

formalighting

MOTOLUX

Motorized Remote Controlled Lighting

2023 | 24

MOTOLUX

Motorized Remote Controlled Lighting

MOTOLUX PRO

Main Voltage Track

Moto-Zero PRO & Moto-Zero **Zoom PRO**



28 **New**

Recessed

Moto-Combo PRO & Moto-Combo **Zoom PRO**



30 **New**

Moto-Gimbalo PRO & Moto-Gimbalo **Zoom PRO**



32 **New**

MOTOLUX

48V Low Voltage Track

Moto-Zero



38 **New**

Moto-Zero **Zoom**



40 **New**

Main Voltage Track

Moto-Zero Compasso



44

Moto-Zero Compasso **Zoom**



46 **New**

Moto-Zero & Moto-Zero **Zoom**



48 **New**

Moto-Ola



52

Moto-Polaris



54

Moto-JoJo



56

MOTOLUX

Recessed

Moto-Combo & Moto-Combo **Zoom**



58 **New**

Moto-Venus



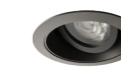
60

Moto-Palla In & Out



66

Moto-Colosseo



70 **New**

Moto-Gimbalo & Moto-Gimbalo **Zoom**



72

Moto-Multi Gimbalo & Moto-Multi Gimbalo **Zoom**



74

Surface

Moto-Flap



80 **New**

Moto-Gimbalo Surface



82

Pendant

Sistema Moto-Multi Gimbalo



84 **New**

Outdoor

Moto-Gimbalo Terraluce



Landscape

86 **New**

Track Systems & Accessories

Low Voltage Track Options



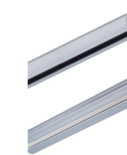
92

Power Supply



98 **New**

Eurotype Track System



100 **New**

1. Reduces Costs



2. Limits Liability



3. Easy to update



MOTOLUX is formalighting's innovative, affordable solution for aiming and focusing light – from the ground.

MOTOLUX's compact size, form and function meet the needs of retail, hospitality, museum, and commercial environments.

Historically, commercial motorized lighting evolved from theatre, where products were scaled versions of expensive large-format stage lights, limiting their use to niche applications in areas with little to no access.

With MOTOLUX, formalighting has used its best-selling products as a base to bring compact, motorized lighting to the world.

1. *Refocusing light is usually done by maintenance staff or external contractors after hours, leading to overtime costs. MOTOLUX simplifies the process; anyone can refocus the light from the ground, eliminating extra costs.*

2. *No more expensive ladders, scaffolds, or lifts. It is safe and easy for ANY person to adjust the lighting, reducing the potential for liability issues of workplace accidents. The motor is silent and includes a mechanical safety clutch to prevent damage if operated manually.*

3. *Changes and adjustments are straightforward. It is as simple as a touch on a smart device's screen, using our app, or a click of a button on the remote control.*

The Future of Light is moving

Flexibility.Modularity.Compatibility

• Every Angle Covered - Mix and Match Light Sources, Dimming protocols and Motion Control

Thanks to the advanced modular design of Motolux fixtures users can mix and match between many options of light sources, dimming options and movement control.

Motolux fixtures support all standard dimming protocols like DALI, DMX, 0-10V, Casambi and can be installed in the same lighting plan together with non-motorized fixtures from different manufacturers.

Motolux fixtures are easy to install, configure and use.

Motolux fixtures comply with different standards: KC, CB, CE, UL/CSA.



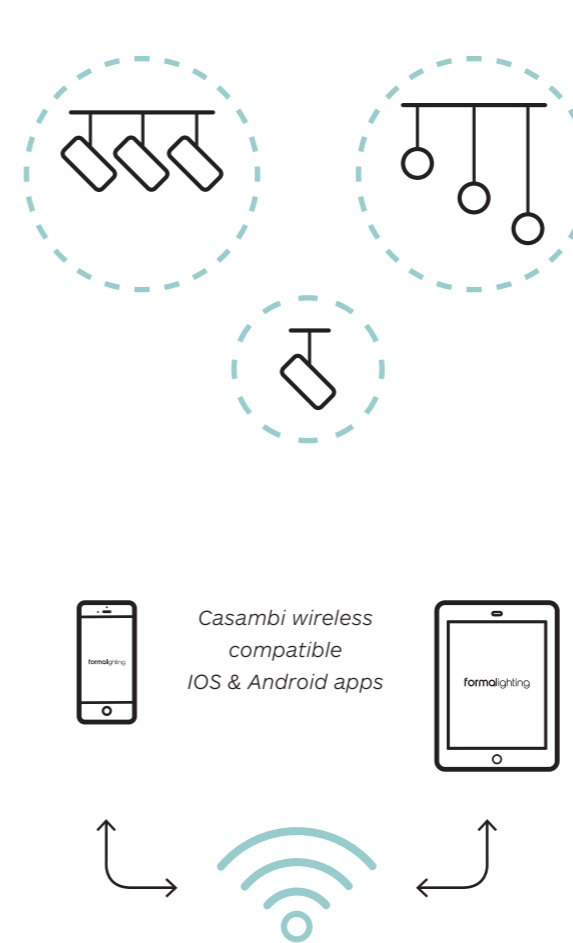
Location of Project: WOAW Gallery, Hong Kong



Control it. Your way

Different environments require different controls.

We understand this, so we developed MOTOLUX with the flexibility to be controlled by various options:



1. formalighting app powered by Casambi wireless

Our Casambi-based application has many of the functions of a popular centralized control system. It creates and memorizes Zones and Scenes, executes timer-based commands, and can also control non-formalighting fixtures using simple click-on modules.

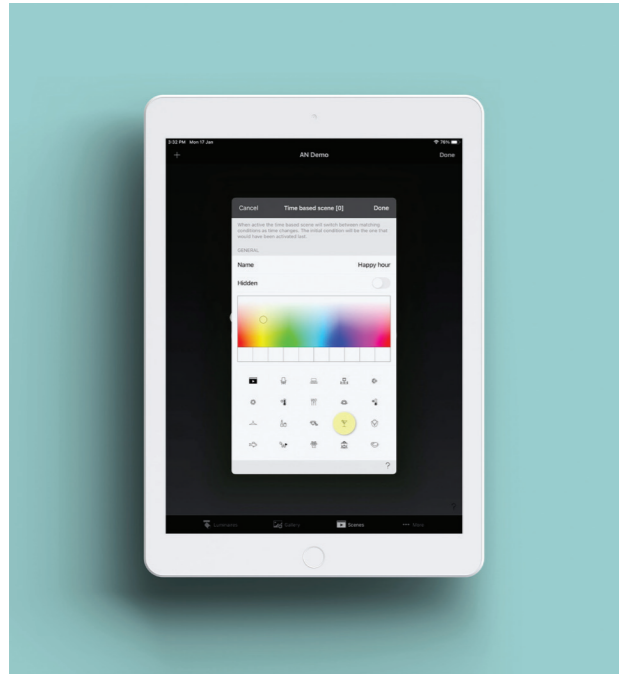
2. Central dimming system

The modular design of MOTOLUX fixtures enables hybrid control options. When a main dimming system is in use, the control of light levels or CCT can be done via main dimming system, while the control of the movement can be done by Casambi App.

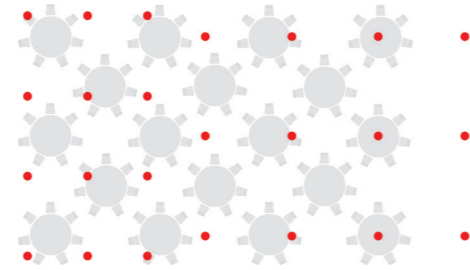
3. DMX Control

Motolux fixtures are compatible with DMX512 control with DMX controller. Through DMX wired controls it allows you to Pan, Tilt, Dim, Zoom, and even change the CCT or initiate scenes for single or multiple fixtures at one time, a simple and unified solution.

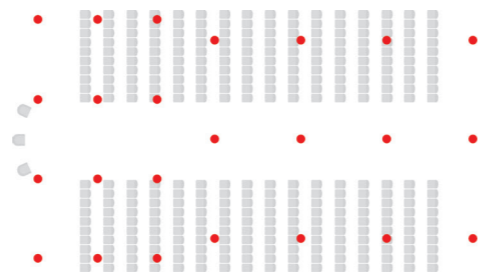
Casambi & formalighting



MOTOLUX fixtures are fully controlled by Casambi App.



One single installation with endless possibilities



CASAMBI

Casambi is based on the state-of-the-art wireless technology found in all modern smart devices, making it the only mainstream and futureproof, low-power radio technology.

Casambi technology provides a self-organizing wireless mesh network that can control many fixtures from any point. Firmware updates can be done over the network, and when units go offline, they can catch up with others when they return.

The formalighting app by Casambi is the user interface and can be used for commissioning and as a remote gateway.

The simple to use, free app works with iOS and Android devices.

To make life simple, the app shows only the relevant functionality of each Motolux fixture model for your project, making it equally suited to the commercial and residential lighting specification markets.

The Casambi devices are smart, they only connect when required.

Internet connection is unnecessary for normal operation; it is only needed for user interface configurations to be sent or recalled from the cloud service.

Easy configuration

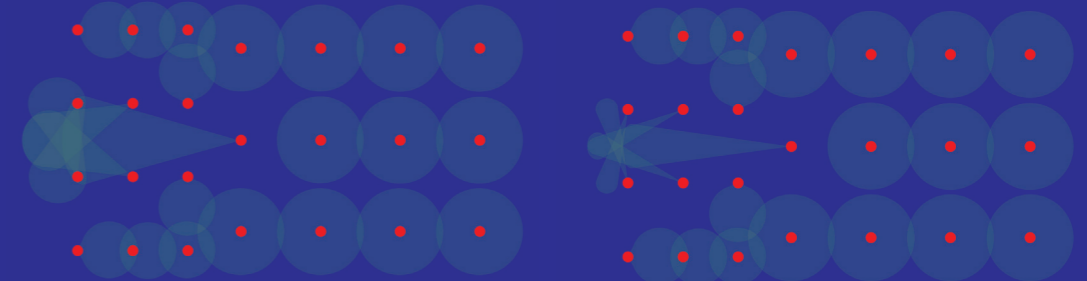
We introduce an easy and precise way to control and configure our luminaries.

Using the MOTOLUX app powered by Casambi, it is easy and fast to control a fixture, change Pan/Tilt positions, change CCT, adjust beam angles and save scenes.

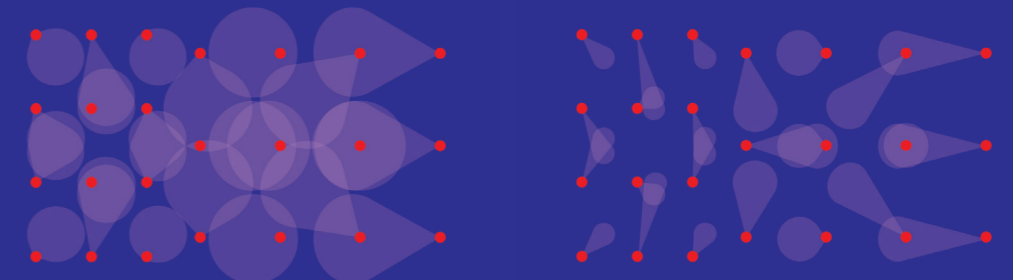
After saving it, any scene can be recalled with a simple click. Multiple scenes can be saved in the app, to adapt the illumination to the different time of the day or the different use of the ambience to enlighten.



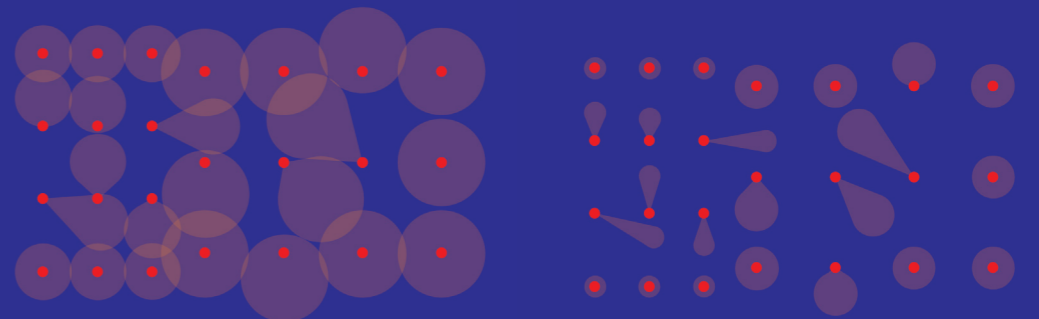
Scene 1.



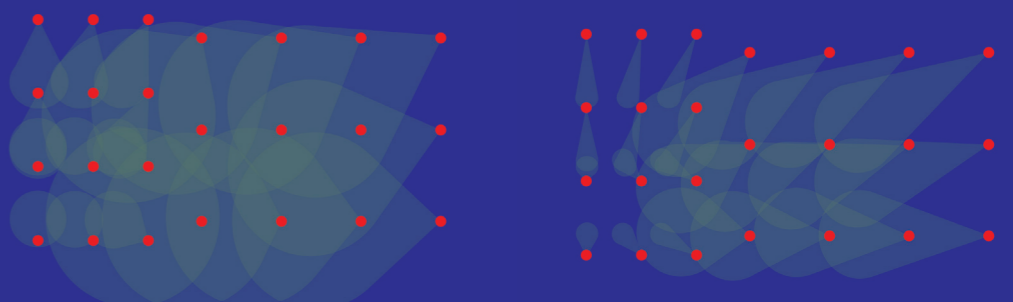
Scene 2.



Scene 3.



Scene 4...

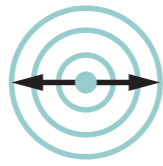
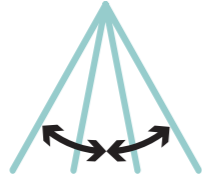


Key Features

Zoom. Change of beam angle

Every. Angle. Covered.

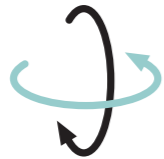
For unparalleled flexibility, selected MOTOLUX fixtures incorporate a beam-shaping lens, to focus the luminaires' beam angles from narrow to diffuse wide, giving the designers and the users the possibility to easily reconfigure the ambience according with different types of events. Now you have many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



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 is no longer necessary to hire maintenance technicians, using ladders or operating complicated mechanical scaffolds to reconfigure the ambience's illumination.



RGB / RGBW

A spectrum 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 window display applications.



Connectivity

Mesh Network

MOTOLUX powered by Casambi provides an organized wireless mesh network able to control infinite 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 with others when it returns back online.



Full control

Take control of the scene

MOTOLUX technology facilitates the control of multiple luminaires together via simple control methods - smart device app and patented remote control. Users can group the luminaires and control their movements, light intensity and light colour temperature. With Casambi it is possible to create scenes within a luminaire group.



Advanced Optics

Ultra spot, narrow, medium & 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 areas or objects. Another advantage is the possibility to deliver good illumination from high ceilings.

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 also offer a Tuneable White feature. The white colour temperature of the light can be adjusted between a 2700-6500K range. The right temperature at every moment of the day and for every event.

Full Spectrum (Sunlight)

Just like sunlight

Full Spectrum modules offer the possibility to imitate like never before the spectrum of sunlight, giving the designer the opportunity to create dramatic effects and play with the whole natural colour spectrum. Any subject can be displayed in a mimicked natural light, optimized further with gradients of off-Planckian colours.

Casambi Wireless

All its power in your hands

Thanks to the formalighting app powered by Casambi users can 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, users can create or recall specific light scenes.

DMX Control

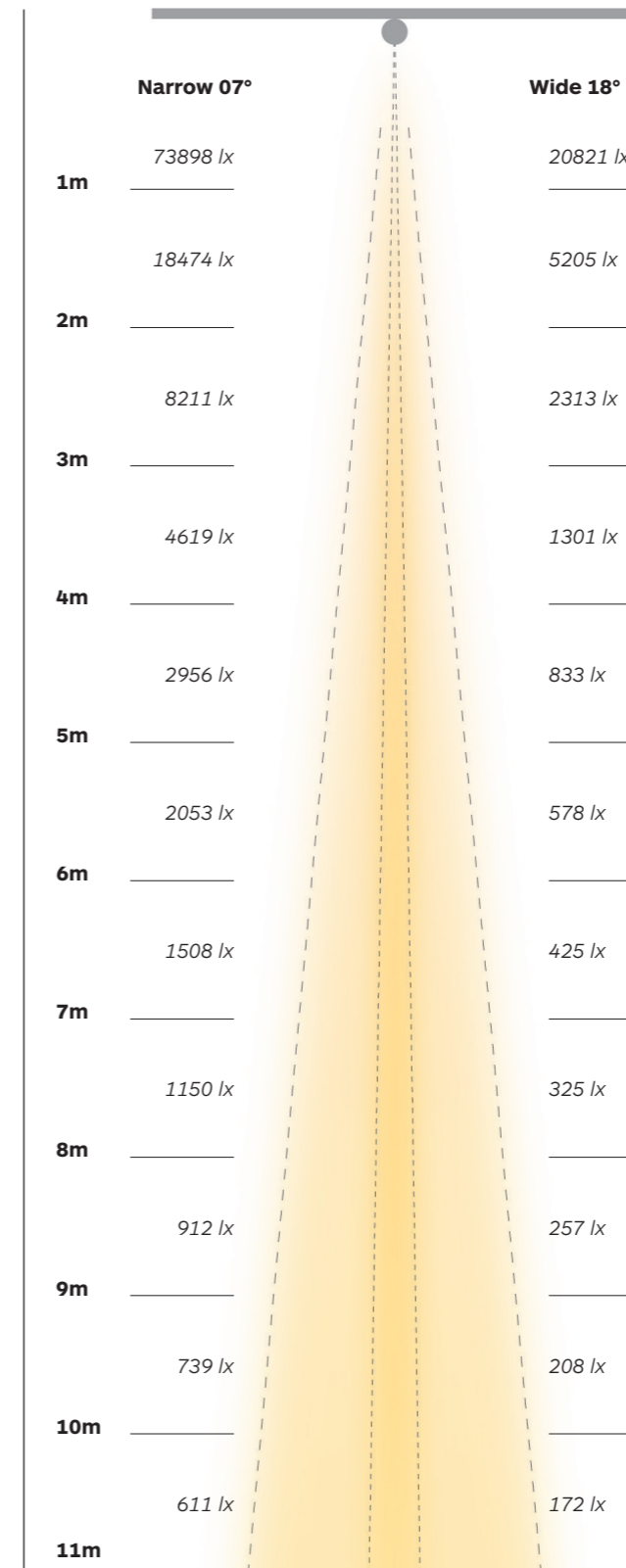
Control by Standard DMX512

Motolox fixtures can be controlled by a standard DMX512 protocol.

The flexibility of Motolox fixtures enables the user to select DMX control for dimming and/or movement.

Each fixture is addressable.

Beam Shaping



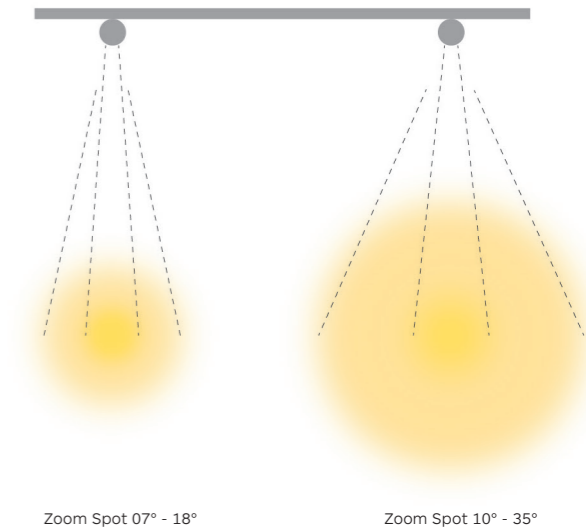
Every. Angle. Covered.

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.

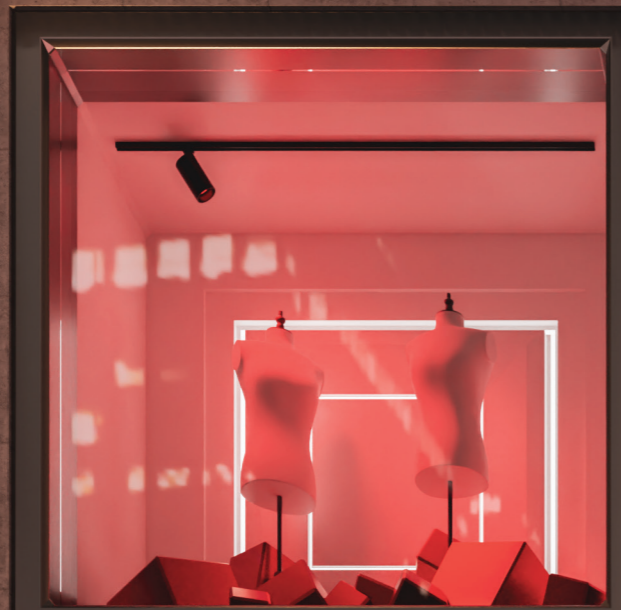
Using the MOTOLUX Zoom luminaires, designers and users can create dynamic lighting scenarios and precisely focus the light beam on specific zone or objects. The Zoom option is also the ideal solution to deliver a higher quantity of lux to the floor.

Zoom Spotlights



Full Spectrum Covered by Lumenetix

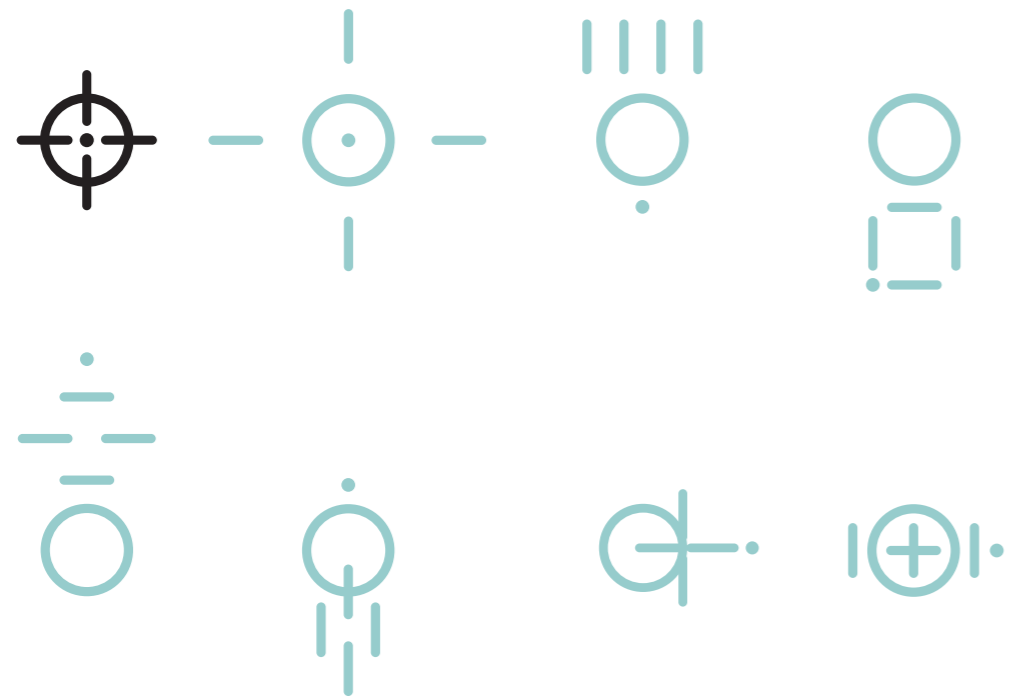
Full color Spectrum via wireless control technology by Lumenetix allows designers to access multiple colour illumination through one fixture, with selected MOTOLUX fixtures incorporating the revolutionary Lumenetix lighting technology. The Lumenetix Araya 5 Full-Spectrum LED chips deliver an unparalleled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



MOTOLUX powered by Lumenetix engines are able to deliver perfectly mixed white light, using five different colour channels 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.

lumenetix CASAMBI

Set. Save. Recall.



MOTOLUX PRO

Motorized Remote Controlled Lighting

*MOTOLUX PRO brings intelligent spotlighting to configurable spaces with guaranteed accuracy.
Precise positioning, beam angle adjustments and dim level are controlled through the CASAMBI app or DMX.
Simply Set, Save, and recall scenes as desired.*



High precision positioning



Moto-Zero130 PRO



Moto-Combo PRO



Easy & Fast configuration

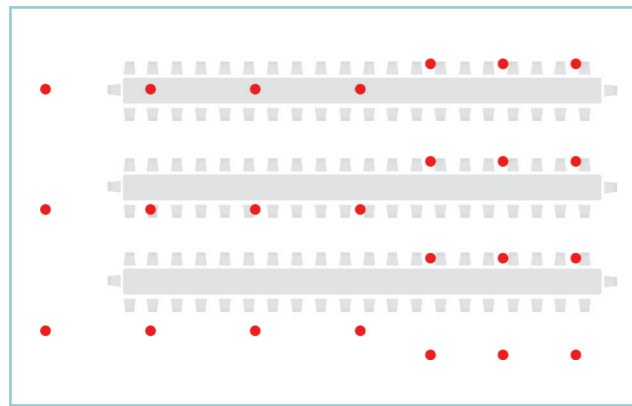


Silent movement

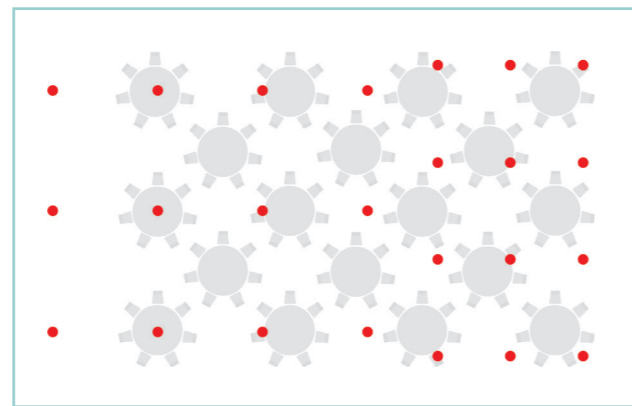
MOTOLUX PRO by formalighting

Motorized Remote Controlled Lighting

All MOTOLUX PRO luminaires are independently intelligent due to their inbuilt memory. Regardless of which control protocol is used, they are able to recall any pan and tilt position, colour temperature, beam angle and dimming level previously recorded via **CASAMBI** Control app.



Scene 1. Banquet Hall



Scene 2. Ballroom



Control a fixture
Long press on a fixture will open the control screen.



Move it
Simply move the sliders to set position, beam angle and dim level.



Scene tab
Save scenes and create Animations that can be recalled later or be activated by timer.

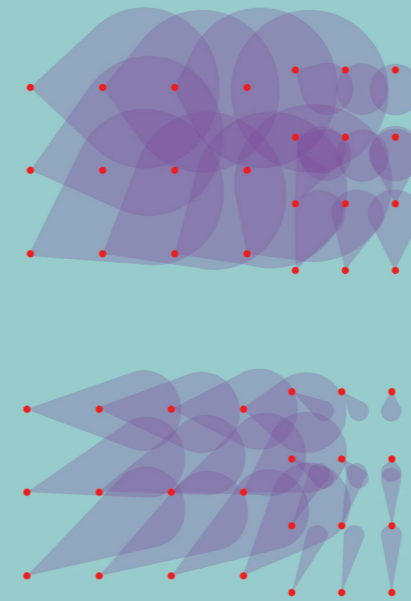


Gallery tab
Use Casambi Gallery feature to visually control the fixtures. The Gallery feature provides a simple and intuitive way to control.

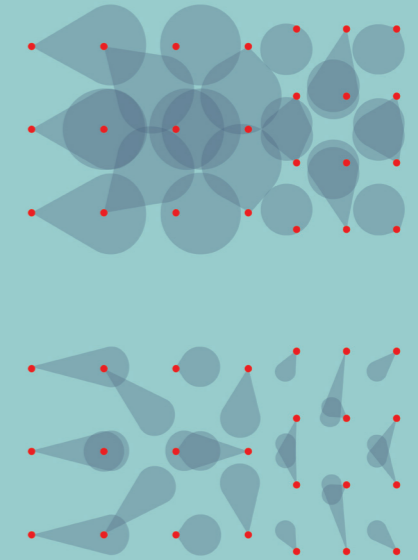
MOTOLUX PRO

Motorized Remote Controlled Lighting

A scene is a recorded dimming level and position of single or multiple Motolux fixtures. Use of scenes in multi-functional spaces help to quickly change the light setting from one configuration to another. Call a pre-recorded scene for Motolux fixtures to move to the exact programmed position and light level.



Scene 1. Banquet Hall



Scene 2. Ballroom



Areas of Application

Museums / Galleries



Related products

Moto-Zero & Moto-Zero Zoom Low Voltage Track
 Moto-Zero Compasso Main Voltage Track
 Moto-Zero Compasso Zoom Main Voltage Track
 Moto-Zero & Moto-Zero Pro Main Voltage Track
 Moto-Zero Zoom & Moto-Zero Zoom Pro Main Voltage Track
 Moto-Ola
 Moto-Polaris

Banquets Hall



Related products

Moto-Zero & Moto-Zero Zoom Low Voltage Track
 Moto-Zero Compasso Main Voltage Track
 Moto-Zero Compasso Zoom Main Voltage Track
 Moto-Zero & Moto-Zero Pro Main Voltage Track
 Moto-Zero Zoom & Moto-Zero Zoom Pro Main Voltage Track
 Moto-Ola
 Moto-JoJo
 Moto-Combo & Moto-Combo Pro
 Moto-Combo Zoom & Moto-Combo Zoom Pro
 Moto-Palla In & Out
 Moto-Colosseo
 Moto-Gimbalo & Moto-Gimbalo Pro
 Moto-Gimbalo Zoom & Moto-Gimbalo Zoom Pro
 Moto-Multi Gimbalo & Moto-Multi Gimbalo Zoom
 Moto-Gimbalo Surface
 Sistema Moto-Multi Gimbalo

Shop Windows & Retail



Related products

Moto-Zero & Moto-Zero Zoom Low Voltage Track
 Moto-Zero Compasso Main Voltage Track
 Moto-Zero Compasso Zoom Main Voltage Track
 Moto-Zero & Moto-Zero Pro Main Voltage Track
 Moto-Zero Zoom & Moto-Zero Zoom Pro Main Voltage Track
 Moto-Ola
 Moto-Polaris
 Moto-Palla In & Out
 Moto-Colosseo
 Moto-Gimbalo & Moto-Gimbalo Pro
 Moto-Gimbalo Zoom & Moto-Gimbalo Zoom Pro
 Moto-Multi Gimbalo & Moto-Multi Gimbalo Zoom
 Moto-Gimbalo Surface
 Sistema Moto-Multi Gimbalo

High ceilings



Related products

Moto-Zero & Moto-Zero Zoom Low Voltage Track
 Moto-Zero Compasso Main Voltage Track
 Moto-Zero Compasso Zoom Main Voltage Track
 Moto-Zero & Moto-Zero Pro Main Voltage Track
 Moto-Zero Zoom & Moto-Zero Zoom Pro Main Voltage Track
 Moto-Ola
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 Moto-Gimbalo Zoom & Moto-Gimbalo Zoom Pro
 Moto-Multi Gimbalo & Moto-Multi Gimbalo Zoom
 Moto-Gimbalo Surface
 Sistema Moto-Multi Gimbalo

Hospitality / Restaurants



Related products

Moto-Zero & Moto-Zero Zoom Low Voltage Track
 Moto-Zero Compasso Main Voltage Track
 Moto-Zero Compasso Zoom Main Voltage Track
 Moto-Zero & Moto-Zero Pro Main Voltage Track
 Moto-Zero Zoom & Moto-Zero Zoom Pro Main Voltage Track
 Moto-Ola
 Moto-Polaris
 Moto-JoJo
 Moto-Flap

High-end residential / Living spaces



Related products

Moto-Zero & Moto-Zero Zoom Low Voltage Track
 Moto-Zero Compasso Main Voltage Track
 Moto-Zero Compasso Zoom Main Voltage Track
 Moto-Zero & Moto-Zero Pro Main Voltage Track
 Moto-Zero Zoom & Moto-Zero Zoom Pro Main Voltage Track
 Moto-Ola
 Moto-JoJo
 Moto-Venus
 Moto-Palla In & Out
 Moto-Colosseo
 Moto-Flap
 Sistema Moto-Multi Gimbalo

Project References

Since the 2016 series launch, over 18,000 Motolux fixtures have been installed in over 500 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.

Banquet Halls



Banquet Hall.
Dubai.

Hospitality



Restaurant.
Macau.

Museums / Art Galleries



Art Gallery Project.
Manila.



MOTOLUX PRO

Motorized Remote Controlled Lighting

Moto-Zero PR

130 | Zoom 130 PR



Body

Moto-Zero PRO are intelligent due to their inbuilt memory, allowing them to instantly recall pre-recorded position, color temperature, beam angle, and dim level settings previously recorded via CASAMBI™ Control app. Motorized track mounted spotlight with light head and control gearbox in cast aluminium. Moto-Zero Pro 130 is inclusive of adapter compatible with 3 phase eurotype track.

The control gearbox is available in two different shapes, D and S. Check page 104 for more details about gearboxes. Two DC motors drive movements, offering ±90° vertical tilt and 360° horizontal Pan motion. The zoom version consists of a third motor that allows light beam adjustment.

Accessories

Linear spread, honeycomb louvre, Visor, Snoot. For more information about accessories see page 90 and for track accessories see pages 100-101.

Finish

Powder coat in black, white or grey colour.

LED sources

COB LED. High Power LED. Lumenetix Full Spectrum. Tuneable White. RGBW (Moto-Zero 130 Pro). CRI: 90 | CCT: 3000K, 4000K, Full Spectrum, Tuneable White. Other CRI and CCT options available on request.

Optic

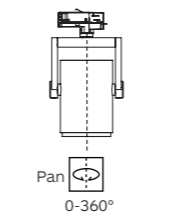
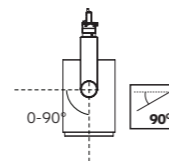
Lens or Reflector (according to the chosen light source). Beam Angle: Super Narrow (7°) / Narrow / Medium / Wide. Zoom Lens 7°-18°. Tuneable White Zoom Lens 14°-42°.

Driver

Dimmable driver integrated in the gear box. Motion Control: Casambi. Dimming Options: Casambi, 0-10V, DALI, DMX. Colour Tuning: Casambi, DMX.

Applications

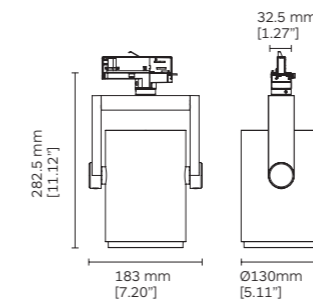
Use of CASAMBI™ scene control to recall Moto Zero PRO from ground level with pre-recorded position and light settings, reducing set up time and maximizing the portability of space. Application areas: Retail, museums, hospitality, restaurants.



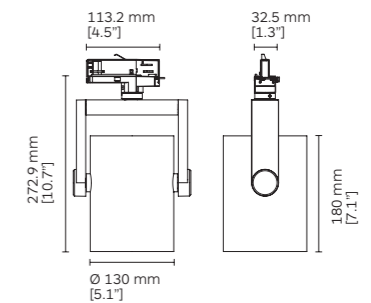
Moto-Zero PR & Moto-Zero Zoom PR



Moto-Zero 130 Pro



Moto-Zero Zoom 130 Pro



Code ordering example: **M 6 7 4 I C 3 4 - 9 0 3 0 1 0 A C 1 0**

	Product Code	Light Source Code*	>CRI	CCT	LED Power	Nominal Lumen	Beam Angle (BA°)	Control Option		Finish
								Motor Control	Dimming Control	
Moto - Zero 130 Pro	M674	IC34	90	30 3000K	43W	4480 lm	10 / 18 / 42	A CASAMBI	C CASAMBI	10 ■ Black
				40 4000K	29W	4670 lm				11 □ White
				BR21	29W	2780 lm				75 ■ Grey
				BI11	34W	2320 lm				1 0-10V Dim
Moto-Zero Zoom 130 Pro	M675	BN21	90	30 3000K	25W	2870 lm	26 / 31 / 36	M DMX	X DMX	BS (07° - 18°)
				40 4000K	29W	3110 lm				1 0-10V Dim
				FS Full Spectrum	50W	2600 lm				P PHASE
				T2 2700-6500K	33W	3260 lm				
				T6 from 2700K to 5000K	28W	from 2515 lm to 3417 lm				
BC33	29W	from 3154 lm to 3428 lm								

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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

² The values in the nominal lumen are referring to the peak lumen.

BS: Beam shaping.

Moto-Combo PR

136 | Zoom 136 PR



Body

Moto-Combo PRO are intelligent due to their inbuilt memory, allowing them to instantly recall pre-recorded position, color temperature, beam angle and dim level settings previously recorded via CASAMBI™ control app.

The fixture body made of aluminium and mounting ring of mild steel. Brackets for trim installation on ceiling thickness max. 25mm.

Two DC motors drive the movements of the fixture, which is tiltable vertically up to 30° in all directions on a dual-axis gimbal. Zoom version includes a third motor that controls a special lens, which allows beam angle adjustment between 7°-18°.

Accessories

Linear spread, honeycomb louvre, snoot, visor. For more information about accessories see page 91.

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

Optic

Lens.
Beam Angle: Narrow / Medium / Wide.
Zoom version available with a 7°-18° range. Tuneable White Zoom Lens 14°-42°.

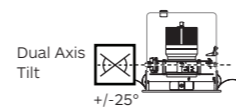
Driver

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

Applications

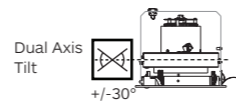
Use of CASAMBI™ scene control to recall Moto Combo Pro from ground level with scenes, reducing set up time and maximizing the portability of space.
Application areas: Exhibition Space, banquet halls, ballrooms, restaurants.

Moto - Combo 136 Pro



Moto - Combo 195 Pro

Moto - Combo 195 Pro Zoom



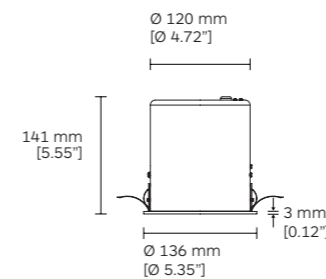
Moto-Combo PR & Moto-Combo Zoom PR



Moto-Combo 136 Pro

Trim

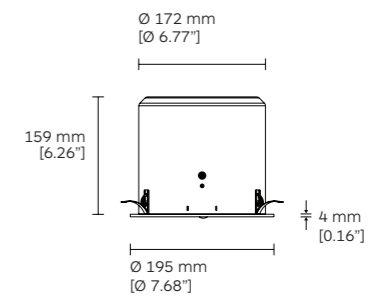
Ø127



Moto-Combo 195 Pro & Moto-Combo 195 Pro Zoom

Trim

Ø186



Code ordering example: **M 5 A 3 M N 2 1 - 9 0 3 0 1 1 A C 1 0**

	Product Code	Light Source Code*	>CRI	CCT	LED Power	Nominal Lumen	Beam Angle (BA°)	Control Option		Finish	
								Motor Control	Dimming Control		
Moto-Combo 136 Pro	M5A3	MN21	90	30 3000K	10W	1227 lm	11 / 16 / 30	A CASAMBI	C CASAMBI	10 Black	
				40 4000K		1314 lm				M DMX	X DMX
Moto-Combo 195 Pro	M5A4	AC33	90		21W	2280 lm	15 / 24 / 38	A DALI Dim	1 0-10V Dim	75 Grey	
						2490 lm				P PHASE	
						2630 lm					
						2750 lm					
Moto-Combo 195 Pro Zoom	M5A5	MN21	90	30 3000K	17W	from 1827 lm	BS (07° - 18°)				
				40 4000K		to 1955 lm					
						from 1980 lm				BS (14° - 42°)	
						to 2655 lm					
						from 2870 lm				BS (07° - 18°)	
		to 3110 lm									
		from 2515 lm	BS (14° - 42°)								
		to 3417 lm									
		from 3154 lm	BS (14° - 42°)								
		to 3428 lm									

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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

² The values in the nominal lumen are referring to the peak lumen.

PATENTED

BS: Beam shaping.

Moto-Gimbalo PR

130 | Zoom 130 PR



Body

Moto-Gimbalo PRO are intelligent due to their inbuilt memory, allowing them to instantly recall pre-recorded position, color temperature, beam angle with and dim level settings previously recorded via CASAMBI™ control app.

Motorized Gimbalo mounting trim and gimbal head are made of cast aluminium. The mounting brackets are designed for ceiling thickness max. 25 mm. Remote-controlled DC motors drive movements of the fixture smoothly. Tilttable 0-30° in all directions on a dual-axis gimbal.

Zoom version includes a third motor that controls a special lens, which allows beam angle adjustment between 7°-18°.

Accessories

Linear spread, honeycomb louvre, snoot, visor. For more information about accessories see page 91.

Finish

Powder coat in black, white or grey colour.

LED sources

COB LED, High Power LED (Moto-Gimbalo 130 PRO), Lumenetix Full Spectrum, Zoom COB. CRI: 90 | CCT: 3000K, 4000K, FS. Other CRI and CCT options, Tuneable White and DimToWarm versions available on request.

Optic

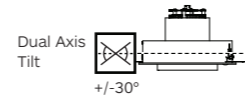
Lens. Beam Angle: Narrow / Medium / Wide. Zoom version available with a 7°-18° range. Tuneable White Zoom Lens 14°-42°.

Driver

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



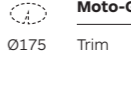



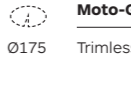

Applications

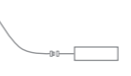



Use of CASAMBI™ scene control to recall Moto Gimbalo PRO from ground level with pre-recorded position and light settings, reducing set up time and maximizing the portability of space. Application areas: Retail, hotels, restaurants, hospitals, lobbies, gyms.

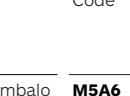

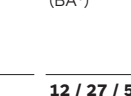



Moto-Gimbalo PR & Moto-Gimbalo Zoom PR










	Moto-Gimbalo 130 Pro Trim 		Moto-Gimbalo Zoom 130 Pro Trim 
Ø175	Ø175	Ø175	Ø175
	Moto-Gimbalo 130 Pro Trimless 		Moto-Gimbalo Zoom 130 Pro Trimless 
Ø175	Ø175	Ø175	Ø175

	Moto-Gimbalo 130 Pro Trimless 		Moto-Gimbalo Zoom 130 Pro Trimless 
Ø175	Ø175	Ø175	Ø175

	Moto-Gimbalo 130 Pro Trimless 		Moto-Gimbalo Zoom 130 Pro Trimless 
Ø175	Ø175	Ø175	Ø175

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

	Product Code	Light Source Code*	>CRI	CCT	LED Power	Nominal Lumen	Beam Angle (BA°)	Control Option		Finish
								Motor Control	Dimming Control	
Moto - Gimbalo 130 Pro	M5A6 	LC33	90	30 3000K	25W	2539 lm	12 / 27 / 55	A CASAMBI	C CASAMBI	10  Black
	M5A7 			40 4000K		2761 lm		M DMX	X DMX	11  White
		MR21			19W	1862 lm	07 / 21 / 36		A Dali Dim	75  Grey
		ML22 ¹	FS	Full Spectrum	18W	750 lm	12 / 19 / 28		1 0-10V Dim	P PHASE
Moto - Gimbalo Zoom 130 Pro	M5A8 	MN21	90	30 3000K	17W	from 1827 lm to 1955 lm	BS (07° - 18°)			
	M5A9 			40 4000K	21W	from 1980 lm to 2655 lm	BS (14° - 42°)			
		MN31		T6 from 2700K to 5000K		from 1980 lm to 2655 lm	BS (14° - 42°)			
		HN21		30 3000K	25W	from 2870 lm to 3110 lm	BS (07° - 18°)			
		HN31		40 4000K		from 2870 lm to 3110 lm	BS (07° - 18°)			
		HN31		T6 from 2700K to 5000K	28W	from 2515 lm to 3417 lm	BS (14° - 42°)			
		MC33		30 3000K	29W	from 3154 lm to 3428 lm	BS (14° - 42°)			
				40 4000K		from 3154 lm to 3428 lm	BS (14° - 42°)			

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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

² The values in the nominal lumen are referring to the peak lumen.

PATENTED

BS: Beam shaping.

MOTOLUX
Motorized Remote Controlled Lighting

Motorized Architectural Lighting

MOTOLUX for 48V Low Voltage Track System

Moto Zero's family of remote controlled motorized track lighting is now including specific 48V versions, which offer all the advantages of Low-Voltage luminaires.

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, 68mm 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 precision 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.



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 90 and for low voltage track accessories see pages 92-97.

Finish

Powder coat in black or white colour.

LED sources

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

Optic

Lens or Reflector (only for Moto-Zero 68 TW). Beam Angle: Super Narrow (7°) / Narrow / Medium / Wide.

Driver






48V input integrated. Motion Control: Casambi. Dimming Options: Casambi. Colour Tuning: Casambi. **Power supply** unit to be ordered separately, see page 98.

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.90-91 for details

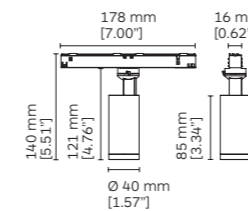
-  **2ST1**
Surface Track
-  **2ST6**
Surface Track
Pendant Track
-  **2ST7**
Pendant Track
For Down Side
-  **2ST8**
Recessed Track
Trim
-  **2ST3**
Recessed Track
Trimless

Moto-Zero Low Voltage Track



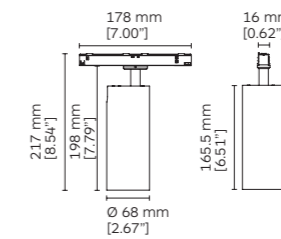
Moto-Zero Low Voltage 40

Low Voltage Track



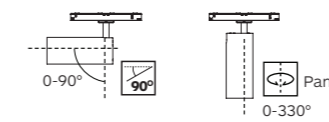
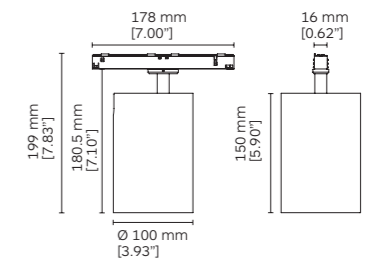
Moto-Zero Low Voltage 68

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	M901	BC31 COB LED	90	30 3000K	6W	664 lm	16 / 26 / 36	DC CASAMBI	10 ■ Black 11 □ White
		BR21 High Power LED		40 4000K	4W	439 lm	07 / 21 / 36		
		BB33 TW COB LED	T2 2700-6500K	6W	710 lm	17 / 27 / 35			
Moto-Zero Low Voltage 68	M902	BC22 COB LED	90	30 3000K	12W	1550 lm	16 / 25 / 36		
		BR21 High Power LED		40 4000K	6W	530 lm	05		
		BL22 Lumenetix ¹	90	FS Full Spectrum	18W	750 lm	18 / 25 / 33		
		IU21 TW COB LED	T2 2700-6500K	13W	1290 lm	16 / 25 / 48			
Moto-Zero Low Voltage 100	M903	BC33 COB LED	90	30 3000K	25W	2760 lm	12 / 22 / 32		
		BR21 High Power LED		40 4000K	19W	1862 lm	07 / 21 / 36		
						3000 lm			
						1920 lm			

Notes:

- * For complete code ordering information, please see page 104. For related accessories, please see pages 90-91 & 92-97
- ¹ Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.
- ¹ 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 pages 92-97.

Finish

Powder coat in black or white colour.

LED sources

High Power LED. (Moto-Zero Zoom 40).
COB LED (Moto-Zero Zoom 80).
Lumenix Full Spectrum (Moto-Zero Zoom 80).
CRI: 90 | CCT: 3000K, 4000K, Full Spectrum (Moto-Zero Zoom 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 98.

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.90-91 for details

-  **2ST1**
Surface Track
-  **2ST6**
Surface Track
Pendant Track
-  **2ST7**
Pendant Track
For Down Side
-  **2ST8**
Recessed Track
Trim
-  **2ST3**
Recessed Track
Trimless

Moto-Zero Zoom Low Voltage Track



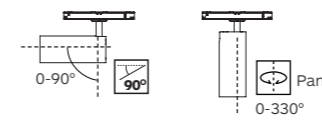
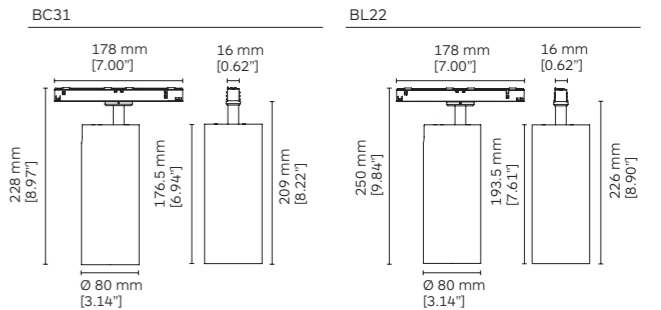
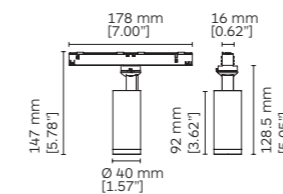
Moto-Zero Zoom Low Voltage 40

Low Voltage Track



Moto-Zero Zoom Low Voltage 80

Low Voltage Track



Code ordering example: **M 9 0 4 B C 3 8 - 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	M904	BC38 COB LED	90	30 3000K	9W	962 lm	BS (13° - 33°)	DC CASAMBI	10 ■ Black
				40 4000K		1029 lm			11 □ White
Moto-Zero Zoom Low Voltage 80	M905	BC31 COB LED	90	30 3000K	14W	1410 lm	BS (11° - 33°)		
				40 4000K		1540 lm			
	BL22	Lumenix ¹	90	FS Full Spectrum	18W	750 lm	BS (15° - 45°)		

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 92-97.

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

¹ The values in the nominal lumen are referring to the peak lumen.

BS: Beam shaping.

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 90 and for track accessories see pages 100-101.

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

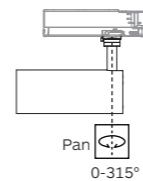
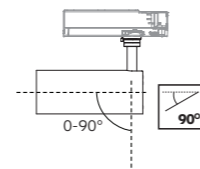
Lens or Reflector (only for Moto-Zero Compasso 68 TW). Beam Angle: Super Narrow (7°) / Narrow / Medium / Wide. **Moto-Zero Zoom** series: special lenses with beam-shaping technology.

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.

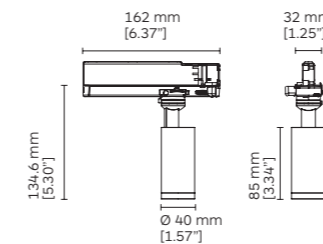


Moto-Zero Compasso



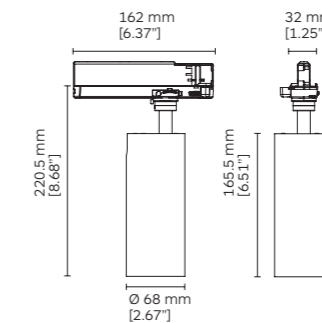
Moto-Zero Compasso 40

Compasso Main Voltage Track



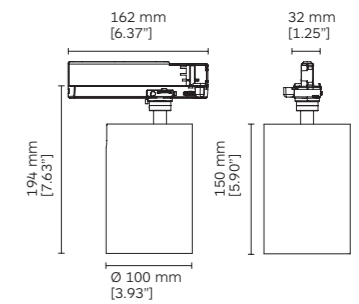
Moto-Zero Compasso 68

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	M639	BC31 COB LED	90	30 3000K	6W	664 lm	16 / 26 / 36	DC CASAMBI	10 ■ Black 11 □ White
		BR21 High Power LED		40 4000K	4W	439 lm	07 / 21 / 36		
		BB33 TW COB LED	T2 2700-6500K	6W	710 lm	17 / 27 / 35			
Moto-Zero Compasso 68	M665	BC22 COB LED	90	30 3000K	12W	1550 lm	16 / 25 / 36		
		BC22 COB LED		40 4000K	12W	1570 lm	16 / 25 / 36		
		BR21 High Power LED		6W	530 lm	05			
		BL22 Lumenetix ¹	90	FS Full Spectrum	18W	750 lm	18 / 25 / 33		
Moto-Zero Compasso 100	M666	BC33 COB LED	90	30 3000K	25W	2760 lm	12 / 22 / 32		
		BC33 COB LED		40 4000K	25W	3000 lm	12 / 22 / 32		
		BR21 High Power LED		19W	1862 lm	07 / 21 / 36			
						1920 lm			

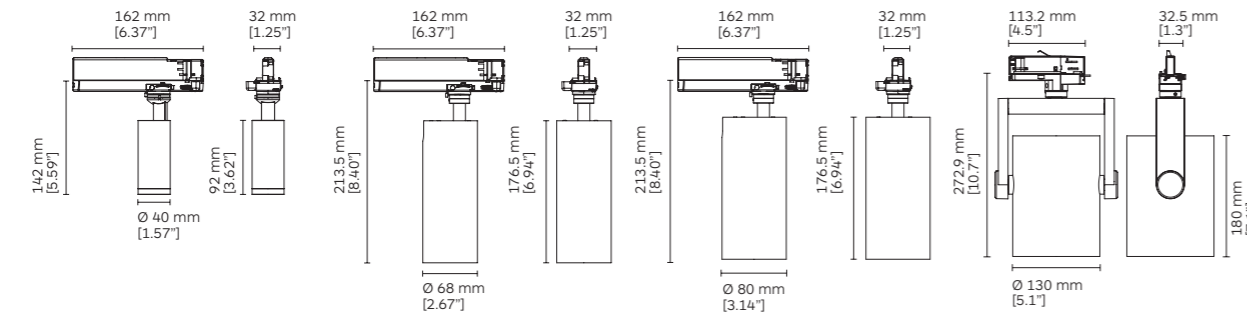
Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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

¹ The values in the nominal lumen are referring to the peak lumen.

Moto-Zero Zoom



Code ordering example: **M 6 6 7 B C 3 8 - 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	M667	BC38 COB LED	90	30	3000K	9W	962 lm	DC CASAMBI	10 ■ Black
				40	4000K	1029 lm	11 □ White		
Moto-Zero Compasso Zoom 68	M668	BC31 COB LED	90	30	3000K	14W	1410 lm	DC CASAMBI	10 ■ Black
				40	4000K	1540 lm			
Moto-Zero Compasso Zoom 80	M669	BC31 COB LED	90	30	3000K	14W	1410 lm	DC CASAMBI	10 ■ Black
		BL22 Lumenetix ¹		40	4000K	1540 lm			
Moto-Zero Zoom 130	M670	BN21 COB LED	90	30	3000K	25W	2870 lm	DC CASAMBI	10 ■ Black
		BN31 TW COB LED		40	4000K	28W	from 2515 lm to 3417 lm		
		BC33 COB LED		30	3000K	29W	from 3154 lm to 3428 lm		
			40	4000K					

Notes:

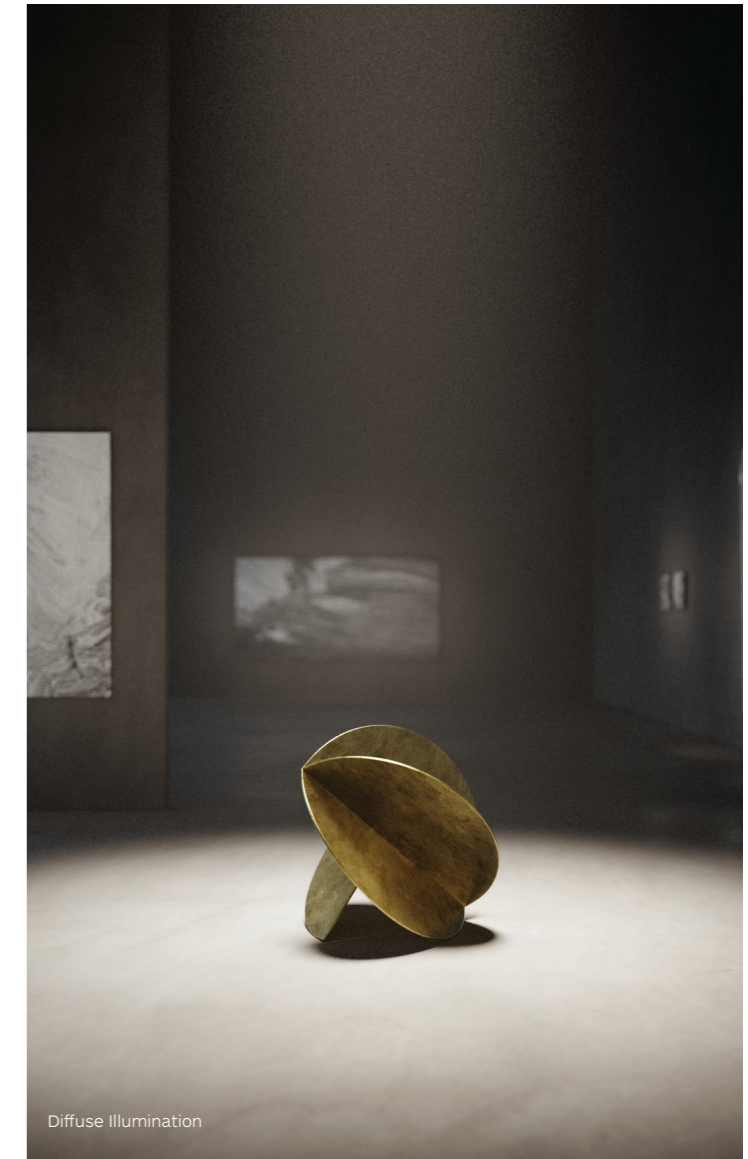
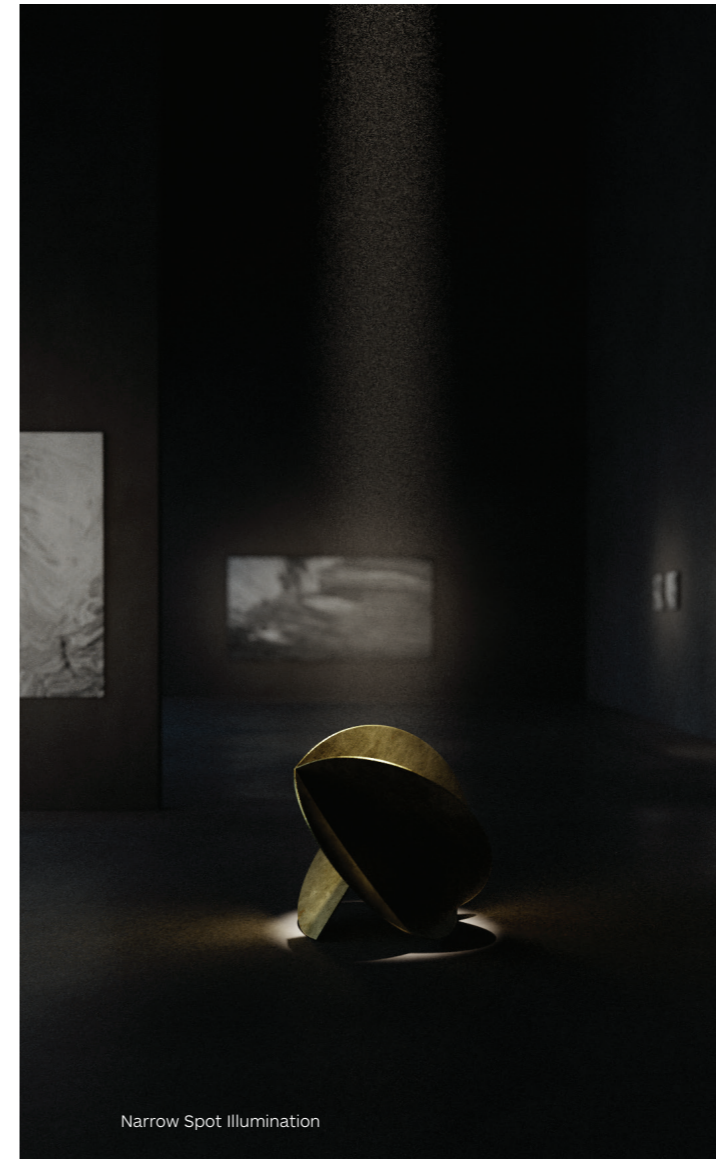
* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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

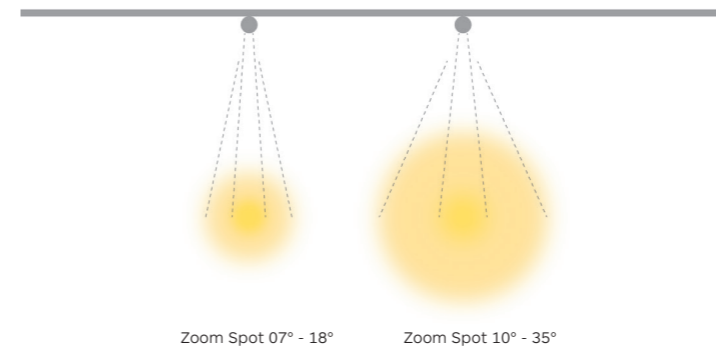
¹ The values in the nominal lumen are referring to the peak lumen.

BS: Beam shaping.

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 104 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 90 and for track accessories see pages 100-101.

Finish

Powder coat in black or white colour.

LED sources

COB LED. High Power LED. Lumenetix Full Spectrum. Tuneable White. RGBW (Moto-Zero 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). Beam Angle: Super Narrow (7°) / Narrow / Medium / Wide.

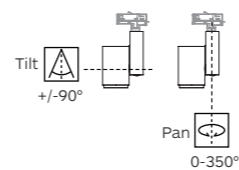
Driver

Dimmable driver integrated in the gear box. Motion Control: Casambi. Dimming Options: Casambi, 0-10V, DALI, DMX. Colour Tuning: Casambi, DMX. 100-277V 50/60Hz.

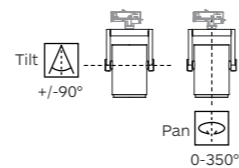
Applications

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

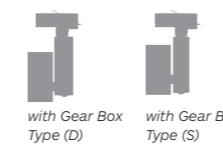
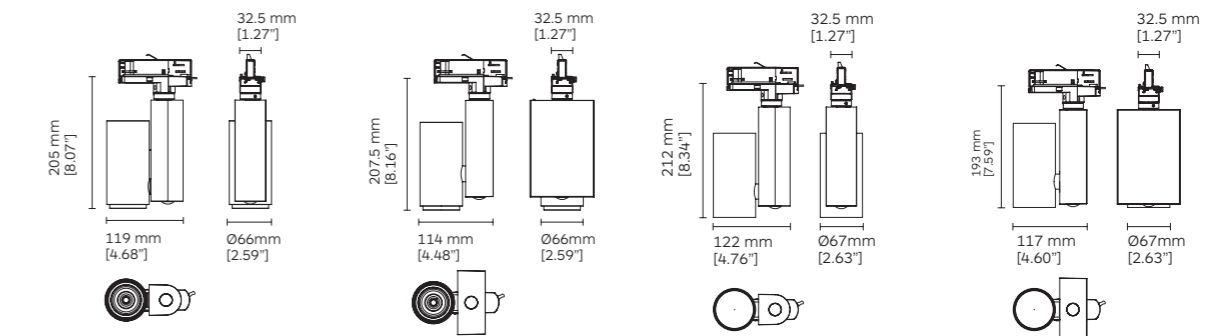


Gear Box Type D (D)

Gear Box Type S (S)

Gear Box Type D (D)

Gear Box Type S (S)



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

	Product code	Light source code*	>CRI	CCT**	LED Power	Nominal Lumen	Beam angle (BA°)	Driver & Box Type Options		Finish
								D	S	
Moto - Zero 66	M621	IC32 COB LED	90	30 3000K	26W	2450 lm	15 / 23 / 45	DC	CASAMBI	10 ■ Black
		BR21 High Power LED		40 4000K		2550 lm				11 □ White
	BL22 Lumenetix ¹	FS Full Spectrum	6W	530 lm	05	D1	0-10V Dim	SX	DMX	
	IU21 TW COB LED	T2 2700-6500K	13W	1290 lm	16 / 25 / 48	/	SC	CASAMBI		
Moto - Zero Zoom 66	M641	BC31 COB LED	90	30 3000K	14W	1410 lm	BS (11° - 35°)	DC	CASAMBI	SA DALI Dim
				40 4000K		1540 lm		D1	0-10V Dim	SX DMX

Notes:

- * For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.
- ** For Tuneable White (T2) option, the type of driver box is always Square shape (S).
- ¹ Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.
- ² The values in the nominal lumen are referring to the peak lumen. ³ Wide angle denotes as field angles.
- 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



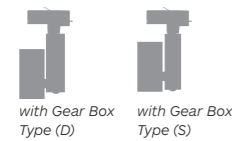
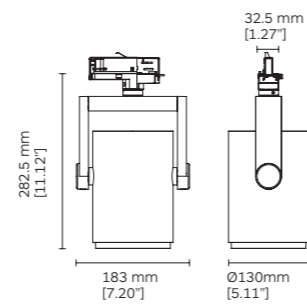
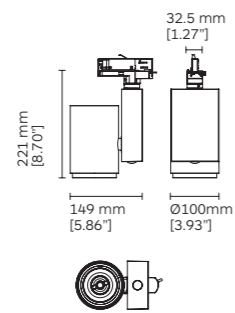
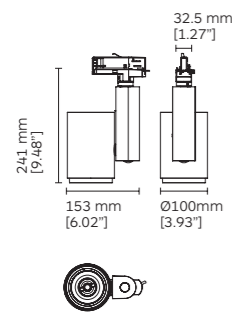
Moto-Zero 130

Main Voltage Track







Gear Box Type D (D)

Gear Box Type S (S)



with Gear Box Type (D) with Gear Box Type (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	M620	IC33 COB LED	90	30 3000K	33W	3290 lm	12 / 27 / 55	DC CASAMBI	10  Black
				40 4000K		3430 lm		SA DALI Dim	11  White
	BR21	High Power LED			19W	1862 lm	07 / 21 / 36	D1 0-10V Dim	
						1920 lm		SX DMX	
Moto - Zero 130	M619	IC34 COB LED	90	30 3000K	43W	4480 lm	10 / 18 / 42	DC CASAMBI	
				40 4000K		4670 lm		DA Dali Dim	
	BR21	High Power LED			29W	2780 lm	07 / 21 / 36	D1 0-10V Dim	
						2910 lm		DX DMX	
	BI11 RGBW		RG BW	34W	2320 lm	12 / 24 / 36			
	BL35 Lumenetix ¹		FS Full Spectrum	50W	2600 lm	26 / 31 / 36	DC CASAMBI		
	IB28 TW High Power LED		T2 2700-6500K	34W	3260 lm	12 / 22 / 36	/ SC		

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

** For Tuneable White (**T2**) option, the type of driver box is always Square shape (**S**).

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

¹ 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, to fit different types of drivers. Check page 104 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 pages 100-101.

Finish

Powder coat in black and white colour.

LED sources

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

Optic

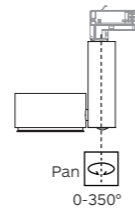
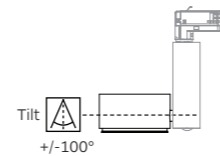
Lens. Beam Angle: Narrow / Medium / Wide. Moto-Ola 130 available in wallwasher version.

Driver

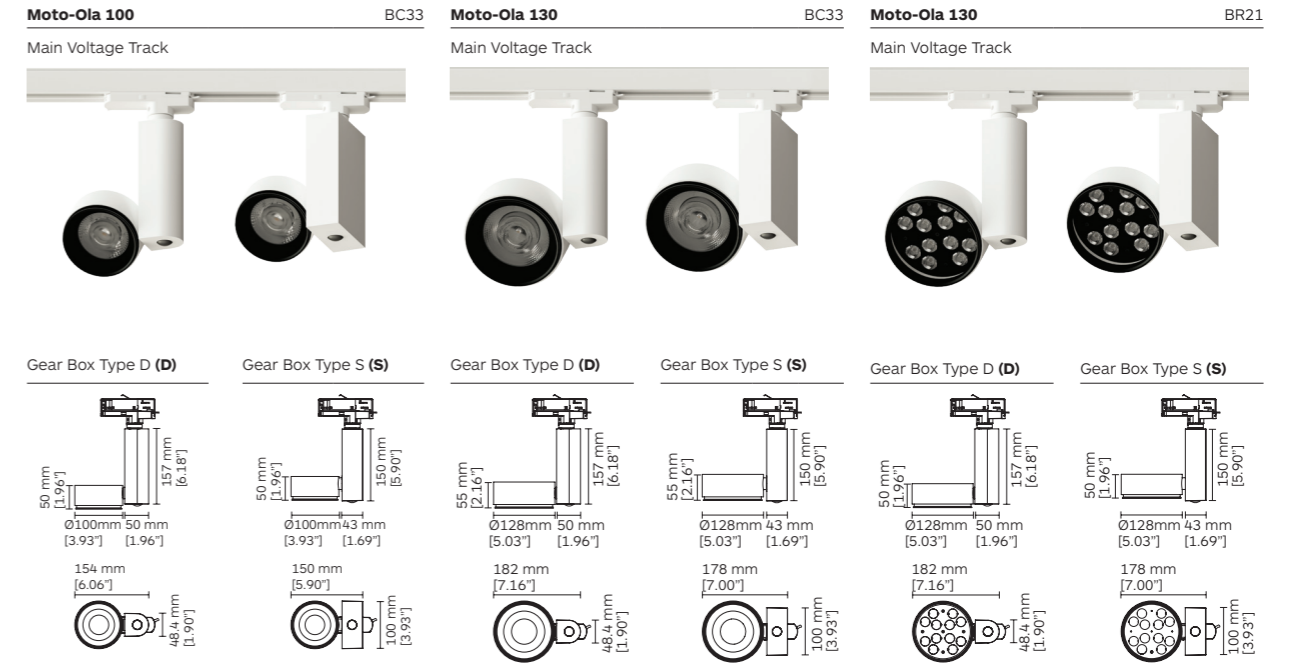
Dimmable driver integrated in the gear box. Motion Control: Casambi. Dimming Options: Casambi, 0-10V, DALI, DMX. Colour Tuning: Casambi, DMX. 100-277V 50/60Hz.

Applications

A chic and alluring light fixture, created by formalighting's passionate designers. The MOTOLUX technology permits 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 C 1 0**

Product code	Light source code*	>CRI	CCT	LED Power	Nominal Lumen	Beam angle (BA°)	Driver & Box Type Options		Finish
							D	S	
Moto - Ola 100	M637 BC33 COB LED	90	30 3000K	17W	1934 lm	15 / 24 / 38	DC	CASAMBI	10 ■ Black
	BR21 High Power LED	90	30 3000K	19W	1862 lm	07 / 21 / 36	D1	0-10V Dim	11 □ White
	BL22 Lumenetix [‡]	90	FS Full Spectrum	18W	750 im	14 / 22 / 36	DC	CASAMBI	SX DMX
Moto - Ola 130	M622 BC33 COB LED	90	30 3000K	25W	2760 lm	12 / 22 / 32	DC	CASAMBI	
	BR21 High Power LED	90	30 3000K	29W	2780 lm	07 / 21 / 36	D1	0-10V Dim	
	BR11 High Power LED	90	30 3000K	24W	2550 lm	10 / 23 / 46 / WW			
	BL23 Lumenetix [‡]	90	FS Full Spectrum	25W	950 im	12 / 19 / 28	DC	CASAMBI	DX DMX

Notes:

* For complete code ordering information, please see page 104.

[‡] 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

WW: Wallwasher

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 pages 100-101.

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

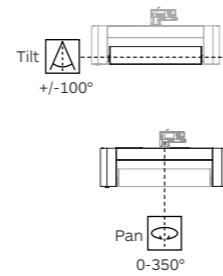
Reflector.
Beam Angle: Medium / Wide.

Driver

Integrated dimmable driver.
Motion Control: Casambi.
Dimming Options: Casambi, 0-10V, DALI, DMX.
100-277V 50/60Hz.

Applications

An innovative solution for high brilliance and performance. The MOTOLUX technology allows to orient the light where is needed.
Application areas: museums, conference rooms, hotels, restaurants, retail.

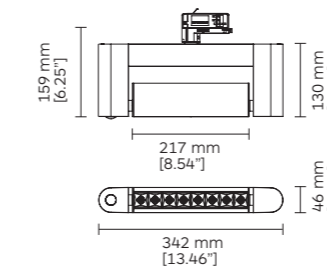


Moto-Polaris



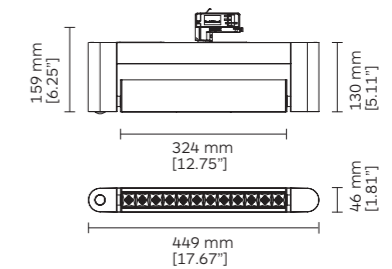
Moto - Polaris

Main Voltage Track with 8 LEDs



Moto - Polaris

Main Voltage Track with 12 LEDs



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

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

Notes:

* For complete code ordering information, please see page 104.

Moto-JoJo



Body

Motorized track mounted luminaire. The light body is made of cast aluminium. The unique and specifically designed glare-free cover diffuser reflects the light from the Lumenetix 'True Tuneable Colour' LED modules.

Moto-JoJo is supplied with one pre-installed pendant wire inclusive of electrical connection. Overall cable length can be Max 4.5 meters. The cable can roll in/out of the gear case up to 2 meters.

Use Wireless Casambi app to control the movement of the light head, to change colors and intensity, create and recall scenes, animations and timers.

Accessories

3 phase eurotype track system.
For more information about track accessories see pages 100-101.

Finish

Powder coat in black, white or gold colour.

LED sources

Lumenetix full spectrum LED Module. COB LED 3000K/4000K. CRI: 90. COB Tuneable white LED 2700-6500K. CCT: 3000K, 4000K, Full Spectrum, Tuneable White. Other CRI and CCT options available on request.

Optic

Acrylic opal white decorative ring with PMMA optical LENS.
Beam Angle: Narrow, medium and wide.

Driver

Integrated driver 120-277VAC 50/60Hz
Motion Control: Casambi.
Dimming Options: Casambi.

Applications

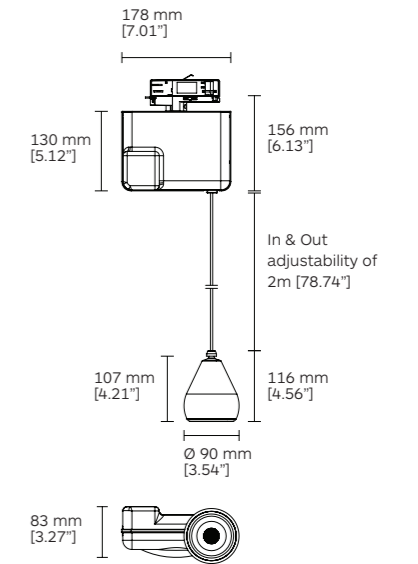
Moto-JoJo enables the user to design and easily create colorful shapes and light sculptures with movement to transform environments. A tool for designers who wish to create their own perceptual art light installation. Applications areas: lobbies, ballrooms, halls, hotels, restaurants.

Moto-JoJo



Moto-JoJo

Main Voltage Track



Code ordering example: **M 6 7 3 B L 2 2 - 9 0 F S 1 8 D C 1 0**

	Product code	Light source code*	>CRI	CCT	LED Power	Norminal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - JoJo	M673	BL22 Lumenetix ¹	90	FS Full Spectrum	18W	750 lm	18 / 25 / 33	DC CASAMBI	10 ■ Black
		BB22 COB LED	30	3000K	12W	1550 lm	18 / 25 / 33		11 □ White
			40	4000K					35 ■ Gold
		BB27 COB TW LED	T2	2700-6500K	12W	1290 lm	18 / 25 / 33		

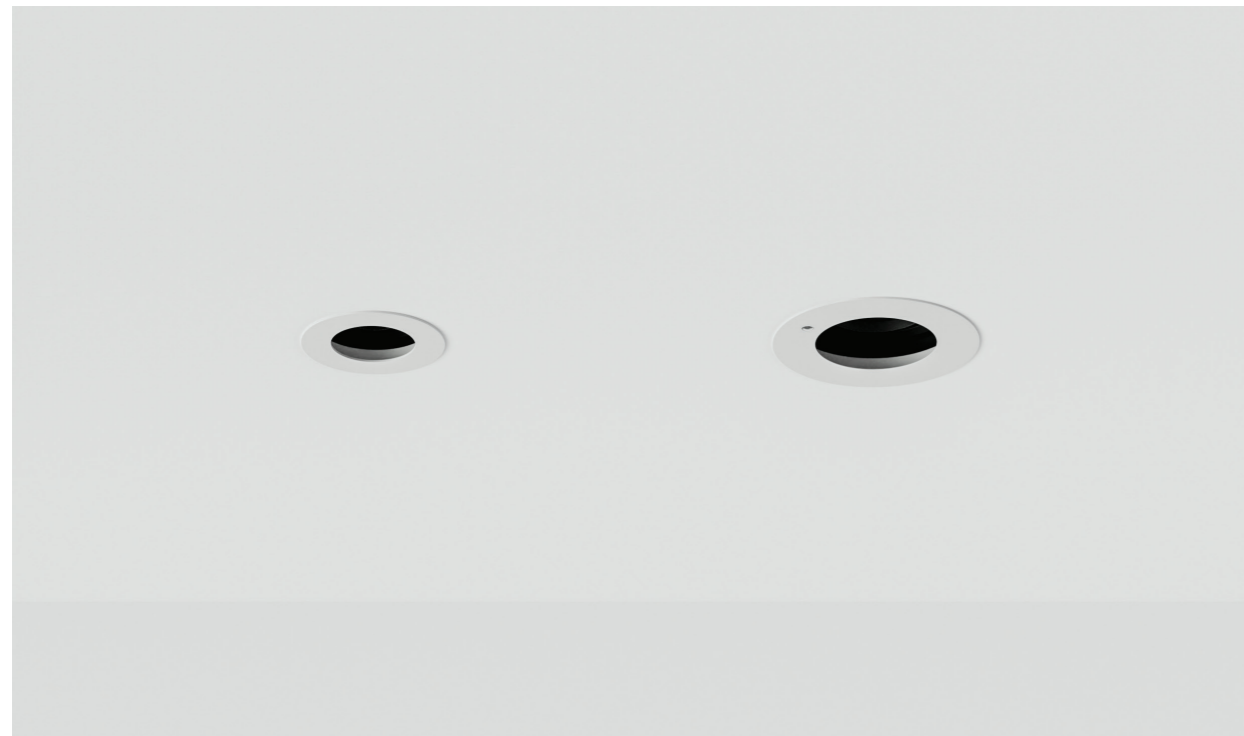
Notes:

* For complete code ordering information, please see page 104.

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

¹ The values in the nominal lumen are referring to the peak lumen.

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 remote controlled via CASAMBI™ application.

Accessories

Linear spread, honeycomb louvre, snoot, visor.
For more information about accessories see page 91.

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

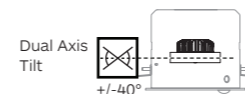
Lens.
Beam Angle: Narrow / Medium / Wide.
Zoom version available with a 7°-18° range.

Driver

Supplied with remote dimmable driver.
Motion Control: Casambi.
Dimming Options: Casambi, 0-10V, DALI, DMX.
Colour Tuning: Casambi, DMX.
100-277V 50/60Hz.

Applications

Ideal solution for festive and celebratory events. Downlight designed with a concealed lamp setting offering visual comfort. The Zoom option makes Moto-Combo perfect for environments which need frequent reconfiguration.
Application areas: banquet halls, ballrooms, restaurants.



Moto-Combo & Moto-Combo Zoom

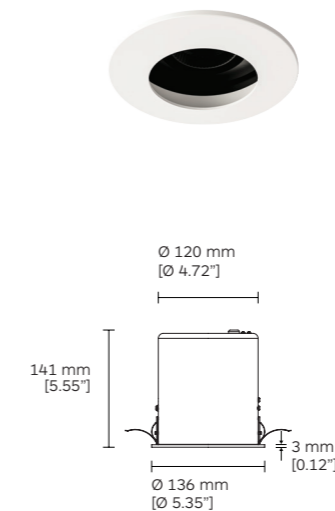


Moto-Combo 136

Trim 



Ø127

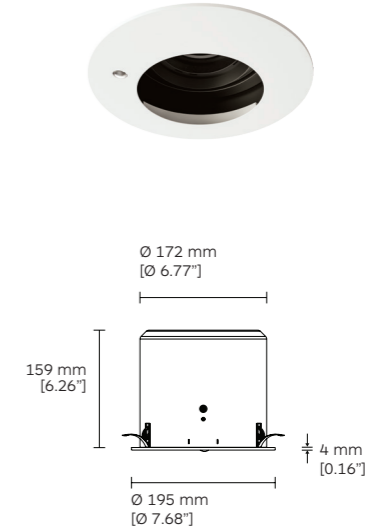


Moto-Combo 195 & Moto-Combo 195 Zoom







Trim 



Ø186



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

	Product code	Light source code*	>CRI	CCT	LED Power	Norminal Lumen	Beam angle (BA°)	Driver Options	Finish				
Moto-Combo 136	M592 	MN21 COB LED	90	30 3000K	10W	1227 lm	11 / 16 / 30	DC CASAMBI	10  Black				
				40 4000K		1314 lm		DA Dali Dim	11  White				
	M533 	AC33 COB LED				21W	2280 lm	15 / 24 / 38	D1 0-10V Dim	75  Grey			
							2490 lm		DX DMX				
Moto-Combo 195		HR21 High Power LED				26W	2630 lm	07 / 21 / 36					
							2750 lm						
					ML22 Lumenetix ¹	90	FS Full Spectrum			18W	950 lm	12 / 19 / 28	DC CASAMBI
												DX DMX	
Moto-Combo 195 Zoom	M590 	MN21 COB LED	90	30 3000K	17W	from 1827 lm to 1955 lm	BS (07° - 18°)	DC CASAMBI					
				40 4000K									
		MN31 TW COB LED		T6 from 2700K to 5000K	21W	from 1980 lm to 2655 lm	BS (14° - 42°)						
		HN21 COB LED				30 3000K	25W	from 2870 lm to 3110 lm	BS (07° - 18°)				
						40 4000K							
HN31 TW COB LED		T6 from 2700K to 5000K	28W	from 2515 lm to 3417 lm	BS (14° - 42°)								
MC33 COB LED				30 3000K	29W	from 3154 lm to 3428 lm	BS (14° - 42°)						
				40 4000K									

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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

² 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

N/A

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.
Beam Angle: Narrow / Medium / Wide.

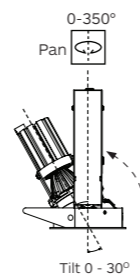
Driver

Supplied with remote dimmable driver.
Motion Control: Casambi.
Dimming Options: Casambi, 0-10V, DALI.
100-277V 50/60Hz.

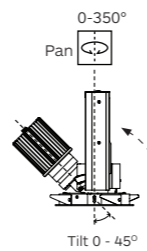
Applications

The smallest motorized recessed luminaire in the market. The MOTOLUX technology adds 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

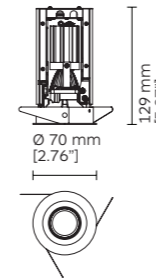


Moto-Venus Concave



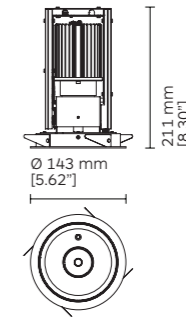
Moto-Venus Concave 70
Round Trim

Ø67



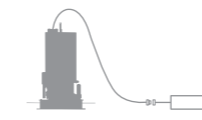
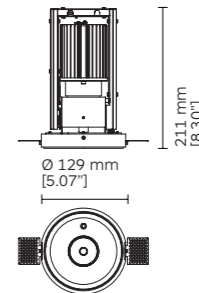
Moto-Venus Concave 125
Round Trim

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	M558	IP20	MC31 COB LED	90	30 3000K	6W	616 lm	18 / 24 / 32	DC CASAMBI	10 Black
Moto-Venus Concave 125 Round	M555		MC22 COB LED		40 4000K	22W	2418 lm	20 / 30	DA Dali Dim	11 White
Moto-Venus Concave 125 Round	M573						2456 lm		D1 0-10V Dim	
									DX DMX	

Notes:

* For complete code ordering information, please see page 104.

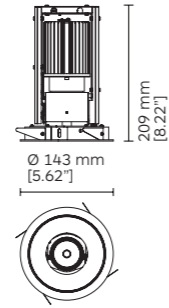
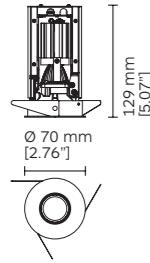
Moto-Venus



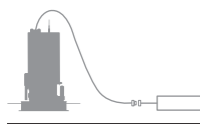
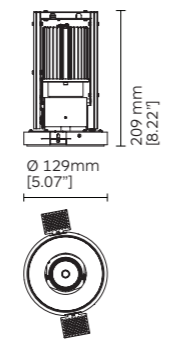
Moto-Venus 70
Round Trim



Moto-Venus 125
Round Trim



Moto-Venus 125
Round Trimless



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	M560 ○	IP20	MC31 COB LED	90	30 3000K	616 lm	18 / 24 / 32	DC CASAMBI	10 ■ Black
				40 4000K	643 lm		DA Dali Dim	11 □ White	
Moto-Venus 125 Round	M556 ○		MC22 COB LED		22W	2418 lm	20 / 30	D1 0-10V Dim	
						2456 lm		DX DMX	

Notes:

* For complete code ordering information, please see page 104.

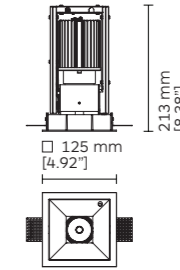
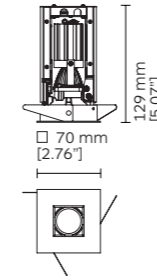
Moto-Venus Concave



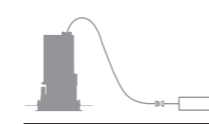
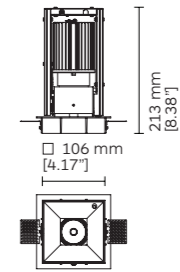
Moto-Venus Concave 70
Square Trim



Moto-Venus Concave 125
Square Trim



Moto-Venus Concave 125
Square Trimless



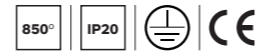
Code ordering example: **M 5 5 9 M C 3 1 - 9 0 3 0 1 8 D C 1 0**

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

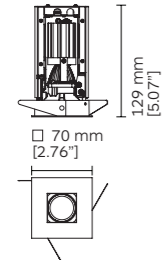
Notes:

* For complete code ordering information, please see page 104.

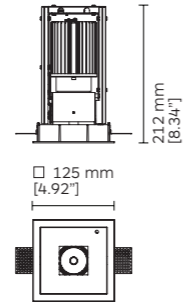
Moto-Venus



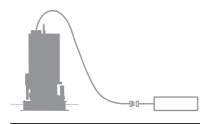
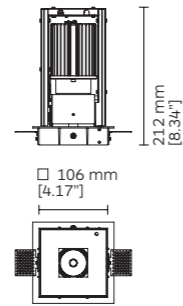
Moto-Venus 70
Square Trim



Moto-Venus 125
Square Trim



Moto-Venus 125
Square Trimless



Code ordering example: **M 5 6 1 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	M561 <input checked="" type="checkbox"/>	IP20	MC31 COB LED	90	30 3000K	616 lm	18 / 24 / 32	DC CASAMBI	10 <input checked="" type="checkbox"/> Black
				40 4000K	643 lm		DA Dali Dim	11 <input type="checkbox"/> White	
Moto-Venus 125 Square	M557 <input checked="" type="checkbox"/> M574 <input type="checkbox"/>		MC22 COB LED		22W	2418 lm	20 / 30	D1 0-10V Dim	
						2456 lm		DX DMX	

Notes:

* For complete code ordering information, please see page 104.



Product Name: Moto-Venus Round
Location of Project: MGM, Macao

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 91.

Finish

Powder coat in black or white colour.

LED sources

COB LED, High Power LED (Moto-Palla 130), Lumenetix Full Spectrum (Moto-Palla 100, Moto-Palla 130).
CRI: 90 | CCT: 3000K, 4000K, FS.
Other CRI and CCT options, Tuneable White and DimToWarm versions available on request.

Optic

Lens.
Beam Angle: Narrow / Medium / Wide.

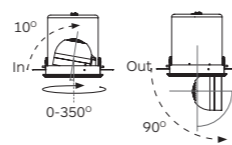
Driver

Supplied with remote dimmable driver.
Motion Control: Casambi.
Dimming Options: Casambi, 0-10V, DALI, DMX.
Colour Tuning: Casambi, DMX.
100-277V 50/60Hz.

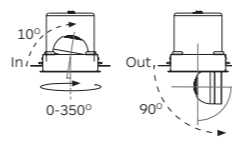
Applications

Its pull down mechanism powered by MOTOLUX technology, enables it to function either as a downlight, a recessed accent light, or an exposed spot able to emulate a track fixture.
Application areas: retail, hotels, restaurants, offices.

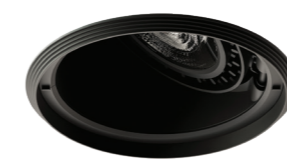
Moto - Palla In & Out Round



Moto - Palla In & Out Square



Moto-Palla In & Out



Moto-Palla 70
In & Out Round Trim ○



Moto-Palla 100
In & Out Round Trim ○



Moto-Palla 130
In & Out Round Trim ○



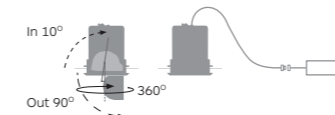
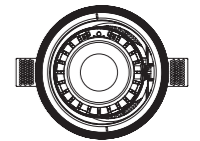
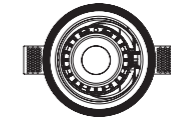
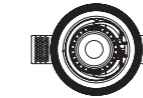
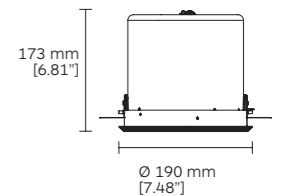
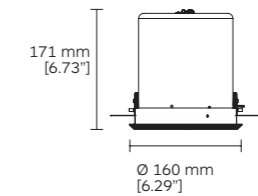
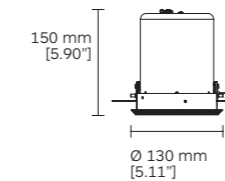
Moto-Palla 70
In & Out Round Trimless ○



Moto-Palla 100
In & Out Round Trimless ○



Moto-Palla 130
In & Out Round Trimless ○



Code ordering example: **M 5 4 8 B C 2 2 - 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 -Palla 70 In & Out Round	M548 ●	BC22 COB LED	90	30 3000K	12W	1500 lm	16 / 25 / 36	DC CASAMBI	10 ■ Black
	M549 ○			40 4000K		1550 lm		DA DALI	11 □ White
Moto - Palla 100 In & Out Round	M550 ●	BC33 COB LED			21W	2200 lm	15 / 24 / 38	D1 0-10V Dim	
	M551 ○					2300 lm		DX DMX	
		BL22 Lumenetix ¹	FS Full Spectrum	18W	750 lm	14 / 22 / 36	DC CASAMBI	DX DMX	
Moto - Palla 130 In & Out Round	M552 ●	BC33 COB LED	90	30 3000K	33W	3220 lm	12 / 22 / 32	DC CASAMBI	
	M553 ○			40 4000K		3300 lm		DA DALI	
		BR21 High Power LED			19W	1862 lm	07 / 21 / 36	D1 0-10V Dim	
						1920 lm		DX DMX	
		BL23 Lumenetix ¹	FS Full Spectrum	25W	950 lm	12 / 19 / 28	DC CASAMBI	DX DMX	

Notes:

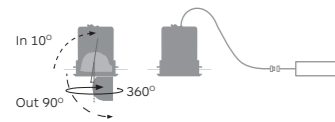
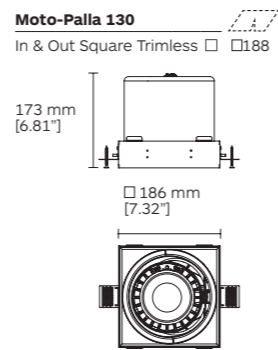
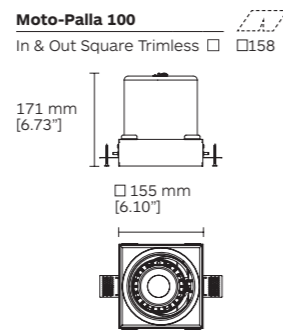
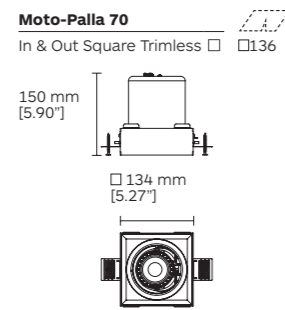
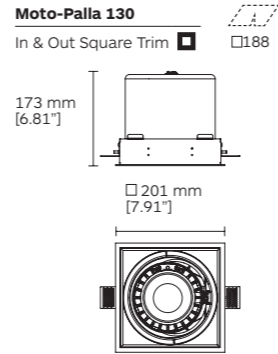
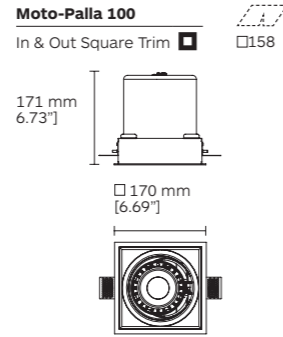
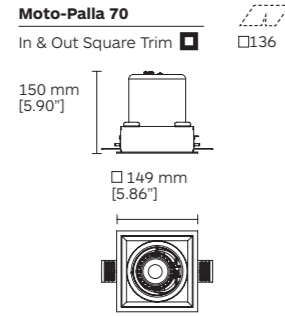
* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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

² The values in the nominal lumen are referring to the peak lumen.

PATENT PENDING

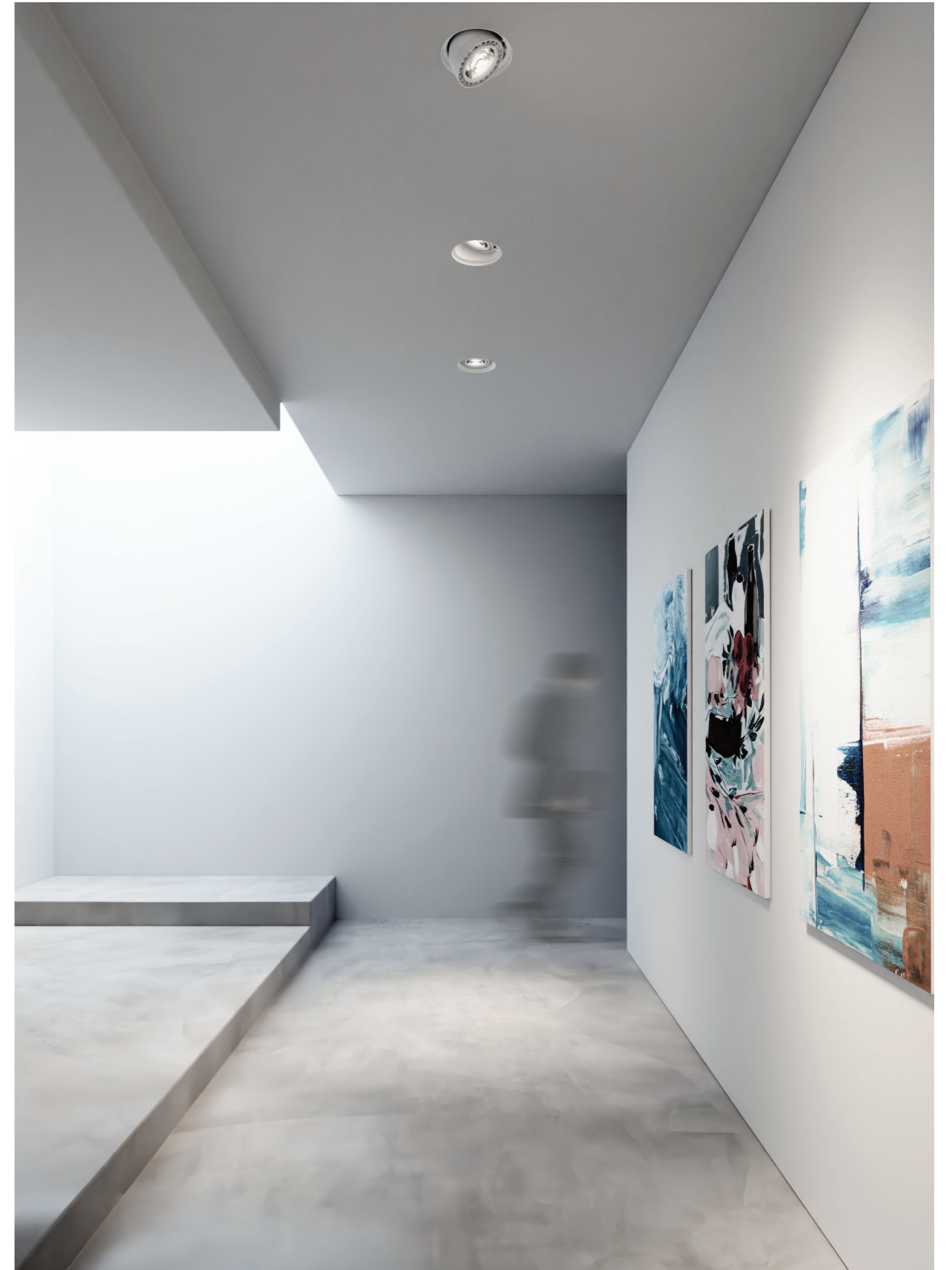
Moto-Palla In & Out



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

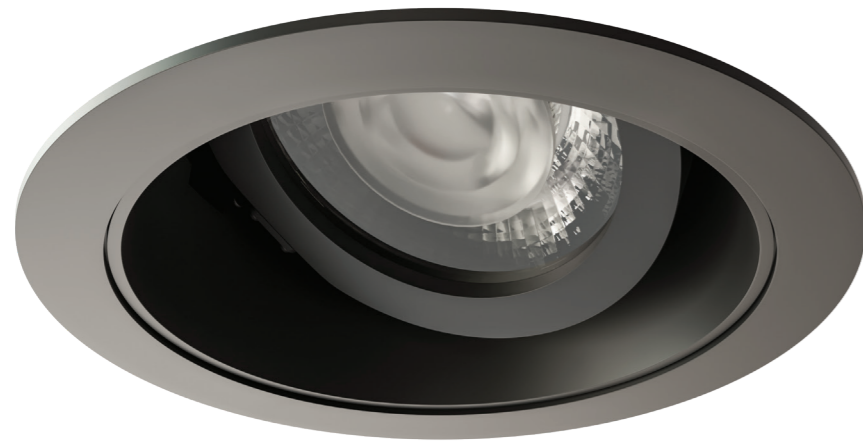
	Product Code	Light Source Code*	>CRI	CCT	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto -Palla 70 In & Out Square	M566 <input checked="" type="checkbox"/>	BC22 COB LED	90	30 3000K	12W	1500 lm	16 / 25 / 36	DC CASAMBI	10 <input checked="" type="checkbox"/> Black
	M567 <input type="checkbox"/>		40	4000K		1550 lm		DA DALI	11 <input type="checkbox"/> White
Moto - Palla 100 In & Out Square	M568 <input checked="" type="checkbox"/>	BC33 COB LED			21W	2200 lm	15 / 24 / 38	D1 0-10V Dim	
	M569 <input type="checkbox"/>					2300 lm		DX DMX	
		BL22 Lumenetix ¹	FS Full Spectrum		18W	750 lm	14 / 22 / 36	DC CASAMBI	DX DMX
Moto - Palla 130 In & Out Square	M570 <input checked="" type="checkbox"/>	BC33 COB LED	90	30 3000K	33W	3220 lm	12 / 22 / 32	DC CASAMBI	
	M571 <input type="checkbox"/>		40	4000K		3300 lm		DA DALI	
		BR21 High Power LED			19W	1862 lm	07 / 21 / 36	D1 0-10V Dim	
						1920 lm		DX DMX	
		BL23 Lumenetix ¹	FS Full Spectrum		25W	950 lm	12 / 19 / 28	DC CASAMBI	DX DMX

Notes:
 * For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.
¹ Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.
¹ 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 91.

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

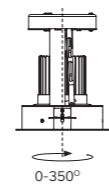
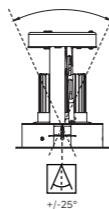
Lens.
Beam Angle: Narrow / Medium / Wide.

Driver

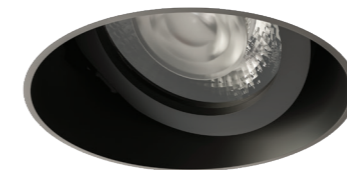
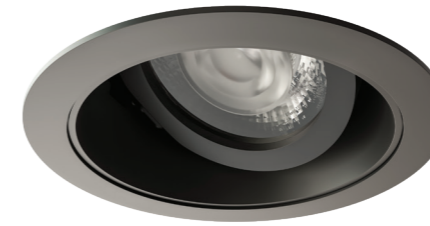
Supplied with remote dimmable driver.
Motion Control: Casambi.
Dimming Options: Casambi, 0-10V, DALI, DMX.
100-277V 50/60Hz.

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.

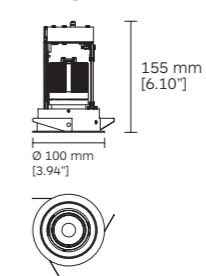


Moto-Colosseo



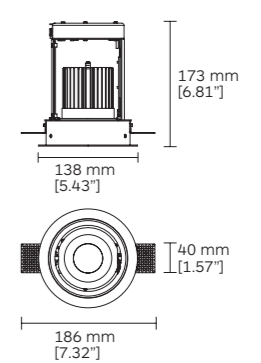
Moto-Colosseo 90

Trim



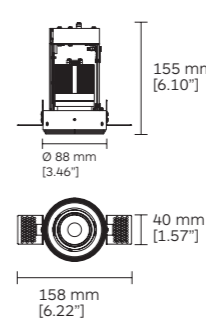
Moto-Colosseo 120

Trim



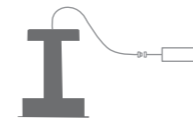
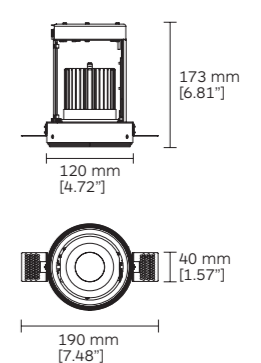
Moto-Colosseo 90

Trimless



Moto-Colosseo 120

Trimless



Code ordering example: **M588 MC31-903011DA10**

	Product Code	Light Source Code*	>CRI	CCT	LED Power	Nominal Lumen	Beam Angle (BA°)	Driver Options	Finish
Moto-Colosseo 90	M588	MC31 COB LED	90	30 3000K	11W	1088 lm	11 / 24 / 32	DA Dali Dim	10 Black
	M578			40 4000K		1183 lm		DP Phase Dim	11 White
Moto-Colosseo 120	M579	MC32 COB LED			21W	2373 lm	12 / 18 / 32	DC CASAMBI	
	M589					2637 lm		D1 0-10V Dim DX DMX	

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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: tilttable 0-40° in two directions and rotatable 350°; Moto-Gimbalo 130: Tilttable 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 remote controlled via CASAMBI™ application.

Accessories

Linear spread, honeycomb louvre, snoot, visor.
For more information about accessories see page 91.

Finish

Powder coat in black, white or grey colour.

LED sources

COB LED, High Power LED (Moto-Gimbalo 130), Lumenetix Full Spectrum (Moto-Gimbalo 130), Zoom COB (Moto-Gimbalo Zoom 130).
CRI: 90 | CCT: 3000K, 4000K, FS.
Other CRI and CCT options, Tuneable White and DimToWarm versions available on request.

Optic

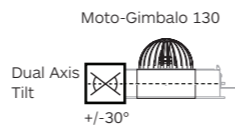
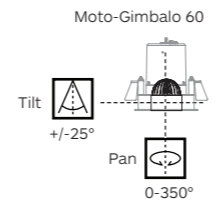
Lens.
Beam Angle: Narrow / Medium / Wide.
Zoom version available for Moto-Gimbalo 130 with a 7°-18° range.

Driver

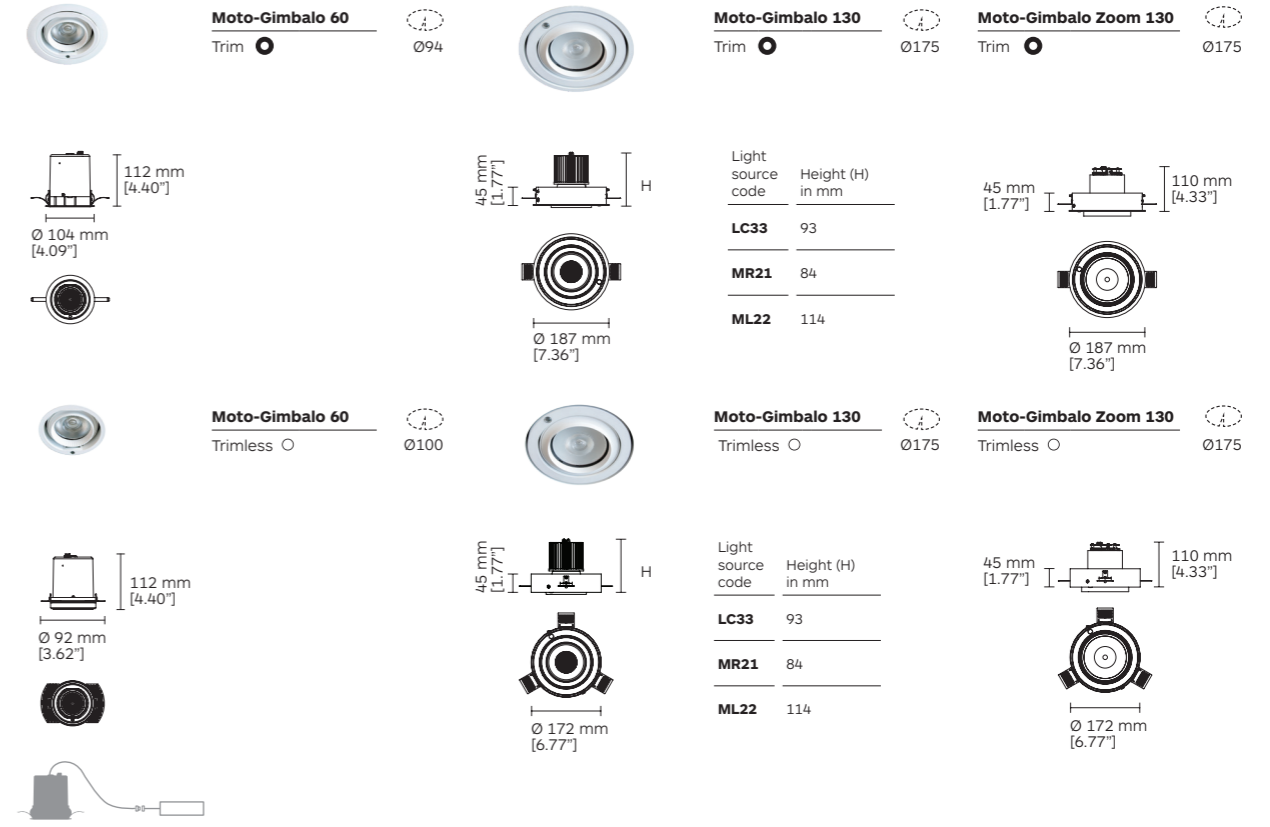
Supplied with remote dimmable driver.
Motion Control: Casambi.
Dimming Options: Casambi, 0-10V, DALI, DMX.
Colour Tuning: Casambi, DMX.
100-277V 50/60Hz.

Applications

A classic formalighting fixture with the best of MOTOLUX technology.
Applications areas: retail, hotels, restaurants, hospitals, lobbies, gyms.



Moto-Gimbalo & Moto-Gimbalo Zoom



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

	Product code	Light source code*	>CRI	CCT	LED Power	Norminal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - Gimbalo 60	M516 ○	MC22 COB LED	90	30 3000K	10W	1276 lm	18 / 24 / 36	DC CASAMBI	10 ■ Black
	M517 ○	MR21 High Power LED		40 4000K	6W	532 lm	05	DA Dali Dim	11 □ White
		ML22 Lumenetix ¹		FS Full Spectrum	18W	750 lm	12 / 19 / 28	DC CASAMBI	75 ■ Grey
Moto - Gimbalo 130	M514 ○	LC33 COB LED			25W	2539 lm	12 / 27 / 55	DX DMX	
	M515 ○	MR21 High Power LED			19W	1862 lm	07 / 21 / 36	DC CASAMBI	
		ML22 Lumenetix ¹		FS Full Spectrum	18W	750 lm	12 / 19 / 28	DC CASAMBI	
Moto - Gimbalo Zoom 130	M580 ○	MN21 COB LED	90	30 3000K	17W	from 1827 lm to 1955 lm	BS (07° - 18°)	DC CASAMBI	
	M581 ○	MN31 TW COB LED		T6 from 2700K to 5000K	21W	from 1980 lm to 2655 lm	BS (14° - 42°)		
		HN21 COB LED		30 3000K	25W	from 2870 lm to 3110 lm	BS (07° - 18°)		
		HN31 TW COB LED		T6 from 2700K to 5000K	28W	from 2515 lm to 3417 lm	BS (14° - 42°)		
		MC33 COB LED		30 3000K	29W	from 3154 lm to 3428 lm	BS (14° - 42°)		
				40 4000K					

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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

² The values in the nominal lumen are referring to the peak lumen.

PATENTED

BS: Beam shaping.

Moto-Multi Gimbalo

60 | 130 | Zoom 130



Body

Motorized Gimbal design recessed luminaire. Mounting trim and Gimbal head are made of cast aluminium. Moto-Multi Gimbalo 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: tilttable 0-40° in two directions and rotatable 350°; Moto-Gimbalo 130: Tilttable 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 remote controlled via CASAMBI™ application.

Accessories

Linear spread, honeycomb louvre, snoot, visor. For more information about accessories see page 91.

Finish

Powder coat in black, white and grey colour.

LED sources

COB LED, High Power LED (Moto-Multi Gimbalo 130), Lumenetix Full Spectrum (Moto-Multi Gimbalo 130), Zoom COB (Moto-Multi Gimbalo Zoom 130). CRI: 90 | CCT: 3000K, 4000K, FS. Other CRI and CCT options, Tuneable White and DimToWarm versions available on request.

Optic

Lens. Beam Angle: Narrow / Medium / Wide. Zoom version available for Moto-Gimbalo 130 with a 7°-18° range.

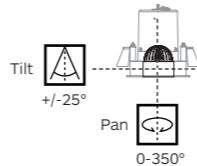
Driver

Supplied with remote dimmable driver. Motion Control: Casambi. Dimming Options: Casambi, 0-10V, DALI, DMX. Colour Tuning: Casambi, DMX. 100-277V 50/60Hz.

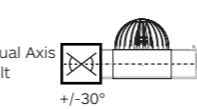
Applications

Elegant luminaire features a fully adjustable double gimbal concept combined with an elegant design and MOTOLUX technology. Application areas: retail, corridors, window display, hotels, restaurants, lobbies.

Moto-Multi Gimbalo 60



Moto-Multi Gimbalo 130

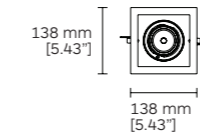
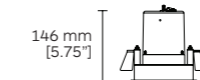


Moto-Multi Gimbalo 60

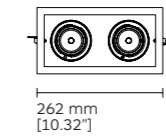
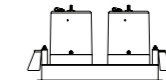
Single, Double & Triple



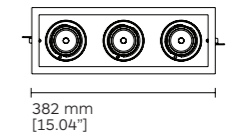
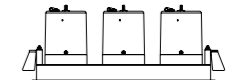
Moto-Multi Gimbalo 60 Single Trim □129



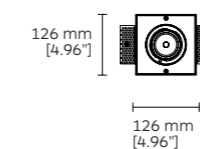
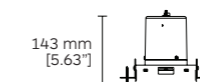
Moto-Multi Gimbalo 60 Double Trim □129 x 249



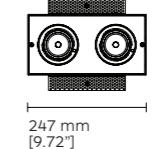
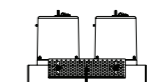
Moto-Multi Gimbalo 60 Triple Trim □129 x 369



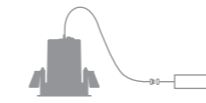
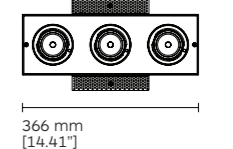
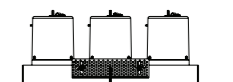
Moto-Multi Gimbalo 60 Single Trimless □129



Moto-Multi Gimbalo 60 Double Trimless □129 x 249



Moto-Multi Gimbalo 60 Triple Trimless □129 x 369



Code ordering example: **M534 MC22-903018DC10**

	Product code	Light source code*	>CRI	CCT	LED Power	Normal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - Multi Gimbalo 60 Single	M534 <input checked="" type="checkbox"/> x1	MC22 COB LED	90	30 3000K	10W	1276 lm	18 / 24 / 36	DC CASAMBI	10 <input checked="" type="checkbox"/> Black
	M536 <input type="checkbox"/>	MR21 High Power LED	40	4000K	6W	530 lm	05	DA Dali Dim	11 <input type="checkbox"/> White
Moto - Multi Gimbalo 60 Double	M538 <input checked="" type="checkbox"/> x2	MC22 COB LED			2x10W	2552 lm	18 / 24 / 36	D1 0-10V Dim	75 <input checked="" type="checkbox"/> Grey
	M540 <input type="checkbox"/>	MR21 High Power LED			2x6W	1060 lm	05	DX DMX	
Moto - Multi Gimbalo 60 Triple	M542 <input checked="" type="checkbox"/> x3	MC22 COB LED			3x10W	3828 lm	18 / 24 / 36		
	M544 <input type="checkbox"/>	MR21 High Power LED			3x6W	1590 lm	05		

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91. PATENTED

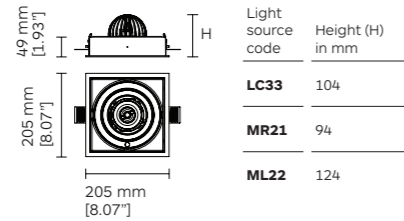
Moto-Multi Gimbalo 130 & Moto-Multi Gimbalo Zoom 130



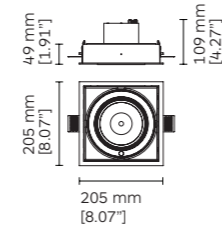
Single



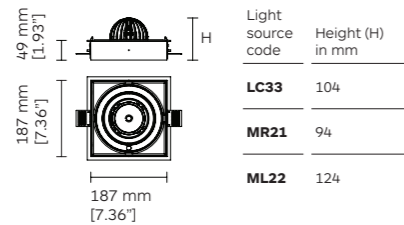
Moto-Multi Gimbalo 130
Single Trim □191



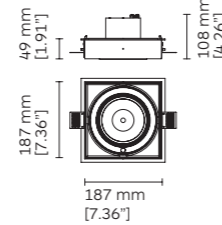
Moto-Multi Gimbalo Zoom 130
Single Trim □191



Moto-Multi Gimbalo 130
Single Trimless □191



Moto-Multi Gimbalo Zoom 130
Single Trimless □191



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

	Product code	Light source code*	>CRI	CCT	LED Power	Norminal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - Multi Gimbalo 130 Single	M501 <input checked="" type="checkbox"/> x1	LC33 COB LED	90	30 3000K	25W	2539 lm	12 / 27 / 55	DC CASAMBI	10 <input checked="" type="checkbox"/> Black
					40 4000K	2761 lm		DA Dali Dim	11 <input type="checkbox"/> White
	M502 <input type="checkbox"/>	MR21 High Power LED			19W	1862 lm	07 / 21 / 36	D1 0-10V Dim	75 <input checked="" type="checkbox"/> Grey
					1920 lm			DX DMX	
Moto - Multi Gimbalo Zoom 130 Single	M582 <input checked="" type="checkbox"/> x1	MN21 COB LED	90	30 3000K	17W	from 1827 lm to 1955 lm	BS (07° - 18°)	DC CASAMBI	
					40 4000K				
	M583 <input type="checkbox"/>	MN31 TW COB LED			T6 from 2700K to 5000K	21W	from 1980 lm to 2655 lm	BS (14° - 42°)	
					30 3000K	25W	from 2870 lm to 3110 lm	BS (07° - 18°)	
					40 4000K				
HN31 TW COB LED	T6 from 2700K to 5000K			28W	from 2515 lm to 3417 lm	BS (14° - 42°)			
				30 3000K	29W	from 3154 lm to 3428 lm	BS (14° - 42°)		
	MC33 COB LED			40 4000K					

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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

¹ The values in the nominal lumen are referring to the peak lumen.

PATENTED

BS: Beam shaping.

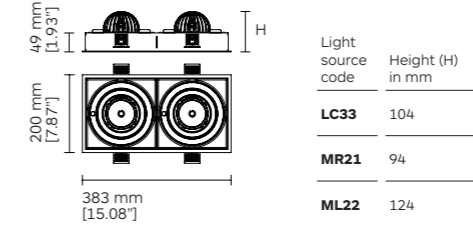
Moto-Multi Gimbalo 130 & Moto-Multi Gimbalo Zoom 130



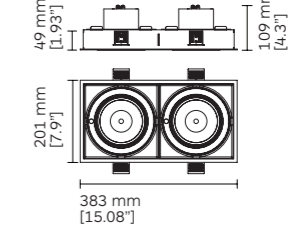
Double



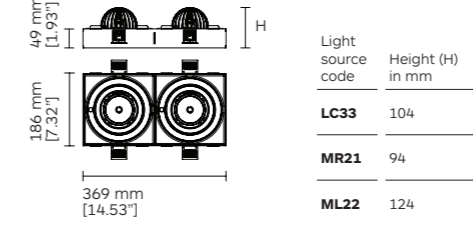
Moto-Multi Gimbalo 130
Double Trim 374 x 191



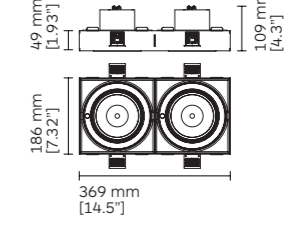
Moto-Multi Gimbalo Zoom 130
Double Trim 374x191



Moto-Multi Gimbalo 130
Double Trimless 374 x 191



Moto-Multi Gimbalo Zoom 130
Double Trimless 374 x 191



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

	Product code	Light source code*	>CRI	CCT	LED Power	Norminal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - Multi Gimbalo 130 Double	M503 <input checked="" type="checkbox"/> x2	LC33 COB LED	90	30 3000K	2x25W	5078 lm	12 / 27 / 55	DC CASAMBI	10 <input checked="" type="checkbox"/> Black
					40 4000K	5522 lm		DA Dali Dim	11 <input type="checkbox"/> White
	M504 <input type="checkbox"/>	MR21 High Power LED			2x19W	3724 lm	07 / 21 / 36	D1 0-10V Dim	75 <input checked="" type="checkbox"/> Grey
					3840 lm			DX DMX	
Moto - Multi Gimbalo Zoom 130 Double	M584 <input checked="" type="checkbox"/> x2	MN21 COB LED	90	30 3000K	2x17W	from 3654 lm to 3910 lm	BS (07° - 18°)	DC CASAMBI	
					40 4000K				
	M585 <input type="checkbox"/>	MN31 TW COB LED			T6 from 2700K to 5000K	2x21W	from 3960 lm to 5310 lm	BS (14° - 42°)	
					30 3000K	2x25W	from 5740 lm to 6220 lm	BS (07° - 18°)	
					40 4000K				
HN31 TW COB LED	T6 from 2700K to 5000K			2x28W	from 5030 lm to 6834 lm	BS (14° - 42°)			
				30 3000K	2x29W	from 6308 lm to 6856 lm	BS (14° - 42°)		
	MC33 COB LED			40 4000K					

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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

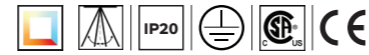
¹ The values in the nominal lumen are referring to the peak lumen.

PATENTED

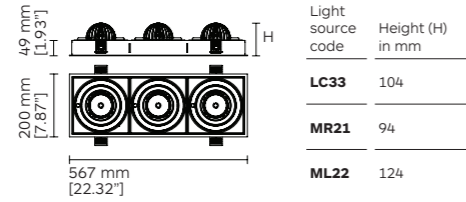
BS: Beam shaping.

Moto-Multi Gimbalo 130 & Moto-Multi Gimbalo Zoom 130

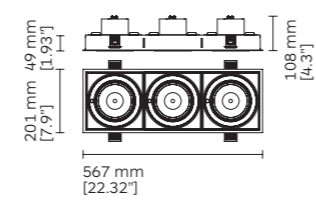
Triple



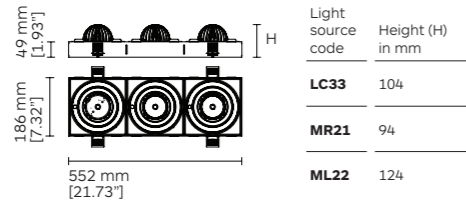
Moto-Multi Gimbalo 130
Triple Trim 557 x 191



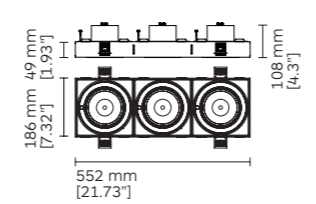
Moto-Multi Gimbalo Zoom 130
Triple Trim 557x191



Moto-Multi Gimbalo 130
Triple Trimless 557 x 191



Moto-Multi Gimbalo Zoom 130
Triple Trimless 557 x 191



Code ordering example: **M 5 0 5 L 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 Options	Finish
Moto - Multi Gimbalo 130 Triple	M505 <input checked="" type="checkbox"/> x3	LC33 COB LED	90	30 3000K	3x25W	7617 lm	12 / 27 / 55	DC CASAMBI	10 <input checked="" type="checkbox"/> Black
				40 4000K		8283 lm		DA Dali Dim	11 <input type="checkbox"/> White
	M506 <input type="checkbox"/>	MR21 High Power LED	95		3x19W	5586 lm	07 / 21 / 36	D1 0-10V Dim	75 <input checked="" type="checkbox"/> Grey
				FS Full Spectrum	3x18W	2250 lm	12 / 19 / 28	DC CASAMBI	DX DMX
Moto - Multi Gimbalo Zoom 130 Triple	M586 <input checked="" type="checkbox"/> x3	MN21 COB LED	90	30 3000K	3x17W	from 5481 lm to 5865 lm	BS (07° - 18°)	DC CASAMBI	
				40 4000K		from 5940 lm to 7965 lm	BS (14° - 42°)		
	M587 <input type="checkbox"/>	MN31 TW COB LED	T6	from 2700K to 5000K	3x21W	from 5940 lm to 7965 lm	BS (14° - 42°)		
				30 3000K	3x25W	from 8610 lm to 9330 lm	BS (07° - 18°)		
				40 4000K		from 7545 lm to 10251 lm	BS (14° - 42°)		
HN21 COB LED	T6	from 2700K to 5000K	30 3000K	3x28W	from 9462 lm to 10284 lm	BS (14° - 42°)			
			40 4000K						

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

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

¹ The values in the nominal lumen are referring to the peak lumen.

PATENTED

BS: Beam shaping.



Product Name: Moto-Multi Gimbalo
Location of Project: Beijing

Moto-Flap



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 the luminaire's easy installation.

Moto-Flap available in 190mm diameter. 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 shell-like tilt, vertical movement up to 90°.

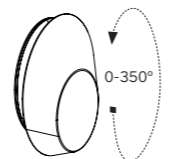
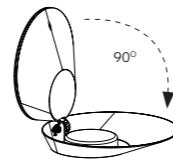
The movements of the fixture, as well as the intensity and the colour tuning of the light, are controlled via CASAMBI™ application.

LED sources

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

Optic

Lens + diffuser.
Beam Angle: Extra wide.



Accessories

N/A

Finish

Powder coat in black and white colour.

Driver

Supplied with integrated dimmable driver.
Motion Control: Casambi.
Dimming Options: Casambi, 0-10V, DALI, DMX.
Colour Tuning: Casambi, DMX.
100-277V 50/60Hz.

Applications

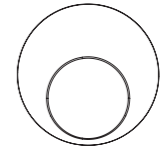
The first decorative lamp from formalighting's award winning MOTOLUX range. Resembling a pearl oyster shell, Moto-Flap illuminates surrounding surfaces and emits a beam of luminous indirect light.
Application Areas: Hospitality, corridors, lounges.

Moto-Flap



Moto-Flap 190

Wall



Ø 191 mm
[7.51"]



56 mm
[2.20"]

Code ordering example: **M106BB22-903000DC11**

	Product code	Light source code*	>CRI	CCT	LED Power	Normal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto - Flap 190	M106	BB22 COB LED	90	30 3000K	8W	800 lm	00	DC CASAMBI	10 ■ Black
			40	4000K		840 lm			11 □ White

Notes:

* For complete code ordering information, please see page 104.

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

¹ 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 remote controlled via CASAMBI™ application.

Accessories

N/A

Finish

Powder coat in black or 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

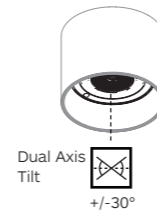
Lens.
Beam Angle: Narrow / Medium / Wide.

Driver

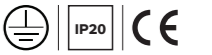
Supplied with integrated dimmable driver.
Motion Control: Casambi.
Dimming Options: Casambi, 0-10V, DALI.
220-240V 50/60Hz.

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



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

	Product code	Light source code*	>CRI	CCT	LED power	Nominal lumen	Beam angle (BA°)	Driver Options	Finish
Moto - Gimbalo Surface	M103	BC33 COB LED	90	30 3000K	17W	1934 lm	15 / 24 / 38	DC CASAMBI	10 ■ Black
			40	4000K		2041 lm		DA DALI Dim	11 □ White
								D1 0-10V Dim	
	BR21	4 x High Power LED	90	30 3000K	19W	1862 lm	07 / 21 / 36	DX DMX	
			40	4000K		1920 lm			

Notes:

* For complete code ordering information, please see page 104.
PATENTED

Sistema Moto-Multi Gimbalo



Body

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

Sistema Moto-Multi Gimbalo 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 remote controlled via CASAMBI™ application.

Accessories

Linear spread, honeycomb louvre, anti-glare hood. For more information about accessories see page 91.

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

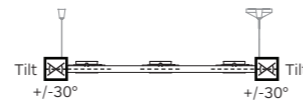
Lens.
Beam Angle: Narrow / Medium / Wide.

Driver

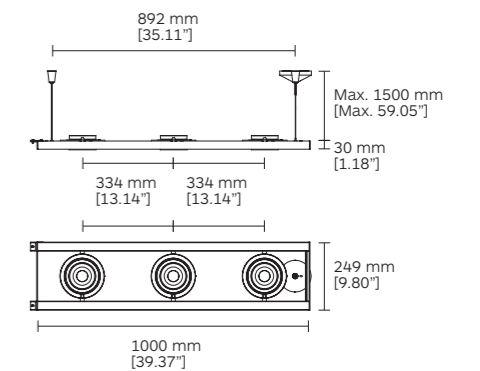
Supplied with integrated dimmable driver.
Motion Control: Casambi.
Dimming Options: Casambi, 0-10V, DALI.
220-240V 50/60Hz.

Applications

An 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-Multi Gimbalo



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

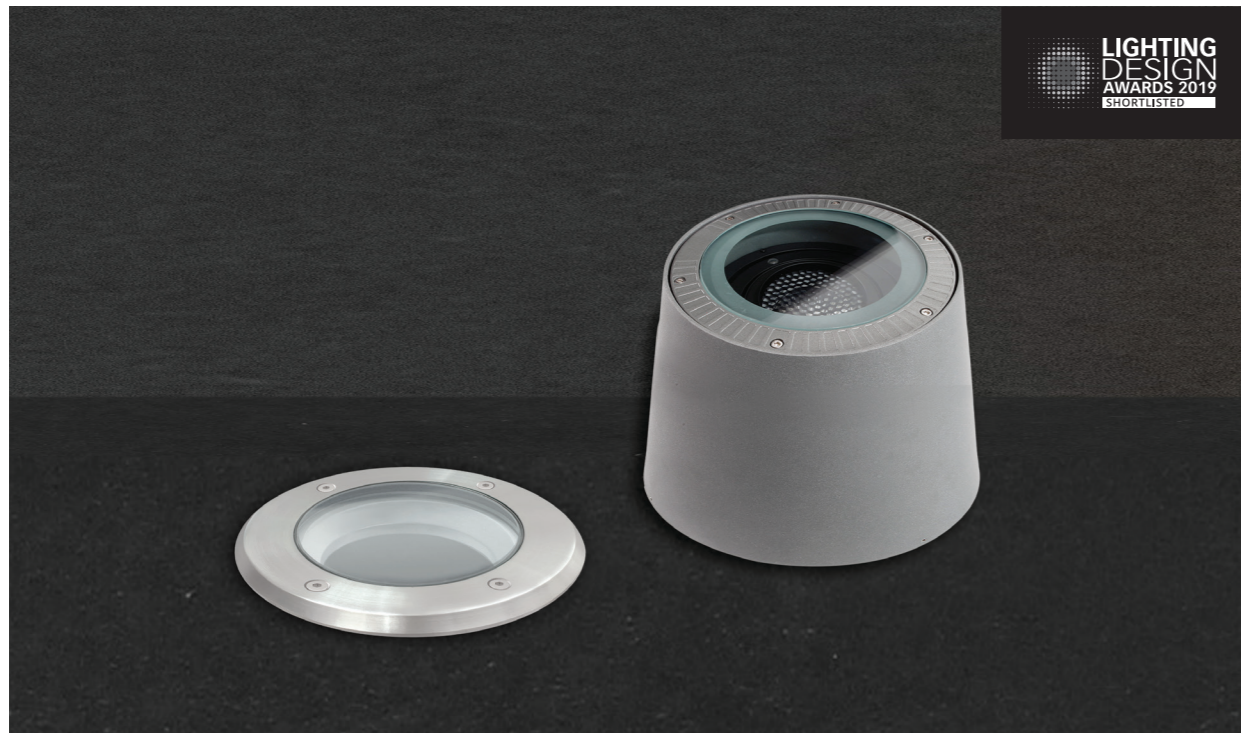
	Product code	Light source code*	>CRI	CCT	LED power	Nominal lumen	Beam angle (BA°)	Driver Options	Finish
Sistema Moto-Multi Gimbalo	M706	MC33	90	30 3000K	3x17W	5802 lm	15 / 24 / 38	DC CASAMBI	10 ■ Black
				40 4000K		6123 lm		DA DALI Dim	11 □ White
	MR21	High Power LED	90	30 3000K	3x19W	5586 lm	07 / 21 / 36	D1 0-10V Dim	
				40 4000K		5760 lm			

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.
PATENT PENDING.

Moto-Gimbalo Terraluce

Recessed & On ground



Body

Motorized outdoor luminaire. Available in two versions: 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, includes 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, anti-glare hood. For more information about accessories see page 91.

Finish

Powder coat in Stainless steel (AISI316).

LED sources

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

Optic

Lens. Beam Angle: Narrow / Medium / Wide.

Driver

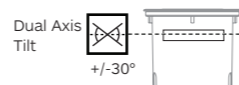
Supplied with integrated dimmable driver. Motion Control: Casambi. Dimming Options: Casambi, 0-10V, DALI. Colour Tuning: Casambi, DMX. 220-240V 50/60Hz.

Applications

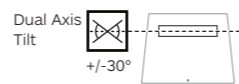
Neat designed uplighting luminaire perfect to wall wash or highlight outdoor architectural structures or surfaces. Shortlisted at the Lighting Design Awards 2019. Application areas: facades, parks, golf courses, driveways, sculptures.

LIGHTING DESIGN AWARDS 2019 SHORTLISTED

Moto-Gimbalo Terraluce Recessed



Moto-Gimbalo Terraluce On ground

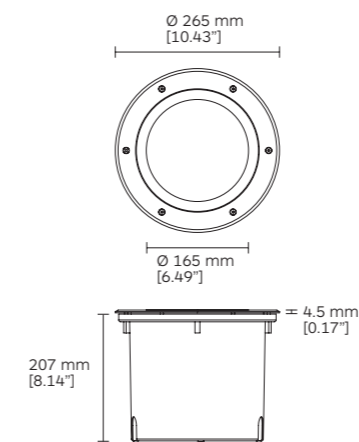


Moto-Gimbalo Terraluce



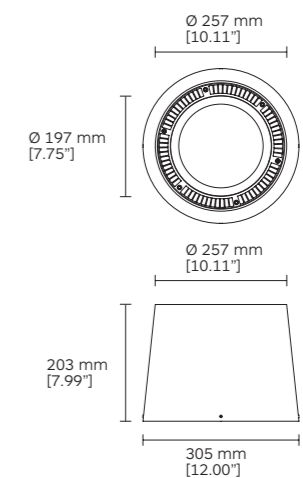
Moto-Gimbalo Terraluce

Recessed



Moto-Gimbalo Terraluce

On ground



Code ordering example: **M301MR21-903007DC84**

	Product code	Light source code*	>CRI	CCT	LED Power	Norminal Lumen	Beam angle (BA°)	Driver Options	Finish
Moto-Gimbalo Terraluce Recessed	M301	MR21 High Power LED	90	30 3000K	19W	1862 lm	07 / 21 / 36	DC CASAMBI	84 ■ Stainless Steel
				40 4000K		1920 lm		DA Dali Dim	29 ■ Grey
		ML22 Lumenetix ¹	90	FS Full Spectrum	18W	750 lm	12 / 19 / 28	D1 0-10V Dim	
Moto-Gimbalo Terraluce On ground	M302							DX DMX	

Notes:

* For complete code ordering information, please see page 104. For related accessories, please see pages 90-91.

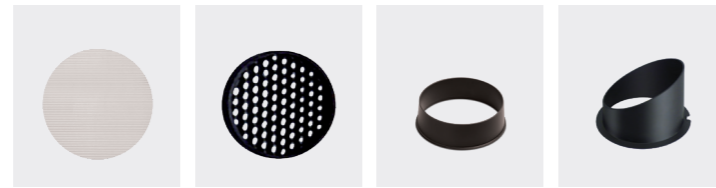
¹ Tuning range: 1650-8000K. Gradients of saturated colours from 1-100% can be added to colour points within the tuning range.

² The values in the nominal lumen are referring to the peak lumen.

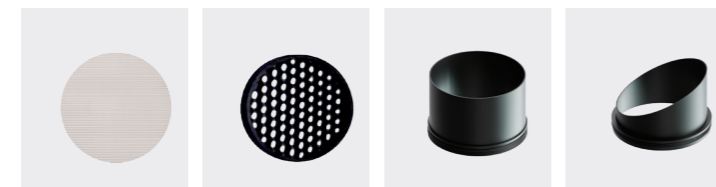
PATENTED

Optical Accessories Track Systems

Optical Accessories



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



Product / Optical Accessories		Linear Spread Colour 10	Honeycomb Louvre Colour 10	Snoot Colours 10	Snoot 45° Colours 10
Track	Moto-Zero Zoom 130	/	2D95	2F23	2F24

Optical Accessories

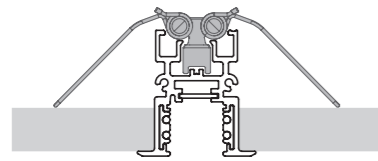


Product / Optical Accessories		Linear Spread Colour 10	Honeycomb Louvre Colour 10	Snoot Colours 10	Visor Colour 10	Anti-glare Hood Colour 10
Recessed	Moto-Combo 136 / Moto-Combo Pro 136	2663	2634	2A91	2A85	/
	Moto-Combo 195 / Moto-Combo Pro 195	/	2334	/	/	/
	Moto-Palla In & Out 70		2B95			
	Moto-Palla In & Out 100	/	2B99	/	/	/
	Moto-Palla In & Out 130		2C04			
	Moto-Colosseo 90		2504			
	Moto-Colosseo 120	/	2633	/	/	/
	Moto-Gimbalo 60	2663	2634	2A91	2A85	/
	Moto-Gimbalo 130 / Moto-Gimbalo Pro 130	2598	2334	2A89	2A83	/
	Moto-Multi Gimbalo 60	2663	2634	2A91	2A85	/
	Moto-Multi Gimbalo 130	2598	2334	2A89	2A83	/
	Pendant	Sistema Moto-Multi Gimbalo	2598	2334	/	/
Outdoor	Moto-Gimbalo Terraluce Recessed	2598	2334	/	/	2327
	Moto-Gimbalo Terraluce On Ground					

Low Voltage Track Options

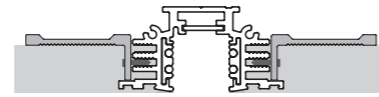
Recessed Trim Track

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



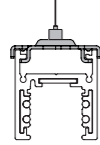
Recessed Trimless Track

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

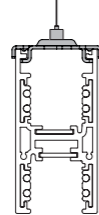


Pendant Track

2ST6 +
Pendant
Kits
Art.9226

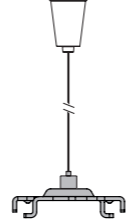


2ST7 +
Pendant
Kits
Art.9226



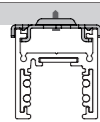
Pendant Kit

Pendant
Kit
Art. 9226



Surface Track

2ST6 +
Surface
Kits
Art.9225

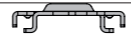


2ST1

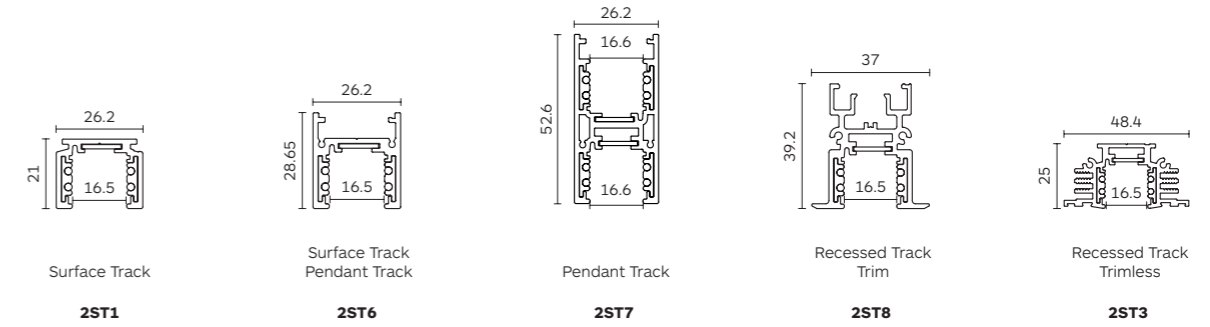


Surface Kit

Surface
Kit
Art. 9225



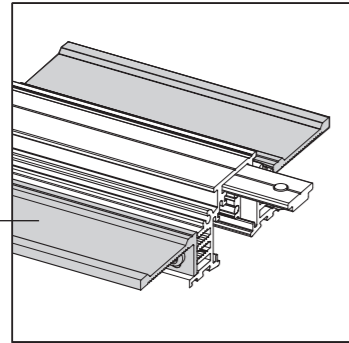
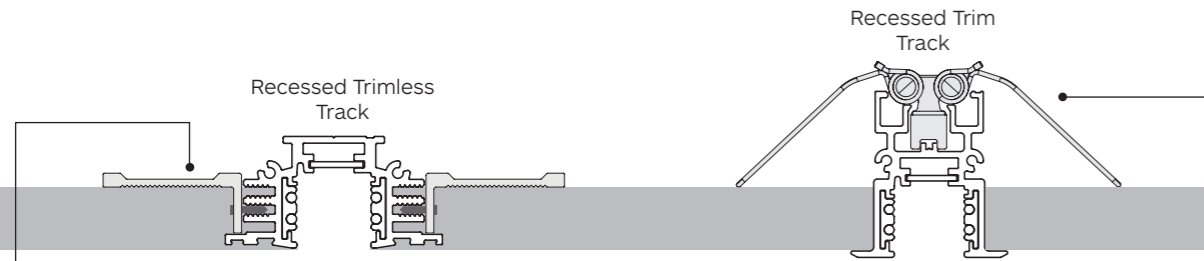
Low Voltage Track



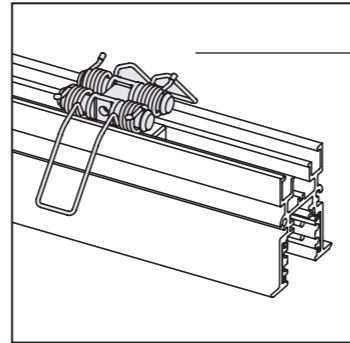
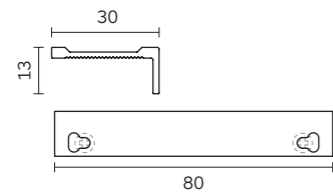
Compatibility

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

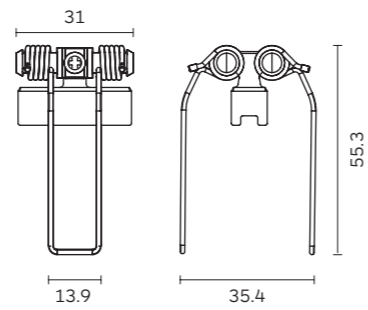
Accessories



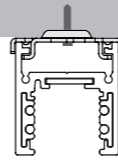
Bracket for 2ST3 Trimless Track
Art. 9201



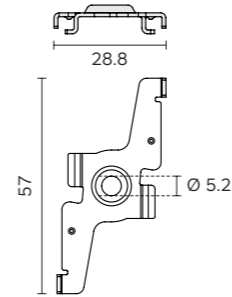
Bracket with Spring for 2ST8
Art. 9202



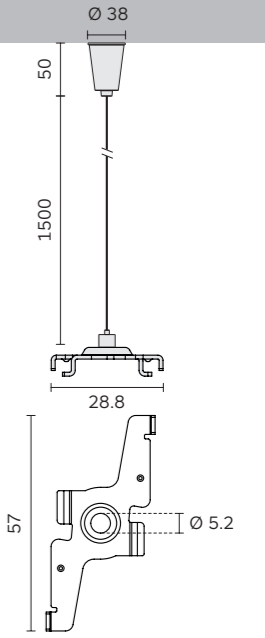
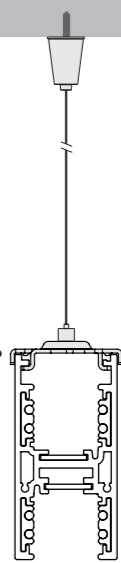
Surface Track



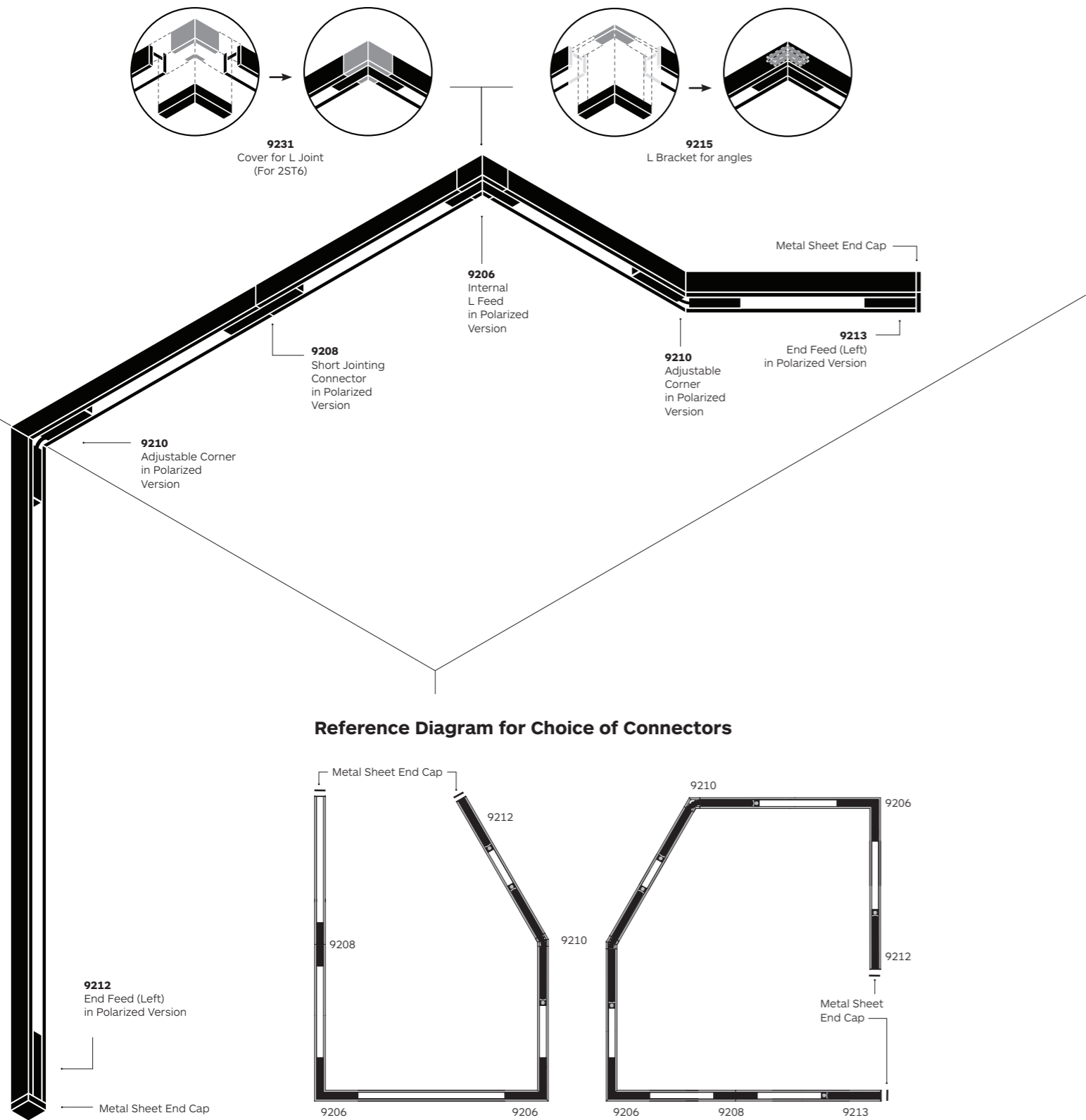
Clamp
Art. 9225



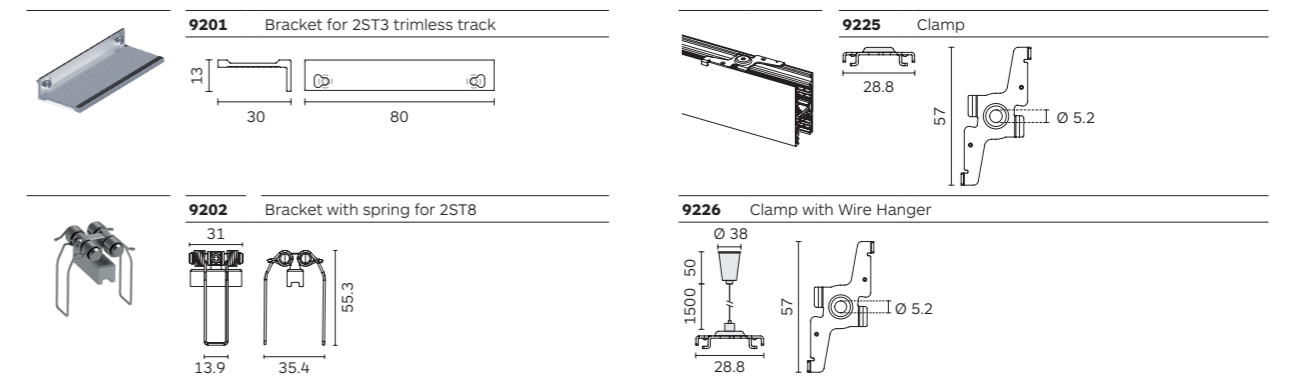
Pendant Track



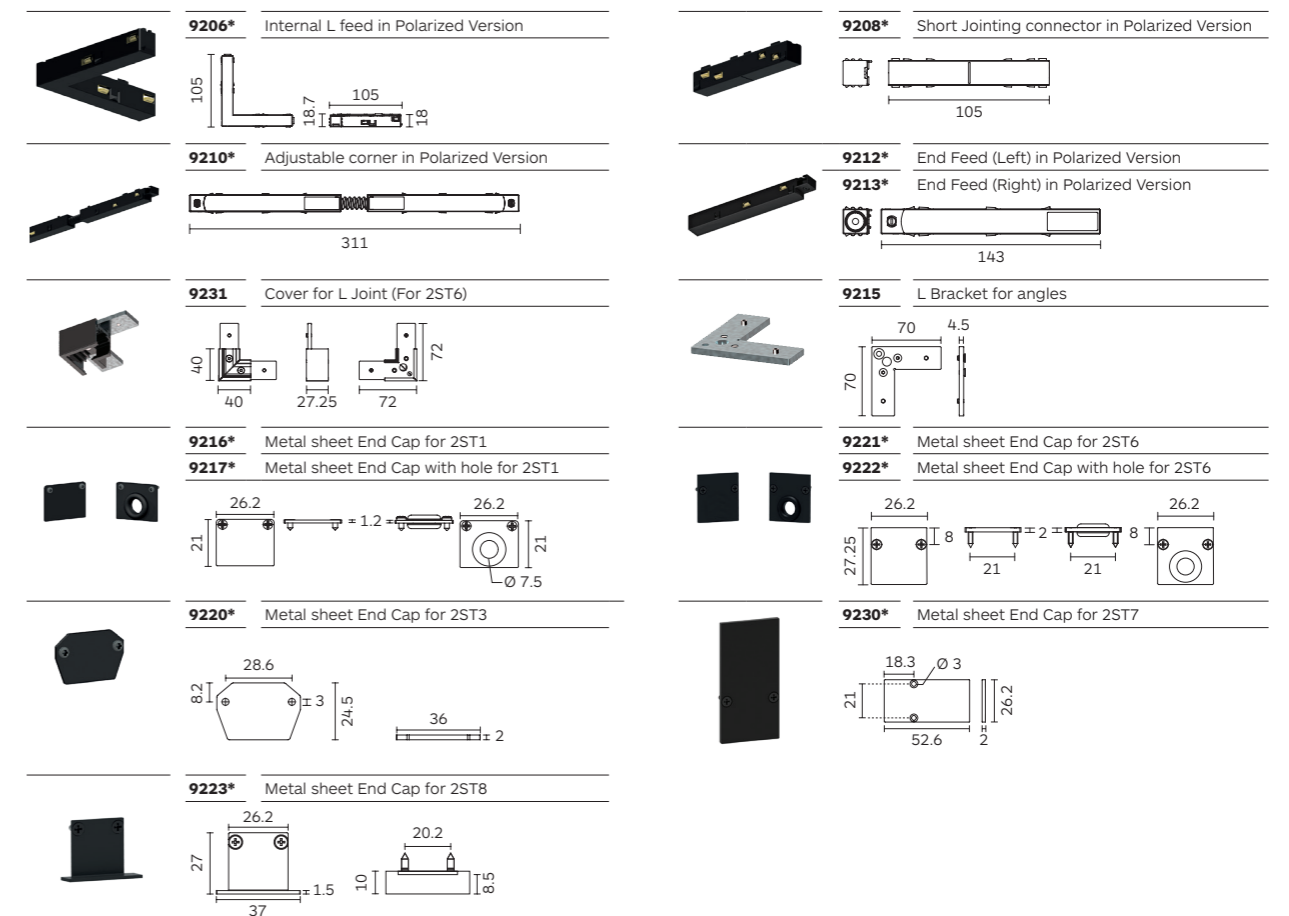
Clamp with wire Hanger
Art. 9226



Installation Components



Accessories



Notes:
* Available in colours 10, 11

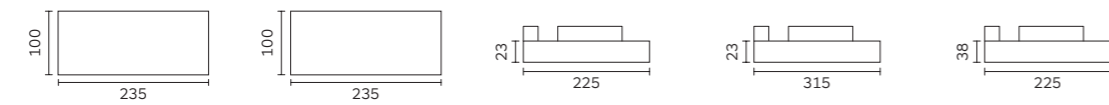
Power Supply & Control Options

Power Supply

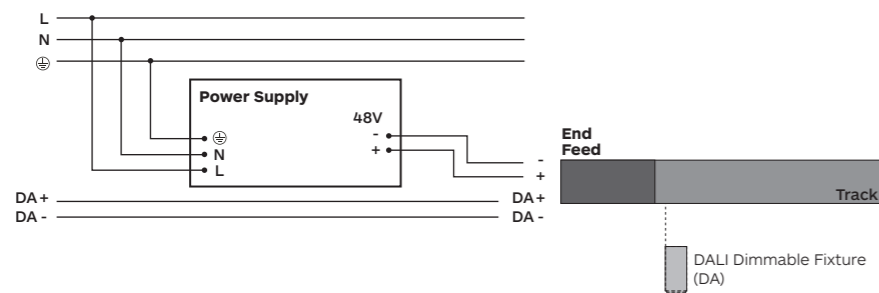


220-240VAC input, 48VDC output 75w power supply for low voltage track
 220-240VAC input, 48VDC output 150w power supply for low voltage track
 220-240VAC input, 48VDC output 100W power supply for low voltage track
 220-240VAC input, 48VDC output 200W power supply for low voltage track
 220-240VAC input, 48VDC output 100W power supply for low voltage deep recessed track

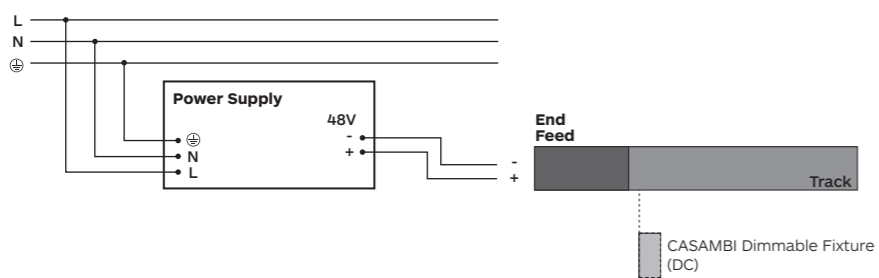
Code	2E28	2E29	2F07	2F08	2F09
Size	100 x 235 x 31	100 x 235 x 31	23 x 225	23 x 315	38 x 225



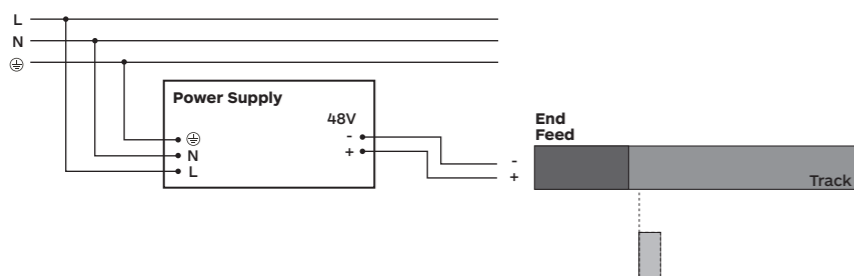
Universal DALI



Bluetooth wireless Control



Fixed Output

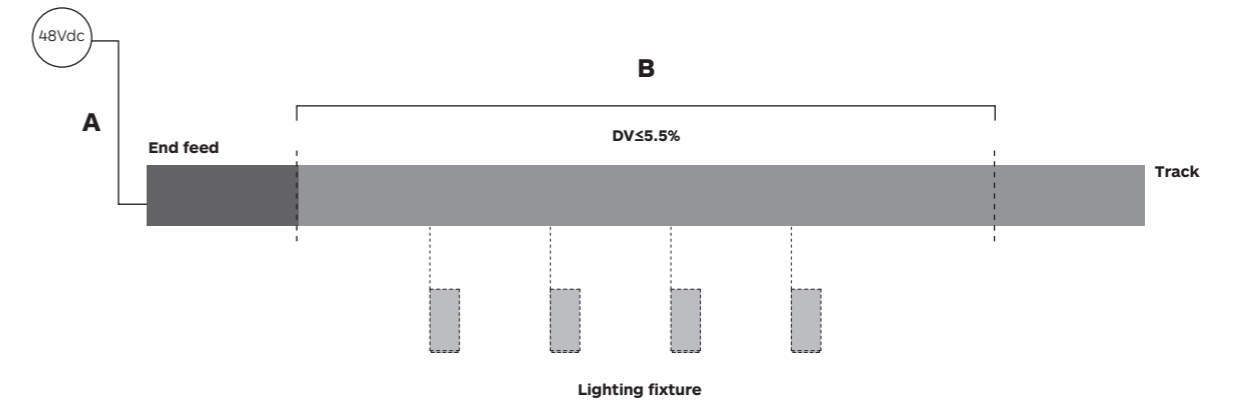


Drop Voltage Table

Power Supply (W)	A Distance power supply/feed unit (2x1.5mm ²)			
	5m	10m	20m	30m
	B Track Length with Δv≤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.

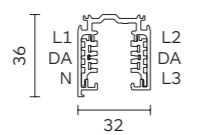
Remote Power Supply



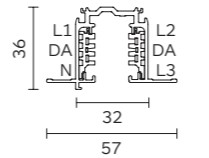
Eurotype Track System with Dali Support



Product Code	Length Code	Length (L)
2D65	1000	1m
2D65	2000	2m
2D65	3000	3m



Product Code	Length Code	Length (L)
2D66	1000	1m
2D66	2000	2m
2D66	3000	3m



Finish
10 ■ Black
11 □ White
75 ■ 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.

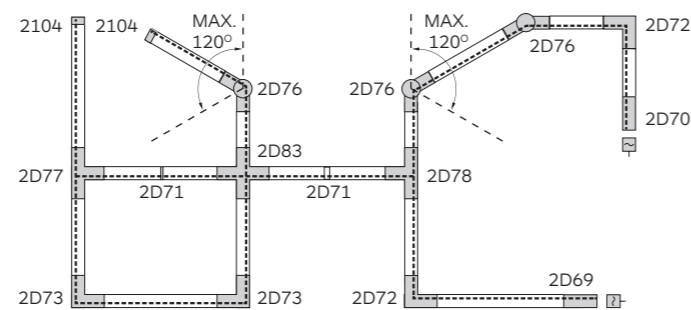
Track in extruded aluminium fitted with four 16A rolled copper conductors and 2 conductors for Data signal housed in extruded insulated black thermoplastic.

Equipped with three separately controllable current circuits.

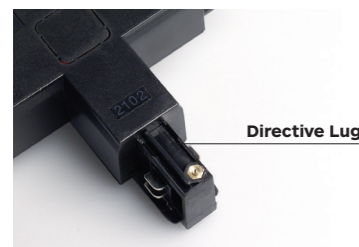
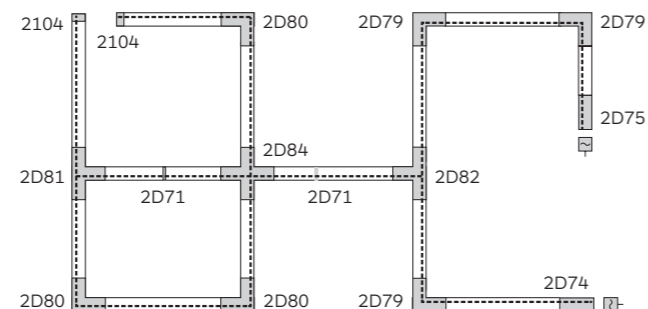
Complete with a vast range of accessories to fit the needs of any specific project.



Reference Diagram for Choice of Connetors (Surface Mounted Track)



Reference Diagram for Choice of Connetors (Flanged Recessed Track)



Directive Lug

--- The drawing is Reflected Ceiling View.

----- Directive Lug on the back of connectors.

Installation Components

	2105* Mechanical Coupler
	2106* Ceiling Bracket

	2108* Wire Hanger
--	--------------------------

Recessed Track installation
False Ceiling

Accessories

	2D69** Feeder (Right) for Surface track
	2D70** Feeder (Left) for Surface track
	2D72** L Connector (Right) for Surface track
	2D73** L Connector (Left) for Surface track
	2D77** T Connector (Right) for Surface track
	2D78** T Connector (Left) for Surface track
	2D74** Feeder (Right) for Recessed track
	2D75** Feeder (Left) for Recessed track
	2D79** L Connector (Right) for Recessed track
	2D80** L Connector (Left) for Recessed track
	2D81** T Connector (Right) for Recessed track
	2D82** T Connector (Left) for Recessed track

	2D76** Flexible Connector for Surface track
	2D83** X Connector for Surface track
	2D84** X Connector for Recessed track
	2F35** Concealed Connector
	2104** End Cap

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	
CE Mark - Product complies with CE Standard.	
CSA Mark - Product complies with USA & Canada Standard.	
CB Mark - Product complies with CB Standard.	
KC Mark - Product complies with Korean Standard.	
Other third party product approvals Our products include electrical and electronic components that carry other worldwide 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 insulation Class III - designed for operation of protected low voltage supplied (>42V).	
Passes the 850° glow wire test in accordance with IEC 695-2-1.	
Degree of Ingress Protection*	
48V input integrated.	
DMX	
Dim2Warm	
Tuneable White	
RGB / W	
CASAMBI	
Recyclable	

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

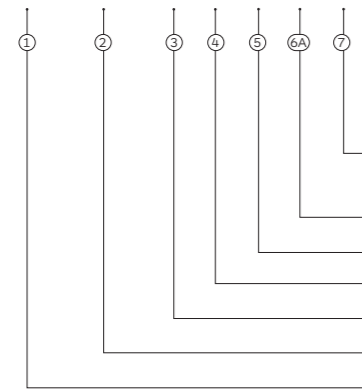
LEDs in formalighting Luminaires

Lumetix
Citizen
Cree
Luminus
Osram
Nichia

Code system

MOTOLUX

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



MOTOLUX PR

Code ordering example: **M 6 1 9 | I C 3 4 - 9 0 3 0 1 0 | A C 1 0**



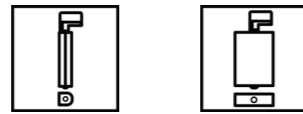
	MOTOLUX	MOTOLUX PR
⑦ Body colour	10	10
⑥B Control options	/	AC
⑥A Dimming & box type options	DC	/
⑤ Beam angle	15	10
④ CCT-LED colour temperature	30	30
③ LED CRI	90	90
② Light source code	IC32	IC34
① Product code	M621	M619

LED CRI

CCT-LED Colour temperature

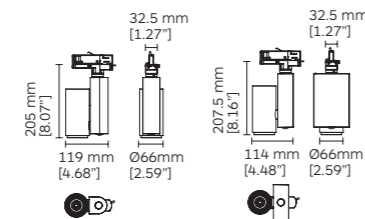
Driver Options

Body Colour



Driver box type options

LED CRI	CCT-LED Colour temperature	Driver Options	Dimming Options	Body Colour
90 CRI > 90	27 Warm White 2700K	Type D: DC	CASAMBI	10 Black (RAL 9004)
95 CRI > 95	30 Warm White 3000K	Type S: SX	DMX	11 White (RAL 9003)
	40 Neutral White 4000K	Type S: SA	Dali Dim	*17 Black (RAL 9004) / White (RAL 9003) (B&W)
	DW Dim2Warm™ 1800-3000K	Type D: D1	0-10V Dim	27 Chrome Polished
	T2 Tuneable White™ 2700K - 6500K			35 Gold
	T6 Tuneable White™ 2700K - 5000K			75 Grey (RAL 9006)
	FS Full Spectrum			29 Grey (for Outdoor use)
				84 Stainless steel



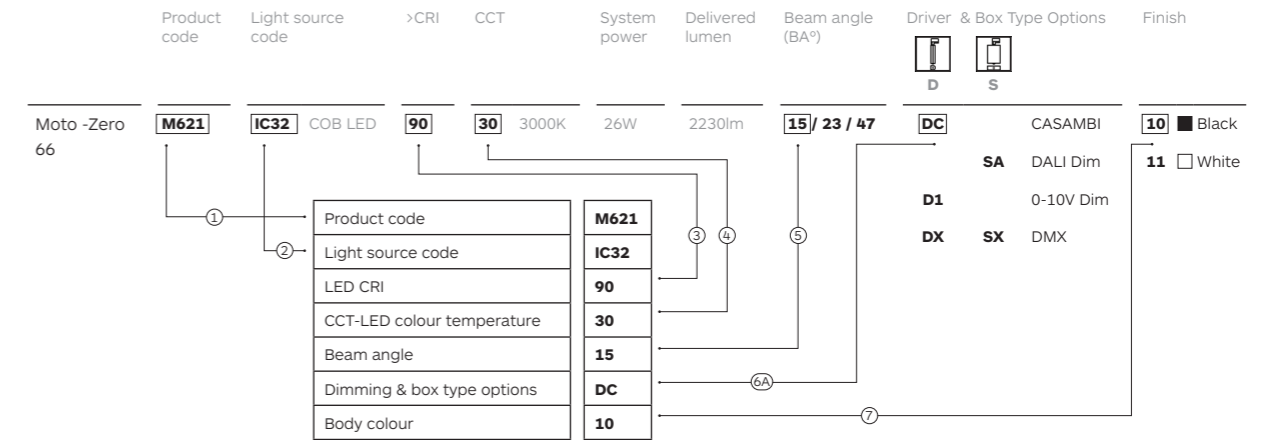
All dimensions in the catalogue in mm & inches

Control Options

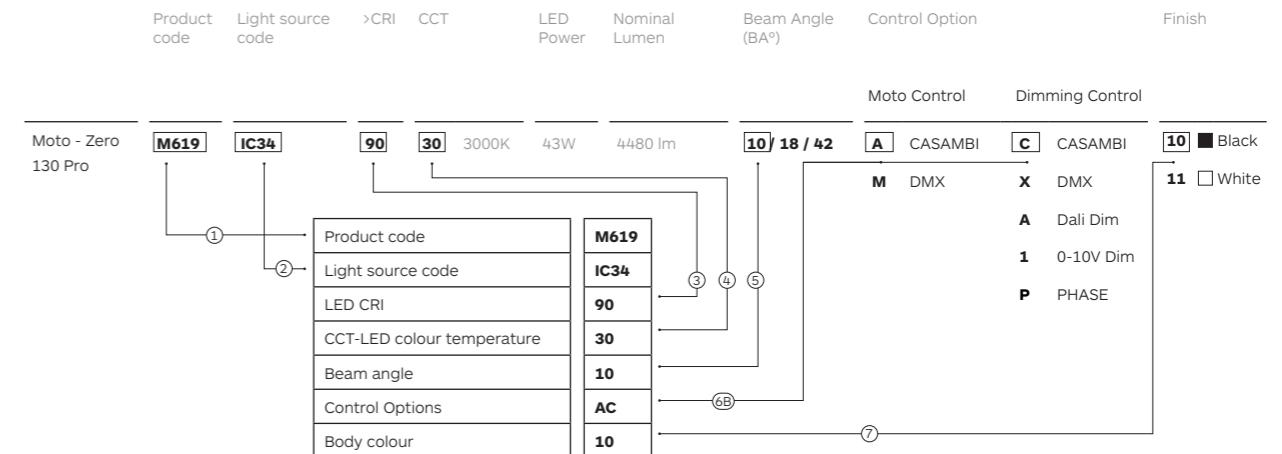
Moto Control	Dimming Control
A CASAMBI	C CASAMBI
M DMX	X DMX
	A Dali Dim
	1 0-10V Dim
	P PHASE

How to order

MOTOLUX



MOTOLUX PR



Global presence

Celebrating over 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 and Shanghai.

Our well chosen and selected partners as well as our affiliated international offices broaden our global presence further in markets such as USA, 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 over 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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Fax (+ 852) 2516 6525

E- mail forma@forma.com.hk

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