wide beam angle available.

Zoom version available for Moto-Gimbalo 130 with a 7°-18° range.

## Driver

Supplied with remote dimmable driver.

Motion Control: Casambi, LaserDim.

Dimming Options: Casambi, LaserDim, 0-10V, DALI, DMX.

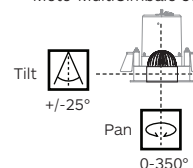
Colour Tuning: Casambi, DMX.

## Applications

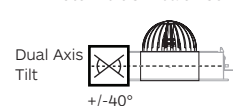
Elegant luminaire features a fully adjustable double gimbal concept combined with an elegant design and the MOTOLUX technology.

Application areas: retail, corridors, window display, hotels, restaurants, lobbies.

Moto-MultiGimbalo 60



Moto-MultiGimbalo 130

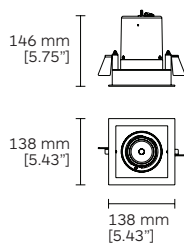




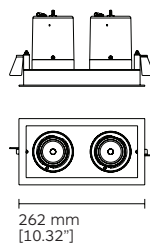
# Moto-MultiGimbalo 60


**Moto-MultiGimbalo 60**

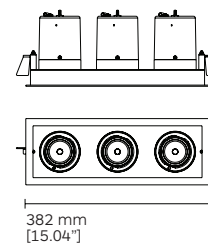
1 Head Trim


**Moto-MultiGimbalo 60**

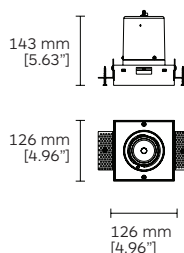
2 Heads Trim


**Moto-MultiGimbalo 60**

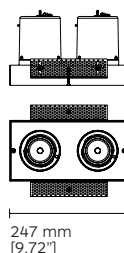
3 Heads Trim


**Moto-MultiGimbalo 60**

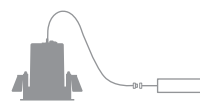
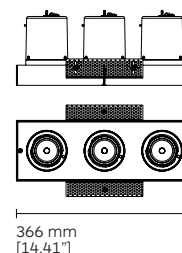
1 Head Trimless


**Moto-MultiGimbalo 60**

2 Heads Trimless


**Moto-MultiGimbalo 60**

3 Heads Trimless


 Code ordering example: **M 5 3 4 M C 2 2 - 9 0 3 0 1 8 D L 1 0**

	Product code	Light source code*	>CRI	CCT**	LED Power	Normal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - MultiGimbalo 60 1 Head	<b>M534</b> x1	<b>MC22</b> COB LED	<b>90</b>	<b>30</b> 3000K	10W	1276 lm	<b>18 / 24 / 36</b>	<b>DL</b> Laser-Dim	<b>10</b> Black
	<b>M536</b>					1296 lm		<b>DC</b> CASAMBI	<b>11</b> White
		<b>MR21</b> High Power LED			6W	530 lm		<b>DA</b> Dali Dim	<b>75</b> Grey
						580 lm		<b>D1</b> 0-10 Dim	
Moto - MultiGimbalo 60 2 Heads	<b>M538</b> x2	<b>MC22</b> COB LED			2x10W	2552 lm	<b>18 / 24 / 36</b>	<b>DX</b> DMX	
	<b>M540</b>					2592 lm			
		<b>MR21</b> High Power LED			2x6W	1060 lm			
						1160 lm			
Moto - MultiGimbalo 60 3 Heads	<b>M542</b> x3	<b>MC22</b> COB LED			3x10W	3828 lm	<b>18 / 24 / 36</b>		
	<b>M544</b>					3888 lm			
		<b>MR21</b> High Power LED			3x6W	1590 lm			
						1740 lm			

## Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, Tuneable White (TW) version please contact us.

PATENTED

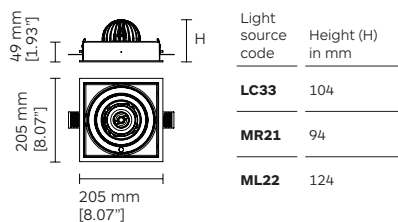
# Moto-MultiGimbalo 130-1 & Moto-MultiGimbalo Zoom 130-1



Moto-MultiGimbalo 130

1 Head Trim ☒

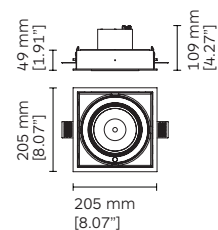
□191



Moto-MultiGimbalo Zoom 130

1 Head Trim ☒

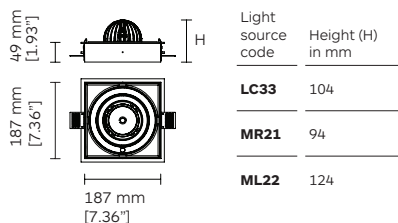
□191



Moto-MultiGimbalo 130

1 Head Trimless ☐

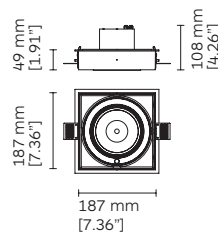
□191



Moto-MultiGimbalo Zoom 130

1 Head Trimless ☐

□191

Code ordering example: **M501LC33-903012DL10**

	Product code	Light source code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - MultiGimbalo 130 1 Head	<b>M501</b> <input checked="" type="checkbox"/> x1	<b>LC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	25W	2539 lm	<b>12 / 27 / 55</b>	<b>DL</b> Laser-Dim	<b>10</b> <input checked="" type="checkbox"/> Black
	<b>M502</b> <input type="checkbox"/>			<b>40</b> 4000K		2761 lm		<b>DC</b> CASAMBI	<b>11</b> <input type="checkbox"/> White
		<b>MR21</b> High Power LED			21W	1862 lm	<b>07 / 21 / 36</b>	<b>DA</b> Dali Dim	<b>75</b> <input checked="" type="checkbox"/> Grey
						1920 lm		<b>D1</b> 0-10 Dim	
								<b>DX</b> DMX	
Moto - MultiGimbalo Zoom 130 1 Head	<b>M582</b> <input checked="" type="checkbox"/> x1	<b>MN21</b> COB LED	<b>90</b>	<b>30</b> 3000K	17W	1827 lm	<b>BS</b> (07° - 18°)	<b>DC</b> CASAMBI	
	<b>M583</b> <input type="checkbox"/>			<b>40</b> 4000K		1955 lm			
		<b>ML22</b> Lumenetix <sup>1</sup>	<b>95</b>	<b>FS</b> Full Spectrum	18W	750 lm	<b>12 / 19 / 28</b>	<b>DC</b> CASAMBI	

## Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, Tuneable White (**TW**) version please contact us.<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.

PATENTED

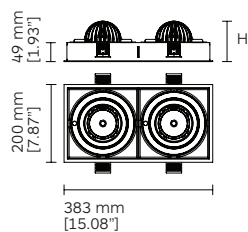
**BS:** Beam shaping.

# Moto-MultiGimbalo 130-2 & Moto-MultiGimbalo Zoom 130-2


**Moto-MultiGimbalo 130**

2 Heads Trim

374 x 191

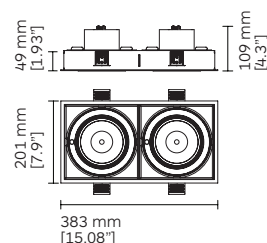


Light source code	Height (H) in mm
<b>LC33</b>	104
<b>MR21</b>	94
<b>ML22</b>	124

**Moto-MultiGimbalo Zoom 130**

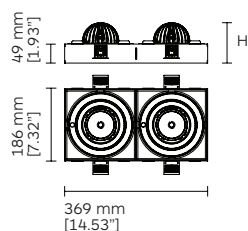
2 Heads Trim

374x191


**Moto-MultiGimbalo 130**

2 Heads Trimless

374 x 191

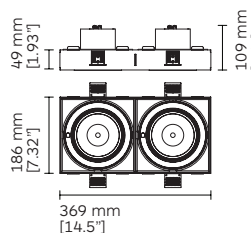


Light source code	Height (H) in mm
<b>LC33</b>	104
<b>MR21</b>	94
<b>ML22</b>	124

**Moto-MultiGimbalo Zoom 130**

2 Heads Trimless

374 x 191


 Code ordering example: **M 5 0 3 L C 3 3 - 9 0 3 0 1 2 D L 1 0**

	Product code	Light source code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - MultiGimbalo 130 2 Heads	<b>M503</b> x2	<b>LC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	2x25W	5078 lm	<b>12 / 27 / 55</b>	<b>DL</b> Laser-Dim	<b>10</b> Black
	<b>M504</b>			<b>40</b> 4000K		5522 lm		<b>DC</b> CASAMBI	<b>11</b> White
		<b>MR21</b> High Power LED			2x21W	3724 lm	<b>07 / 21 / 36</b>	<b>DA</b> Dali Dim	<b>75</b> Grey
						3840 lm		<b>D1</b> 0-10 Dim	
		<b>ML22</b> Lumenetix <sup>1</sup>	<b>95</b>	<b>FS</b> Full Spectrum	2x18W	1500 lm	<b>12 / 19 / 28</b>	<b>DC</b> CASAMBI	
								<b>DX</b> DMX	
Moto - MultiGimbalo Zoom 130 2 Heads	<b>M584</b> x2	<b>MN21</b> COB LED	<b>90</b>	<b>30</b> 3000K	2x17W	3654 lm	<b>BS</b> (07° - 18°)	<b>DC</b> CASAMBI	
	<b>M585</b>			<b>40</b> 4000K		3910 lm			

## Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

 \*\* For other CCT options, Tuneable White (**TW**) version please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.

PATENTED

**BS:** Beam shaping.

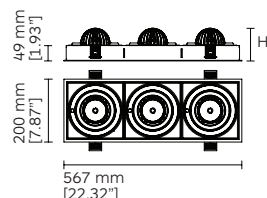
# Moto-MultiGimbalo 130-3 & Moto-MultiGimbalo Zoom 130-3


**Moto-MultiGimbalo 130**

3 Heads Trim



557 x 191



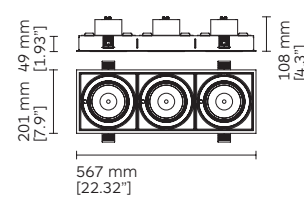
Light source code	Height (H) in mm
<b>LC33</b>	104
<b>MR21</b>	94
<b>ML22</b>	124

**Moto-MultiGimbalo Zoom 130**

3 Heads Trim



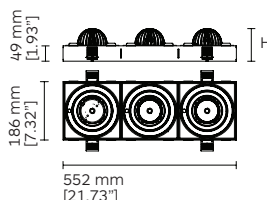
557x191


**Moto-MultiGimbalo 130**

3 Heads Trimless



557 x 191



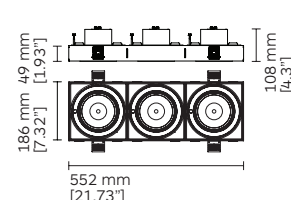
Light source code	Height (H) in mm
<b>LC33</b>	104
<b>MR21</b>	94
<b>ML22</b>	124

**Moto-MultiGimbalo Zoom 130**

3 Heads Trimless



557 x 191


 Code ordering example: **M 505 LC33 - 90 30 12 DL 10**

	Product code	Light source code*	>CRI	CCT**	LED Power	Normal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - MultiGimbalo 130 3 Heads	<b>M505</b> x3	<b>LC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	3x25W	7617 lm	<b>12 / 27 / 55</b>	<b>DL</b> Laser-Dim	<b>10</b> Black
	<b>M506</b>			<b>40</b> 4000K		8283 lm		<b>DC</b> CASAMBI	<b>11</b> White
		<b>MR21</b> High Power LED			3x21W	5586 lm	<b>07 / 21 / 36</b>	<b>DA</b> Dali Dim	<b>75</b> Grey
						5760 lm		<b>D1</b> 0-10 Dim	
								<b>DX</b> DMX	
Moto - MultiGimbalo Zoom 130 3 Heads	<b>M586</b> x3	<b>MN21</b> COB LED	<b>90</b>	<b>30</b> 3000K	3x17W	5481 lm	<b>BS</b> (07° - 18°)	<b>DC</b> CASAMBI	
	<b>M587</b>			<b>40</b> 4000K		5865 lm			

## Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, Tuneable White (TW) version please contact us.

† Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

‡ The values in the nominal lumen are referring to the peak lumen.

PATENTED

**BS:** Beam shaping.





Product Name: Moto-MultiGimbalo  
Location of Project: Beijing

# Moto-Flap

190 | 295



## Body

Motorized wall mounted luminaire. Light Body and base are made of cast aluminium. The included wall fixing device is made of painted metal and is equipped with a catch retainer for luminaire easy installation.

Moto-Flap is available in 2 different sizes: 190mm and 295mm. Two remote controlled DC motors drive the movements of the fixture. A pan horizontal movement of 0-350° to create special light effect and a, like a shell, tilt vertical movement up to 90°.

The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

No accessories available

## Finish

Powder coat in black and white colour.

## LED sources

COB LED, Lumenetix Full Spectrum (295).

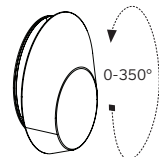
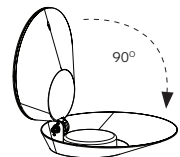
CRI: 90 | CCT: 3000K, 4000K, FS.

Other CRI and CCT options, Tuneable White versions available on request.

## Optic

Lens + diffuser.

Extra wide beam angle available.



## Driver

Supplied with integrated dimmable driver.

Motion Control: Casambi.

Dimming Options: Casambi, 0-10V, DALI, DMX.

Colour Tuning: Casambi, DMX.

## Applications

The first decorative lamp from formalighting's award winning MOTOLUX range. Resembling a pearl oyster shell, Moto-Flap illuminates surrounding surfaces and emits a beam of luminous indirect light.

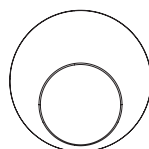
Application Areas: Hospitality, corridors, lounges.

# Moto-Flap

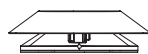


## Moto-Flap 190

Wall



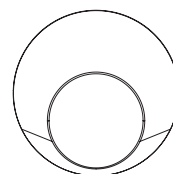
Ø 191 mm  
[7.51"]



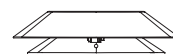
56 mm  
[2.20"]

## Moto-Flap 295

Wall



Ø 293 mm  
[11.53"]



80 mm  
[3.14"]



Code ordering example: **M106BC22-903000DC11**

	Product code	Light source code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - Flap 190	<b>M106</b>	<b>BC22</b> COB LED	<b>90</b>	<b>30</b> 3000K	8W	800 lm	<b>00</b>	<b>DC</b> CASAMBI	<b>10</b> ■ Black
				<b>40</b> 4000K		840 lm			<b>11</b> □ White
Moto - Flap 295	<b>M105</b>	<b>BC22</b> COB LED			17W	1700 lm			
						1750 lm			
		<b>BL22</b> Lumenetix <sup>1</sup>		<b>FS</b> Full Spectrum	18W	750 lm	<b>18 / 25 / 33</b>		

### Notes:

\* For complete code ordering information, please see page 97.

\*\* For other CCT options, Tuneable White  version please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.



# Moto-Gimbalo Surface



## Body

Motorized ceiling mounted downlight. Light head and body are made of cast aluminium. Deep regressed light head position to minimize the glare.

Moto-Gimbalo Surface have a diameter of 203mm and a height of 176mm. Two remote controlled DC motors drive the movements of the fixture, which is tiltable vertically 0-40° in all direction on a dual axis gimbals.

The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via LaserDim™ remote control or CASAMBI™ application.

## LED sources

COB LED, High Power LED.

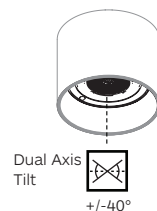
CRI: 90 | CCT: 3000K, 4000K.

Other CRI and CCT options, Tuneable White and DimToWarm versions available on request

## Optic

Lens.

Narrow, medium and wide beam angle available.



## Accessories

No accessories available

## Driver

Supplied with integrated dimmable driver.

Motion Control: Casambi, LaserDim.

Dimming Options: Casambi, LaserDim, 0-10V, DALI.

## Finish

Powder coat in black or white colour.

## Applications

Motorized ceiling mounted luminaire with simple design used to provide ambient or accent lighting.

Application areas: residential, retail, galleries, restaurants, hotels, lobbies, corridors.

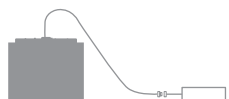
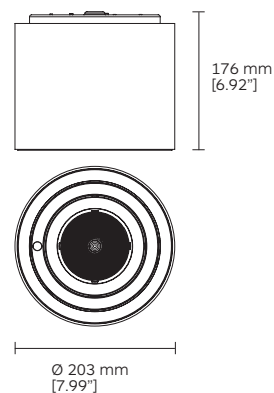


# Moto-Gimbalo Surface



**Moto-Gimbalo**

Surface



Code ordering example: **M103 BC33 - 90 30 15 DL 10**

	Product code	Light source code*	>CRI	CCT**	LED power	Nominal lumen	Beam angle (BA°)	Driver Options	Finish
Moto - Gimbalo Surface	<b>M103</b>	<b>BC33</b> COB LED	<b>90</b>	<b>30</b> 3000K	17W	1934 lm 2041 lm	<b>15 / 24 / 38</b>	<b>DL</b> Laser Dim	<b>10</b> ■ Black
				<b>40</b> 4000K				<b>DC</b> CASAMBI	<b>11</b> □ White
		<b>BR21</b> 4 x High Power LED	<b>90</b>	<b>30</b> 3000K	21W	1862 lm 1920 lm	<b>07 / 24 / 36</b>	<b>DA</b> DALI Dim	
				<b>40</b> 4000K				<b>D1</b> 0 - 10 Dim	
								<b>DX</b> DMX	

## Notes:

\* For complete code ordering information, please see page 97.

\*\* For other CCT options, Tuneable White (TW)  version please contact us.

PATENTED

# Moto-Gimbalo Pendant



## Body

Motorized pendant mounted spotlight with light body and mounting clamps in cast aluminium. Supplied with ceiling canopy and pre-installed 2 x 1.5m pendant steel wires inclusive of electrical connection.

The entire luminaire is tiltable vertically up to 45° in two directions. Furthermore the internal light head is tiltable 320°.

The movements of the fixture, as well the intensity and the white colour tuning of the light, are controlled via LaserDim™ remote control or CASAMBI™ application.

## Accessories

No accessories available

## Finish

Powder coat in black and white colour.

## LED sources

COB LED, High Power LED.

CRI: 90 | CCT: 3000K, 4000K.

Other CRI and CCT options, Tuneable White and DimToWarm versions available on request

## Optic

Lens.

Narrow, medium and wide beam angle available.

## Driver

Supplied with integrated dimmable driver.

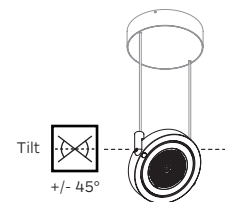
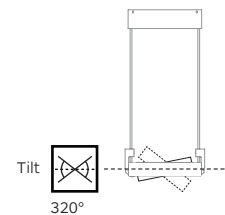
Motion Control: Casambi, LaserDim.

Dimming Options: Casambi, LaserDim, 0-10V, DALI.

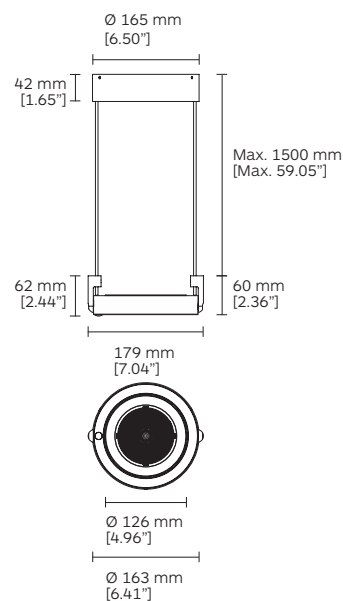
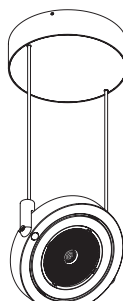
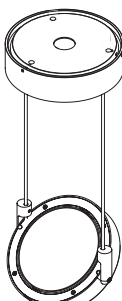
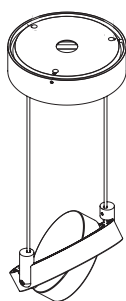
## Applications

Pendant luminaire with a modern look, providing direct/indirect illumination. Thanks to the MOTOLUX technology can be adjusted to accurately aimed the zone to illuminate.

Application areas: museums, retail, restaurants, hotels.



# Moto-Gimbalo Pendant



Code ordering example: **M 7 0 5 B C 3 3 - 9 0 3 0 1 5 D L 1 0**

	Product code	Light source code*	>CRI	CCT**	LED power	Nominal lumen	Beam angle (BA°)	Driver Options	Finish
Moto-Gimbalo Pendant	<b>M705</b>	<b>BC33</b>	<b>90</b>	<b>30</b> 3000K	17W	1934 lm	<b>15 / 24 / 38</b>	<b>DL</b> Laser Dim	<b>10</b> ■ Black
				<b>40</b> 4000K					
	<b>BR21</b>	High Power LED	<b>90</b>	<b>30</b> 3000K	21W	1862 lm	<b>07 / 24 / 36</b>	<b>DC</b> CASAMBI	<b>11</b> □ White
				<b>40</b> 4000K					
								<b>D1</b> 0 - 10 Dim	

## Notes:

\* For complete code ordering information, please see page 97.

\*\* For other CCT options, Tuneable White (**TW**)  version please contact us. PATENT pending.

# Sistema Moto-MultiGimbalo



## Body

Motorized pendant mounted system luminaire. The three independent light heads and the luminaire trim are made of cast aluminium.

Sistema Moto-MultiGimbalo Pendant have a length of 1000mm and a width of 249mm. The luminaire is Supplied with ceiling canopy, a pre-installed 1.5m electrical cable and 4x1.5m pendant steel wires.

Two remote controlled DC motors drive the movements of the fixture, which is Tilttable vertically 0-40° in all directions on a dual axis gimbals. The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via LaserDim™ remote control or CASAMBI™ application.

## Accessories

Linear spread, honeycomb louvre, snoot, visor.  
For more information about accessories see page 83.

## Finish

Powder coat in black and white colour.

## LED sources

COB LED, High Power LED.  
CRI: 90 | CCT: 3000K, 4000K.  
Other CRI and CCT options, Tuneable White and DimToWarm versions available on request

## Optic

Lens.  
Narrow, medium and wide beam angle available.

## Driver

Supplied with integrated dimmable driver.  
Motion Control: Casambi, LaserDim.  
Dimming Options: Casambi, LaserDim, 0-10V, DALI.

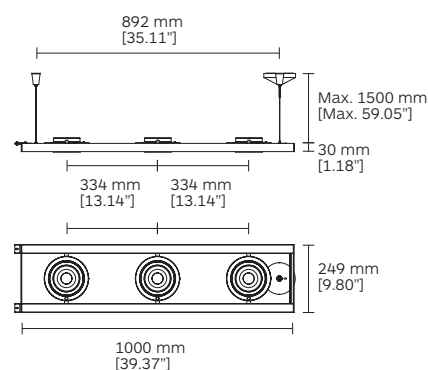
## Applications

A elegant and neat design for excellent visual comfort. Ideal for maintaining a minimalist and clean ceiling aesthetic.  
Applications areas: retail, hotels, restaurants, hospitals, lobbies, car showrooms.





# Sistema Moto-MultiGimbalo




Code ordering example: **M 7 0 6 B C 3 3 - 9 0 3 0 1 5 D L 1 0**

	Product code	Light source code*	>CRI	CCT**	LED power	Nominal lumen	Beam angle (BA°)	Driver Options	Finish
Sistema Moto-MultiGimbalo	<b>M706</b>	<b>BC33</b>	<b>90</b>	<b>30</b> 3000K	3x17W	5802 lm	<b>15 / 24 / 38</b>	<b>DL</b> Laser Dim	<b>10</b> ■ Black
				<b>40</b> 4000K		6123 lm		<b>DC</b> CASAMBI	<b>11</b> □ White
		<b>BR21</b>	<b>90</b>	<b>30</b> 3000K	3x21W	5586 lm	<b>07 / 24 / 36</b>	<b>DA</b> DALI Dim	
				<b>40</b> 4000K		5760 lm		<b>D1</b> 0 - 10 Dim	

## Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, Tuneable White (TW)  version please contact us. PATENT pending.

# Moto-LineaVolo



## Body

Motorized pendant mounted luminaire. The light body is made of cast aluminium. Moto-LineaVolo is available in 2 different length: 900mm and 1200mm.

The luminaire is supplied with ceiling base and two pre-installed pendant steel wires inclusive of electrical connection. A remote controlled DC motors regulates the height of the wires between 500mm and 1000mm.

The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

No accessories available

## Finish

Anodized coat in gold, natural aluminium, black and white colour.

## LED sources

SMD.

CRI: 97 | R9: >90 | CCT: 2700K, 3000K, 3500K, 4000K | 3-Step McAdam.

Other CRI and CCT options available on request.

## Optic

Supplied with semi transparent diffuser. Opal white diffuser available on request.

Beam angle: extra wide (120°).

## Driver

Inclusive of integrated LaserDim™ or CASAMBI driver.

Diming Options: Scene by CASAMBI.

## Applications

LineaVolo blends the line between architectural and decorative. Its motorized version add the flexibility of the MOTOLUX range to the elegance of LineaVolo family.

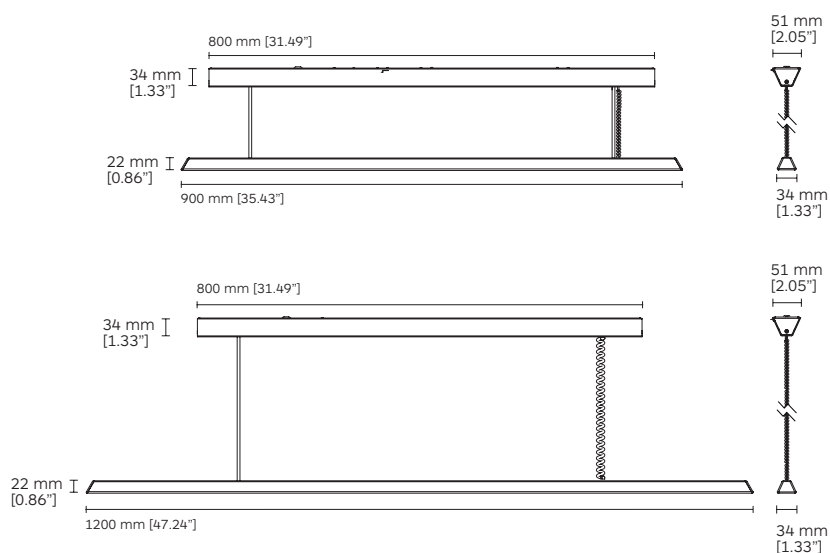
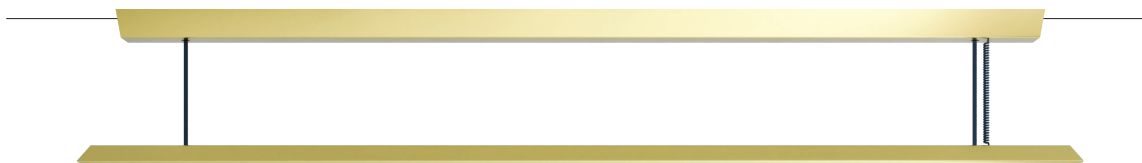
Application Areas: residential, hospitality, restaurants, corridors, offices.

# Moto-LineaVolo



## Moto-LineaVolo

Pendant



Code ordering example: **M7070900-903000DC10**

	Product code*	Length code	Light Source	>CRI	CCT**	LED Power	Norminal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto-LineaVolo	<b>M707</b>	<b>0900</b>	LED	<b>90</b>	<b>30</b> 3000K	17W	1595 lm	<b>00</b>	<b>DC</b> CASAMBI	<b>10</b> ■ Black
					<b>40</b> 4000K		1595 lm			<b>11</b> □ White
		<b>1200</b>				23W	2145 lm			<b>79</b> ■ Natural Aluminium
							2145 lm			<b>35</b> ■ Gold

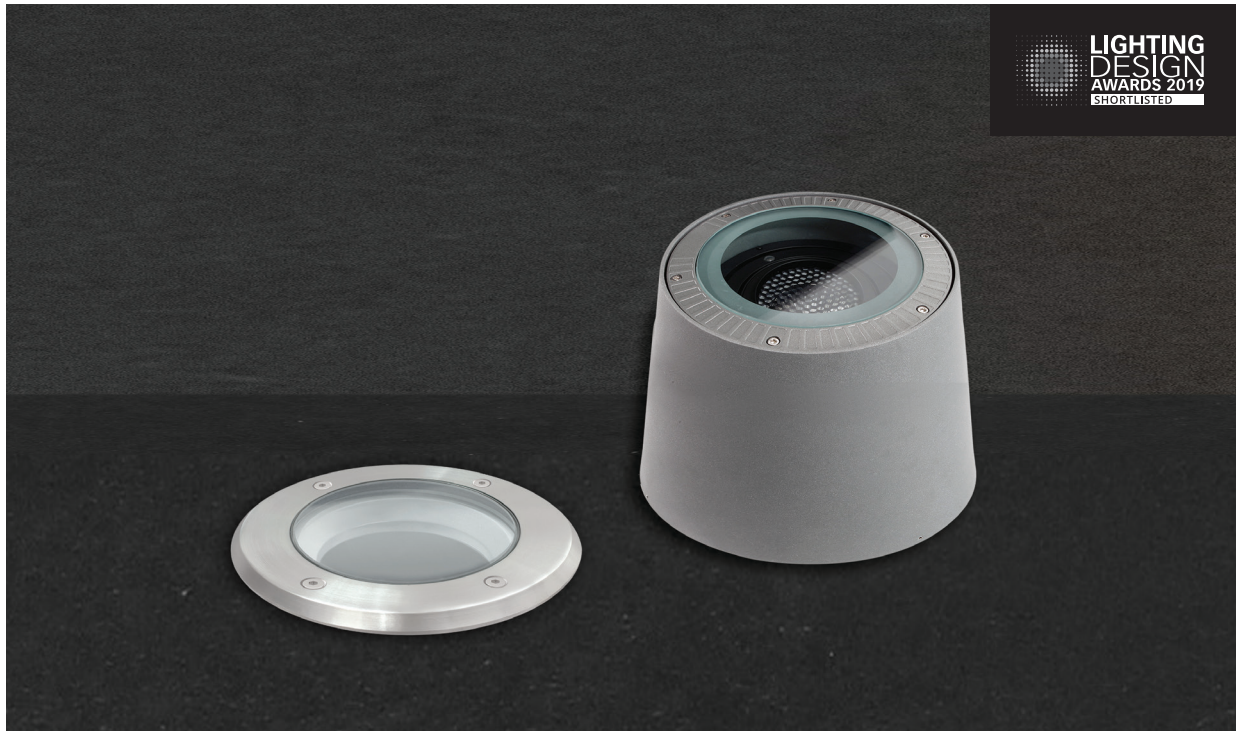
### Notes:

\* For complete code ordering information, please see page 97.

\*\* For other CCT options, Tuneable White (TW)  version please contact us.

# Moto-Gimbalo Terraluce

Recessed & On ground



## Body

Motorized outdoor luminaire. Available in two version: ground recessed or on-ground mounted. Luminaire trim is made of stainless steel, internal light head in cast aluminium, on ground version body in painted metal. The fixture, also, included a toughened safety glass, a weatherproof durable silicone gasket and external stainless steel screws.

Two DC motors drive the movements of the fixture, which is tiltable vertically 0-40° in all directions on a dual axis gimbals.

The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

## Accessories

Linear spread, honeycomb louvre.  
For more information about accessories see page 83.

## Finish

Powder coat in Stainless steel (AISI316).

## LED sources

High Power LED, Lumenix Full Spectrum.  
CRI: 90 | CCT: 3000K, 4000K, FS.  
Other CRI and CCT options, Tuneable White and DimToWarm versions available on request

## Optic

Lens.  
Narrow, medium and wide beam angle available.

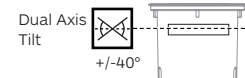
## Driver

Supplied with integrated dimmable driver.  
Motion Control: Casambi, LaserDim.  
Dimming Options: Casambi, LaserDim, 0-10V, DALI.  
Colour Tuning: Casambi, DMX.

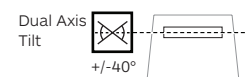
## Applications

Neat designed uplighting luminaire perfect to wall wash or highlight outdoor architectural structures or surfaces  
Shortlisted at the Lighting Design Awards 2019.  
Application areas: facades, parks, golf courses, driveways, sculptures.

Moto-Gimbalo Terraluce  
Recessed



Moto-Gimbalo Terraluce  
On ground



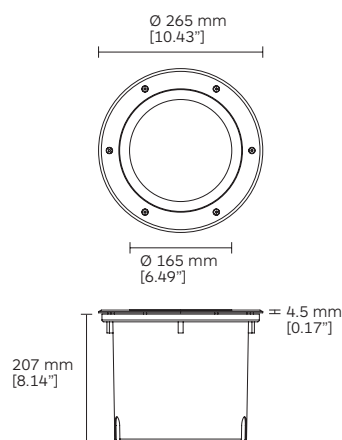


# Moto-Gimbalo Terraluce



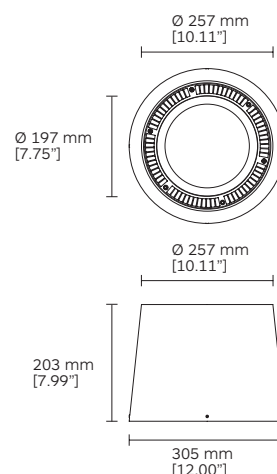
## Moto-Gimbalo Terraluce

Recessed



## Moto-Gimbalo Terraluce

On ground



Code ordering example: **M301MR21-903007DL84**

	Product code	Light source code*	>CRI	CCT**	LED Power	Norminal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto-Gimbalo Terraluce Recessed	<b>M301</b>	<b>MR21</b> High Power LED	<b>90</b>	<b>30</b> 3000K	21W	1862 lm	<b>07 / 24 / 36</b>	<b>DL</b> Laser-Dim	<b>84</b> ■ Stainless Steel
				<b>40</b> 4000K		1920 lm		<b>DC</b> CASAMBI	<b>29</b> ■ Grey
Moto-Gimbalo Terraluce On ground	<b>M302</b>	<b>BL22</b> Lumenetix <sup>1</sup>	<b>90</b>	<b>FS</b> Full Spectrum	18W	750 lm	<b>14 / 22 / 36</b>	<b>DA</b> Dali Dim	
								<b>D1</b> 0-10 Dim	
								<b>DX</b> DMX	

### Notes:

\* For complete code ordering information, please see page 97.

For related accessories, please see page 82-83.

\*\* For other CCT options, Tuneable White (TW) version please contact us.

<sup>1</sup> Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

<sup>1</sup> The values in the nominal lumen are referring to the peak lumen.

PATENTED.

# **Optical Accessories Track Systems**

## Optical Accessories



Product / Optical Accessories		Linear Spread Colour 10	Honeycomb Louvre Colour 10	Visor Colour 10	Visor Colour 10	Snoot Colours 10
Low Voltage Track	Moto-Zero Low Voltage 68	<b>2A51</b>	<b>2A54</b>	<b>2A60</b>	/	<b>2A65</b>
	Moto-Zero Low Voltage 100	/	<b>2C70</b>	/	/	/
Track	Moto-Zero Compasso 68					
		<b>2A51</b>	<b>2A54</b>	<b>2A60</b>	/	<b>2A65</b>
	Moto-Zero 66					
	Moto-Zero 100	<b>2A50</b>	<b>2A53</b>	<b>2A64</b>	/	<b>2A59</b>
	Moto-Zero 130	<b>2A49</b>	<b>2A52</b>	<b>2A63</b>	/	<b>2A58</b>
	Moto-Zero Zoom 130	/	<b>2D95</b>	/	/	/

# Optical Accessories



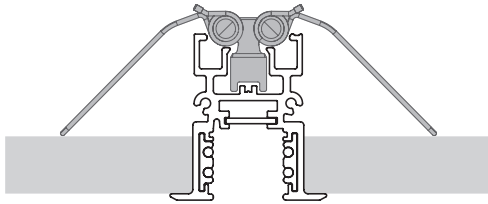
Product / Optical Accessories		Linear Spread Colour 10	Honeycomb Louvre Colour 10	Visor Colour 10	Visor Colour 10	Snoot Colours 10
Recessed	Moto-Combo	/	<b>2334</b>	/	/	/
	Moto-Zero In & Out 66	<b>2A51</b>	<b>2A54</b>	<b>2A60</b>	/	<b>2A65</b>
	Moto-Palla In & Out 70		<b>2B95</b>			
	Moto-Palla In & Out 100	/	<b>2B99</b>	/	/	/
	Moto-Palla In & Out 130		<b>2C04</b>			
	Moto-Colosseo 90		<b>2504</b>			
	Moto-Colosseo 120	/	<b>2633</b>	/	/	/
	Moto-Gimbalo 60	<b>2663</b>	<b>2634</b>	/	<b>2A85</b>	<b>2A91</b>
	Moto-Gimbalo 130	<b>2A68</b>	<b>2334</b>	/	<b>2A83</b>	<b>2A89</b>
	Moto-MultiGimbalo 60	<b>2663</b>	<b>2634</b>	<b>2321</b>	/	/
	Moto-MultiGimbalo 130	<b>2598</b>	<b>2334</b>	<b>2327</b>	/	/
Pendant	Sistema Moto-MultiGimbalo	<b>2598</b>	<b>2334</b>	<b>2327</b>	/	/
Outdoor	Moto-Gimbalo Terraluce Recessed					
	Moto-Gimbalo Terraluce On Ground	<b>2598</b>	<b>2334</b>	<b>2327</b>	/	/



# Low Voltage Track Options

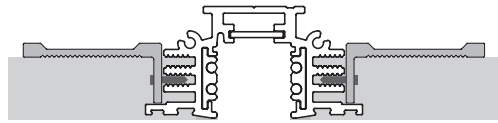
## Recessed Trim Track

2ST8 + Art. 9202 Bracket with spring for 2ST8



## Recessed Trimless Track

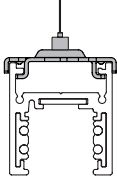
2ST3 + Art. 9201 Bracket for 2ST3 trimless track



## Pendant Track

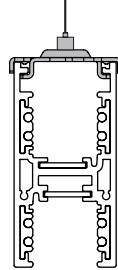
2ST6 +  
Pendant  
Kits

Art.9226



2ST7 +  
Pendant  
Kits

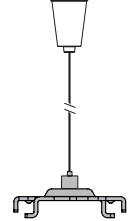
Art.9226



## Pendant Kit

Pendant  
Kit

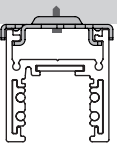
Art. 9226



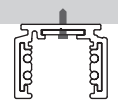
## Surface Track

2ST6 +  
Surface  
Kits

Art.9225



2ST1



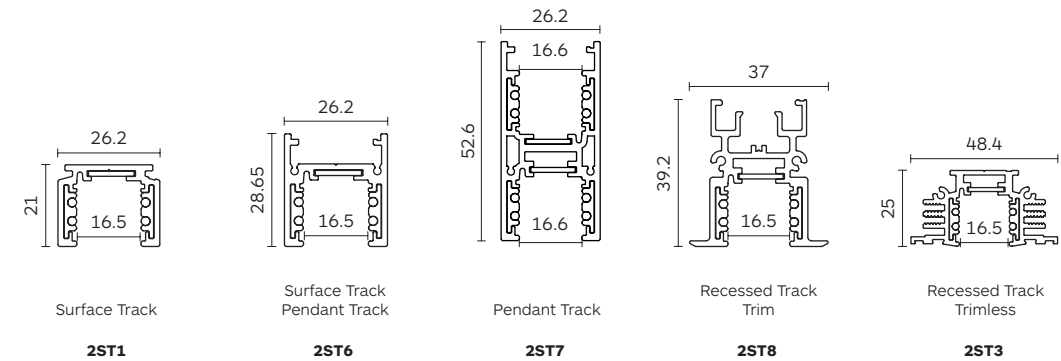
## Surface Kit

Surface  
Kit



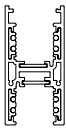


Art. 9225



# Low Voltage Track

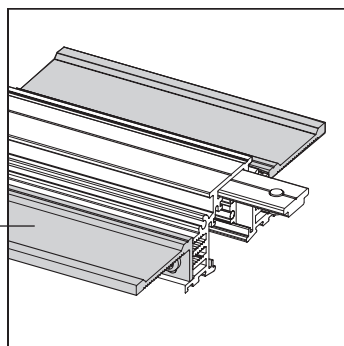
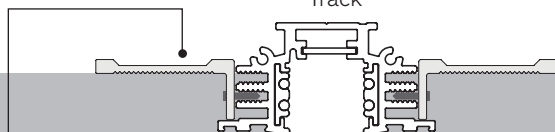


# Compatibility

Track Options/ Product name	 Surface Track	 Surface Track Pendant Track	 Pendant Track	 Recessed Track Trim	 Recessed Track Trimless
	2ST1	2ST6	2ST7	2ST8	2ST3
			Up & Down		
Moto-Zero Low Voltage	✓	✓	✓ ✓	✓	✓
Moto-Zero Zoom Low Voltage	✓	✓	✓ ✓	✓	✓

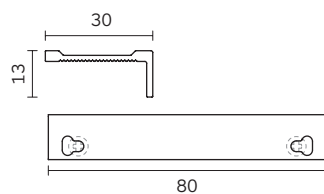
# Accessories

Recessed Trimless Track

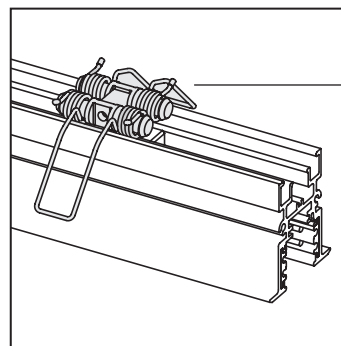
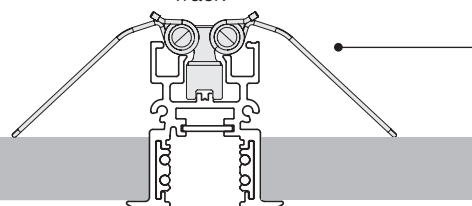


Bracket for 2ST3 Trimless Track

**Art. 9201**

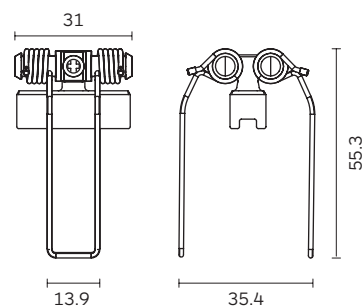


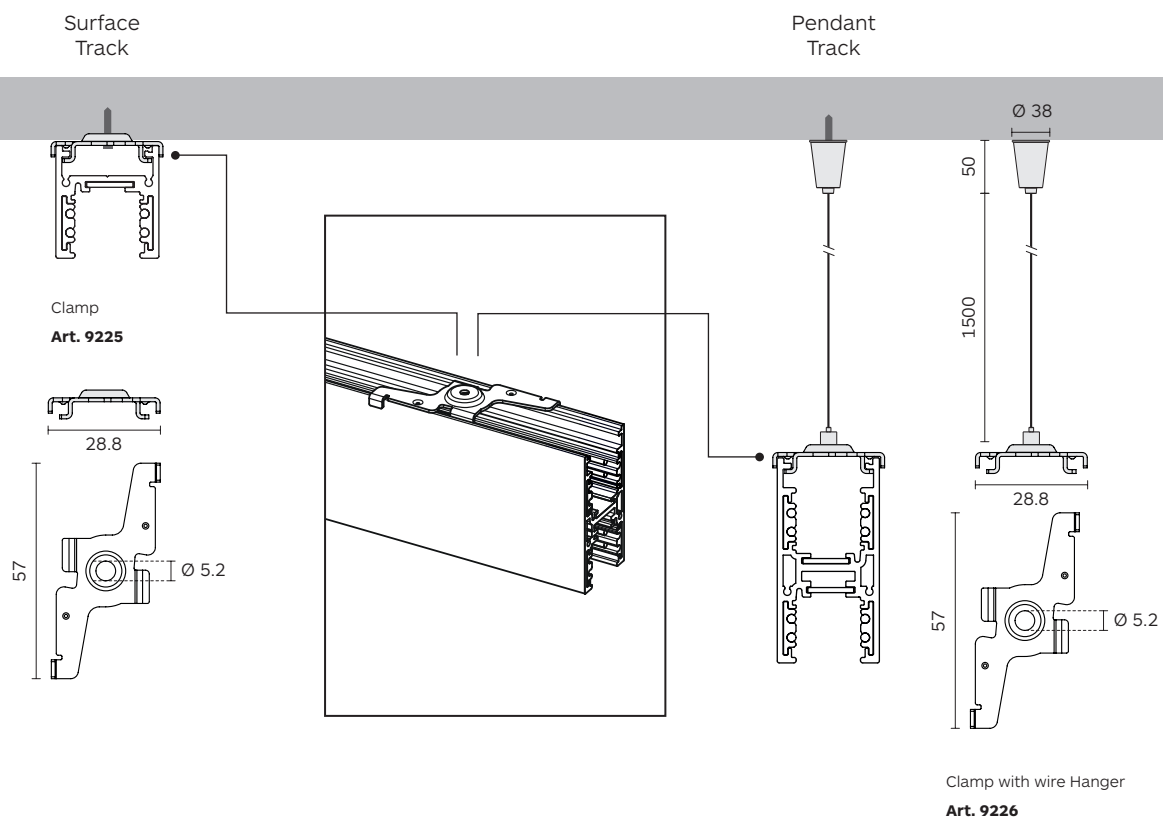
Recessed Trim Track

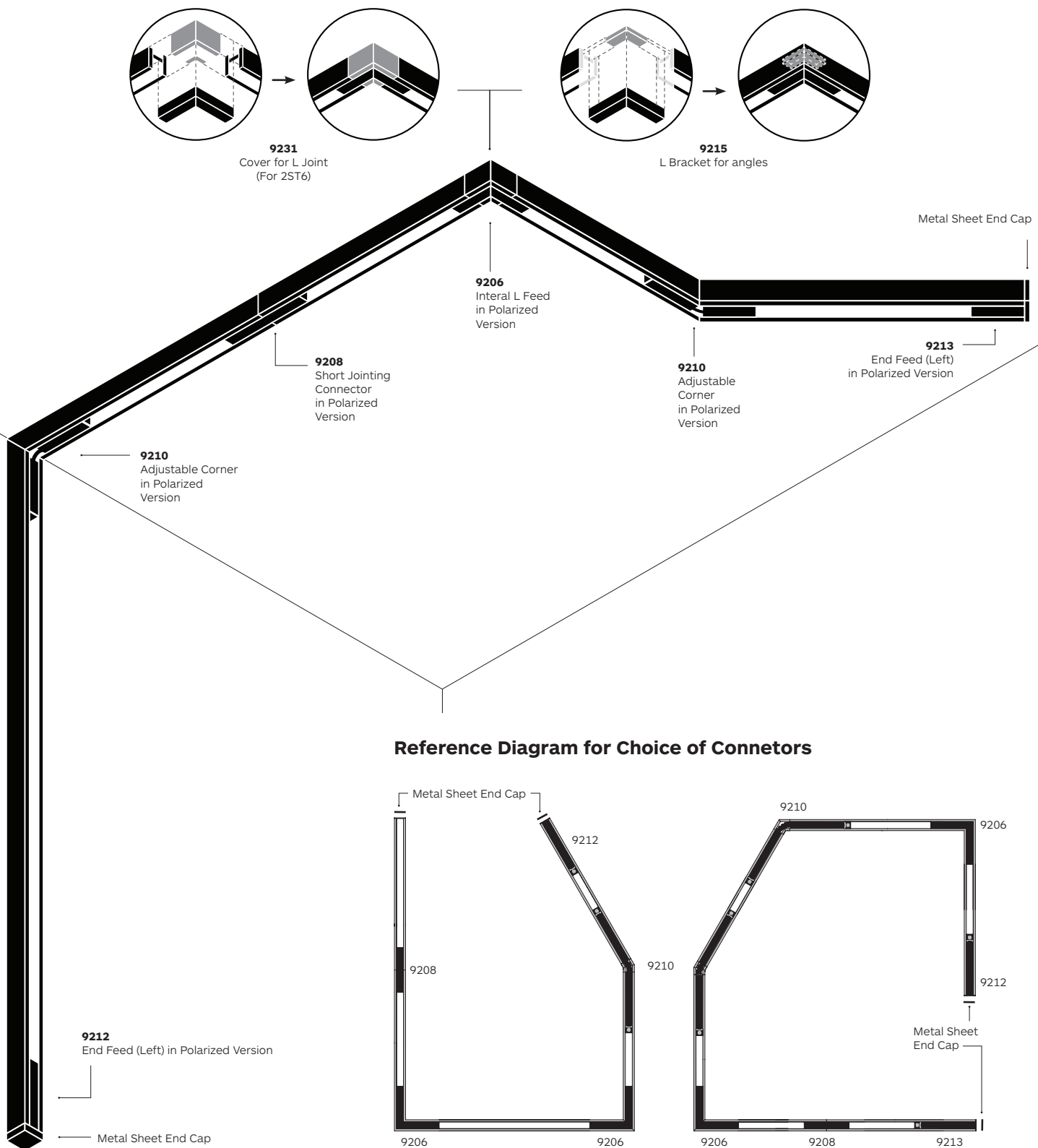


Bracket with Spring for 2ST8

**Art. 9202**









## Installation Components

	<b>9201</b> Bracket for 2ST3 trimless track	
	<b>9202</b> Bracket with spring for 2ST8	
	<b>9225</b> Clamp	
	<b>9226</b> Clamp with Wire Hanger	

## Accessories





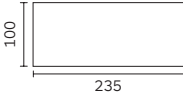
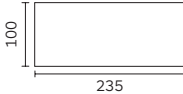


	<b>9206*</b> Internal L feed in Polarized Version	
	<b>9202</b> Bracket with spring for 2ST8	
	<b>9231</b> Cover for L Joint (For 2ST6)	
	<b>9216*</b> Metal sheet End Cap for 2ST1	<b>9217*</b> Metal sheet End Cap with hole for 2ST1
	<b>9220*</b> Metal sheet End Cap for 2ST3	
	<b>9223*</b> Metal sheet End Cap for 2ST8	
	<b>9208*</b> Short Jointing connector in Polarized Version	
	<b>9212*</b> End Feed (Left) in Polarized Version	<b>9213*</b> End Feed (Right) in Polarized Version
	<b>9215</b> L Bracket for angles	
	<b>9221*</b> Metal sheet End Cap for 2ST6	<b>9222*</b> Metal sheet End Cap with hole for 2ST6
	<b>9230*</b> Metal sheet End Cap for 2ST7	

### Notes:

\* Available in colours 10, 11

# Power Supply Options

## Power Supply

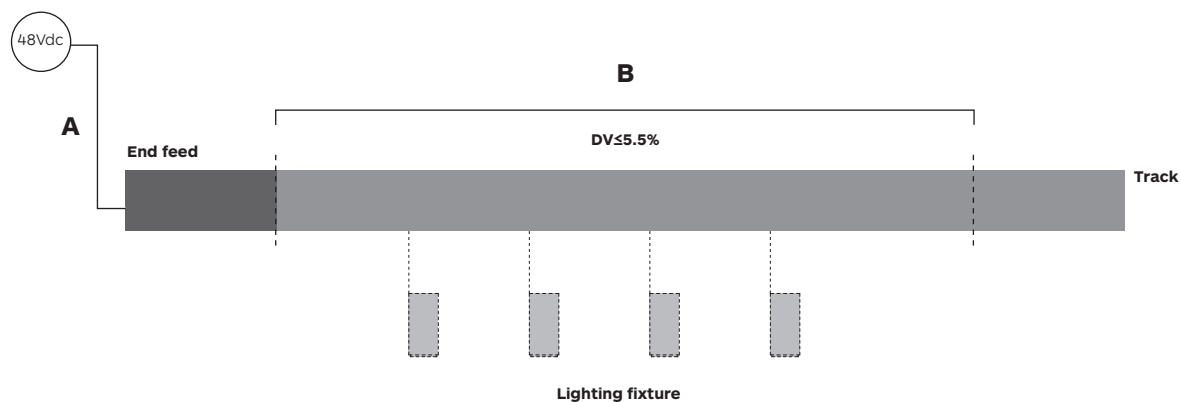
				
	220-240VAC input, 48VDC output 75w power supply for low voltage track	220-240VAC input, 48VDC output 150w power supply for low voltage track	220-240VAC input, 48VDC output 240W, DIN rail power supply unit for low voltage track	220-240VAC input, 48VDC output 480w, DIN rail power supply unit for low voltage track
Code	2E28	2E29	2E30	2E31
Size	100 x 235 x 31	100 x 235 x 31	Max. 63 x 125.2 x 113.5	Max. 85.5 x 125.2 x 128.5
				

# Drop Voltage Table

Power Supply (W)	<b>A</b> Distance power supply/feed unit (2x1.5mm <sup>2</sup> )			
	5m	10m	20m	30m
	<b>B</b> Track Length with $\Delta v \leq 5.5\%$ (m)			
	(m)	(m)	(m)	(m)
60	50	50	50	50
100	50	50	40	25
150	50	40	20	Not admitted
200	40	30	Not admitted	Not admitted
250	35	20	Not admitted	Not admitted

Information refers to a load equivalent to the power supplied and equally distributed on the relevant length in the table.

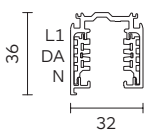
## Remote Power Supply



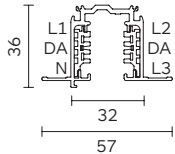
# Eurotype Track System with Dali Support



Product Code	Length Code	Length (L)
<b>2D65</b>	<b>1000</b>	1m
<b>2D65</b>	<b>2000</b>	2m
<b>2D65</b>	<b>3000</b>	3m



Product Code	Length Code	Length (L)
<b>2D66</b>	<b>1000</b>	1m
<b>2D66</b>	<b>2000</b>	2m
<b>2D66</b>	<b>3000</b>	3m



Finish
<b>10</b> ■ Black
<b>11</b> □ White
<b>75</b> ■ Grey

**Notes:** Connection to the 220-250V single-phase mains: 16A overall load, corresponding to 3500/4000 VA over the three circuits.

## Features

Three circuit main-voltage track system with Data Bus.

Track in extruded aluminium fitted with four 16A rolled copper conductors and 2 conductors for Data signal housed in extruded insulated black thermoplastic.

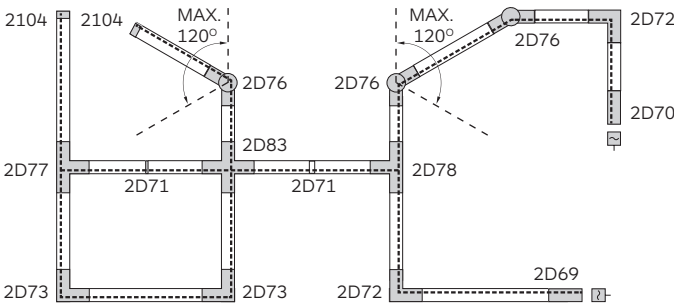
Equipped with three separately controllable current circuit.

Completed of a vast range of accessories to fit to the needs of any specific project.

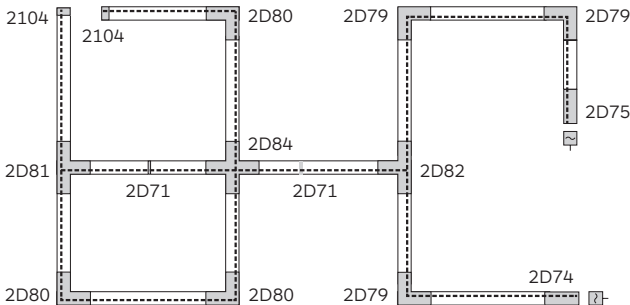


- The drawing is Reflected Ceiling View.
- Directive Lug on the back of connectors.

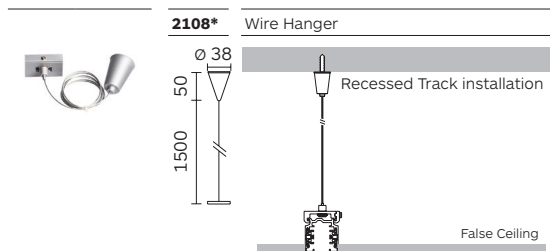
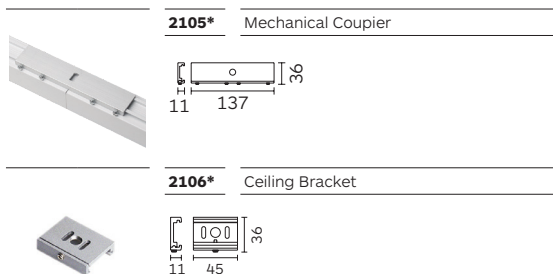
### Reference Diagram for Choice of Connetors (Surface Mounted Track)



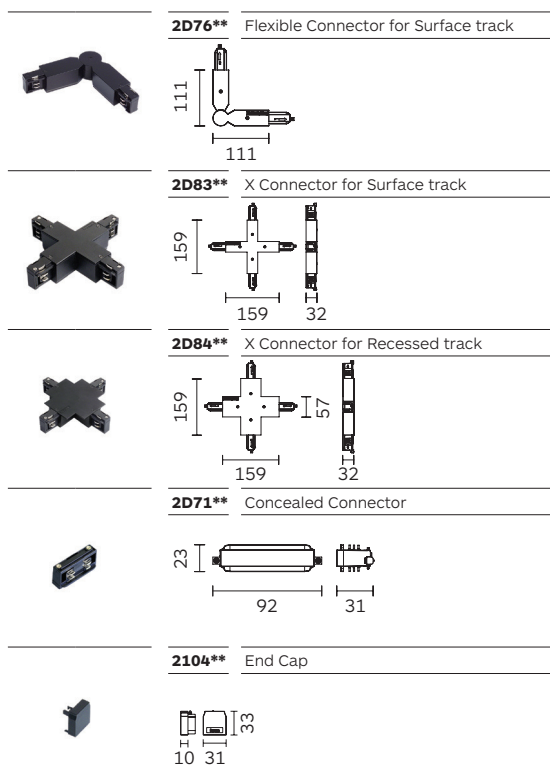
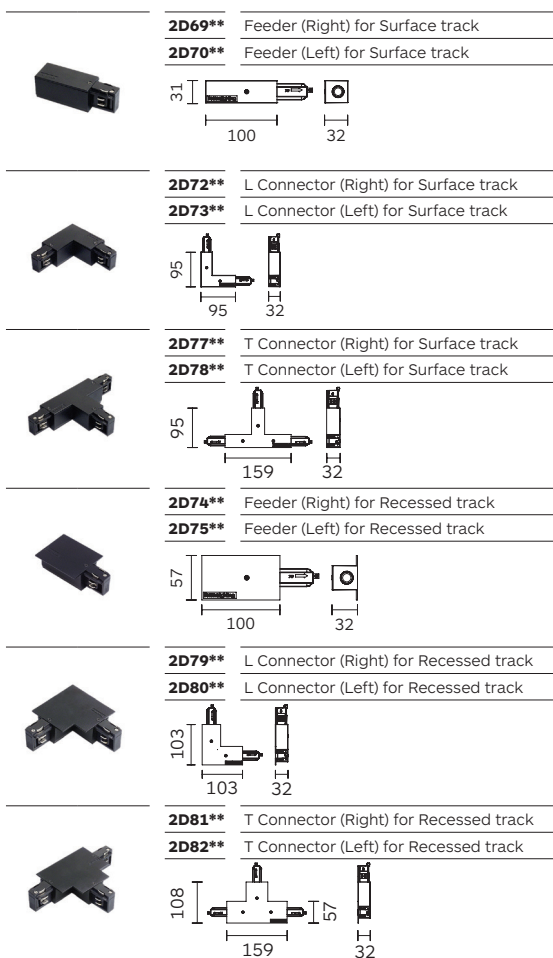
### Reference Diagram for Choice of Connetors (Flanged Recessed Track)



## Installation Components



## Accessories



### Notes:

\* Available in colours 10, 11, 75.

\*\* Available in colours 10 & 11.



**Symbols & Icons**  
**Code system**  
**Global presence**

## Symbols & Icons

Trim Round



Trim Square



Trimless Round



Trimless Square



Round ceiling cut



Square ceiling cut



Zoom



The CE mark signifies that a product conforms with the relevant ECC directives requirements. The CE marking is compulsory to indicate LVD and EMC conformity.

The CE mark is also a self certification that the manufacturer claims that the product is safe. The value of such claim is directly related to the case of FormaLighting: All products are designed, developed, manufactured under the scope of ISO 9001 quality systems.



All formaLighting products are tested in Europe and certified by an independent laboratory that is registered and audited by an approved European testing authority.

### Other third party product approvals

Our products include electrical and electronic components that carry other world wide Test House approvals such as those shown:



### CLASS I

Luminaires of insulation Class I - with earth connector.



### CLASS II

Luminaires of insulation Class II - With safety isolation, this means the tension conduction element are protected by additional isolation.

The isolation of an earth wire it is not necessary and the connection to it is not allowed.



### CLASS III

Luminaires of isolation Class III - designed for operation of protected low voltage supplied (>42V).



Passes the 850C glow wire test in accordance with ICE 695-2-1.



Degree of Ingress Protection\*



Recyclable



Dim2Warm



Tuneable White



RGB / W



CASAMBI



## IP\_\_ Degree of Ingress Protection

1st Number	Protection Against Dust and Solid Objects	2nd Number	Protection Against Moisture and Liquids
0	No-Protection	0	No-Protection
1	Protection against solid objects > 50 mm	1	Protection against dripping water
2	Protection against solid objects > 12 mm	2	Protection against dripping water tilted > 15 deg
3	Protection against solid objects > 2.5 mm	3	Protection against spraying water > 30 deg
4	Protection against solid objects > 1 mm	4	Protection against spraying water
5	Dust - protected	5	Protection against water jet
6	Dust - tight	6	Protection against waves
		7	Protection against the effects of immersion
		8	Protection against submersion

## LEDs in formalighting Luminaires

Lumenetix

Citizen

Cree

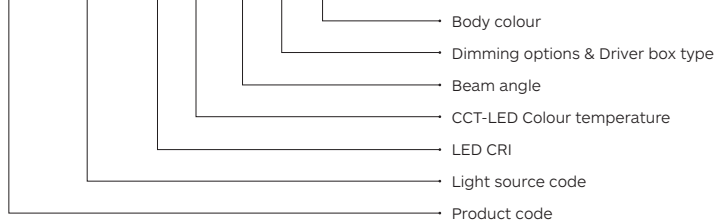
Luminus

Osram

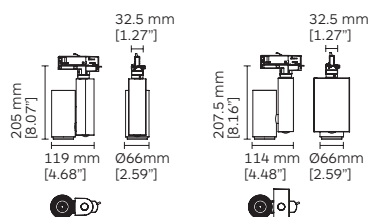
Nichia

## Code system

Code ordering example: **M 6 2 1 | I C 3 2 - 9 0 3 0 1 5 | D L 1 0**



Dimming options	Driver box type options	
	Type D	Type S
	Laser Dim	
	CASAMBI	
	DMX	
	Dali	
	0 - 10 Dim	
	<b>DL</b>	
	<b>DC</b>	
	<b>DX</b>	<b>SX</b>
		<b>SA</b>
	<b>D1</b>	



### LED CRI

<b>90</b>	CRI > 90
<b>95</b>	CRI > 95

### CCT-LED Colour temperature

<b>27</b>	Warm White 2700K
<b>30</b>	Warm White 3000K
<b>40</b>	Neutral White 4000K
<b>DW</b>	Dim2Warm™ 1800-3000K
<b>TW</b>	Tuneable White™ 2700K - 6500K
<b>FS</b>	Full Spectrum

### Driver Options

<b>DL</b>	Laser Dim
<b>DC</b>	CASAMBI
<b>DX</b>	<b>SX</b> DMX
	<b>SA</b> Dali Dim
<b>D1</b>	0 - 10 Dim

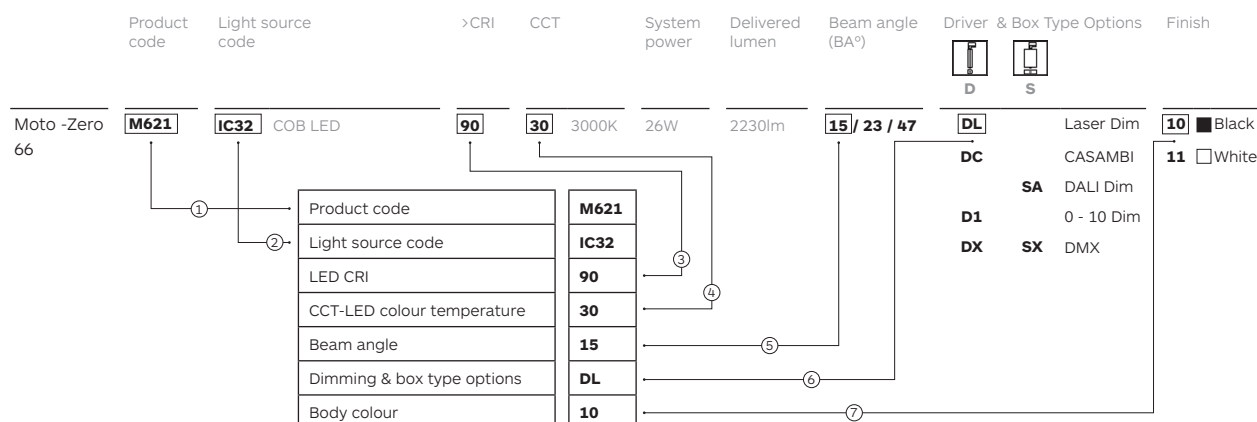
### Body Colour

<b>10</b>	Black (RAL 9004)
<b>11</b>	White (RAL 9003)
<b>*17</b>	Black (RAL 9004) / White (RAL 9003) (B&W)
<b>27</b>	Chrome Polished
<b>35</b>	Gold
<b>75</b>	Grey (RAL 9006)
<b>29</b>	Grey (for Outdoor use)
<b>84</b>	Stainless steel

### Notes:

**\*17:** white light body with black integrated louvre. For black body with white integrated louvre consult us.

## How to order



All dimensions in the catalogue in mm & inches

# Global presence

Celebrating 50 years of vision, dedication and innovation, Formalighting's versatile and high-quality product offerings extends internationally via our headquarters in Hong Kong, London, Milan, Shanghai and the USA.

Our well chosen and selected partners as well as our affiliated international offices broaden our global presence further in markets such as Australia, Japan, South East Asia, India and the Middle East.

Through our commitment to growth and investment within formalighting's professional team, infrastructure and product ranges, we are able to provide increasing service to our global retail and hospitality clients as well as lighting designers and specifiers strengthening our position as a leading international supplier of innovative architectural lighting solutions and systems.

With 50 years' experience in designing and manufacturing architectural lighting, formalighting's comprehensive portfolio offers a competitive range of European designed and expertly engineered products that carry CB, CE, CCC and UL certifications.

Furthermore formalighting's latest award-winning motorized range of track, pendant, and recessed fixtures, featuring remote-controlled adjustable pan and tilt, dim, dim to warm, tuneable white and beam shaping lens, are available worldwide incorporating the latest, most advanced lighting technologies.

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