



formalighting

**MOTOLUX**

Motorized Remote Controlled Lighting

**2024 | 25**

# MOTOLUX

Motorized Remote Controlled Lighting



# Moto-Zero PR

Main Voltage Track



Ø 130

Moto-Zero 130 PRO

P. 38



Ø 130

Moto-Zero **Zoom** 130 PRO

P. 38

# Moto-Combo PR

Moto-Combo 136 & 195 PRO

P. 40



Ø 136



Ø 195

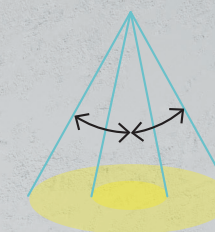


Moto-Combo **Zoom** 195 PRO

P. 40



Ø 195



# Moto-Gimbalo PR



Moto-Zero 130 PRO

P. 42

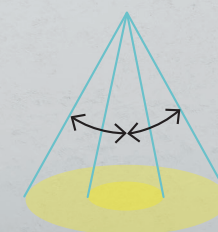


Moto-Zero **Zoom** 130 PRO

P. 42



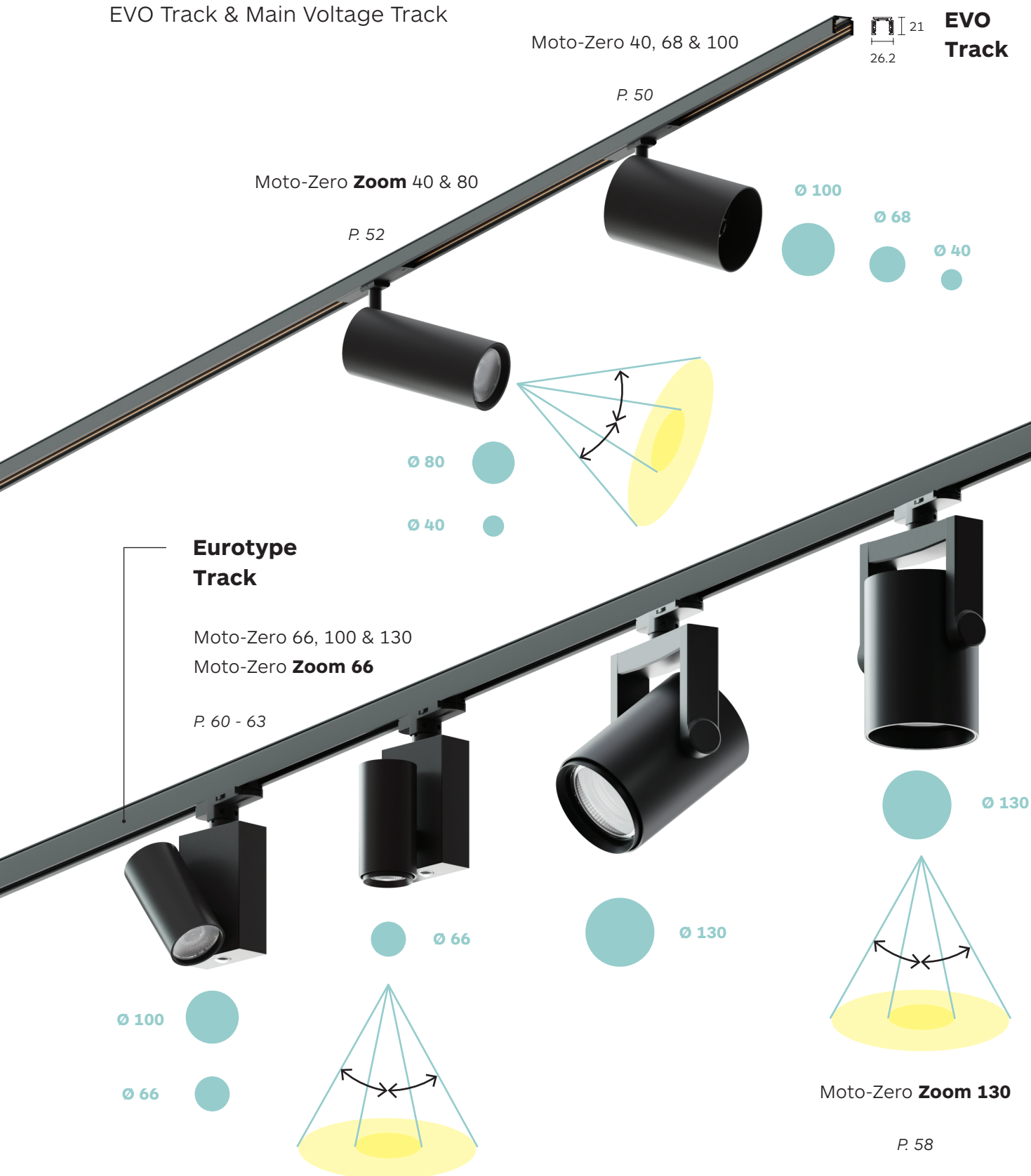
Ø 130





# Moto-Zero

EVO Track & Main Voltage Track



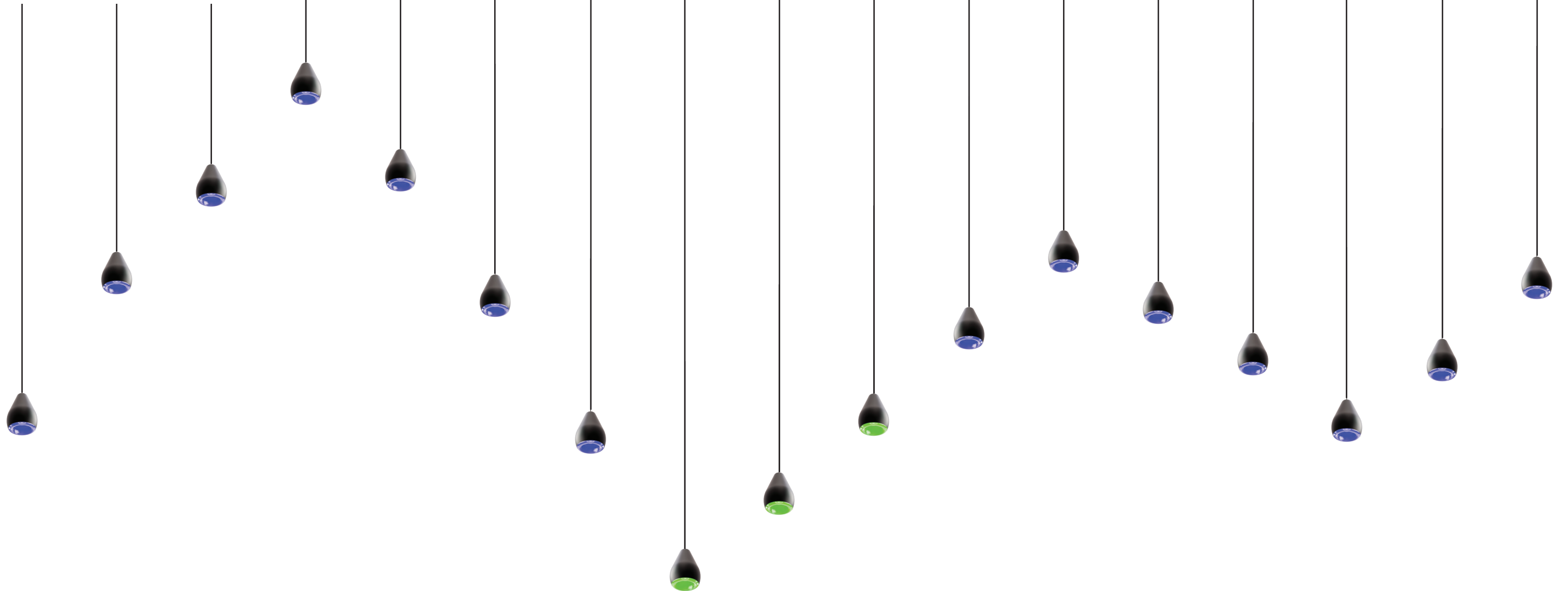
# Moto-Zero Compasso

Main Voltage Track



# Moto-JoJo

P. 64





## Moto-Rino

Moto-Rino with blacklight  
Moto-Rino

P. 70 - 73



## Moto-Spotify

Moto-Spotify 86 & 100

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## Moto-Multi Gimbal

Moto-Multi Gimbal 60  
Single | Double | Triple

P. 81



Single

Moto-Multi Gimbal 130  
Single | Double | Triple

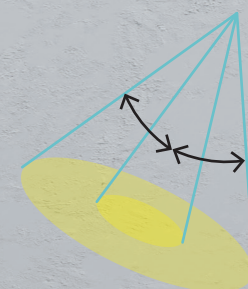
P. 82 - 84



Double



Triple

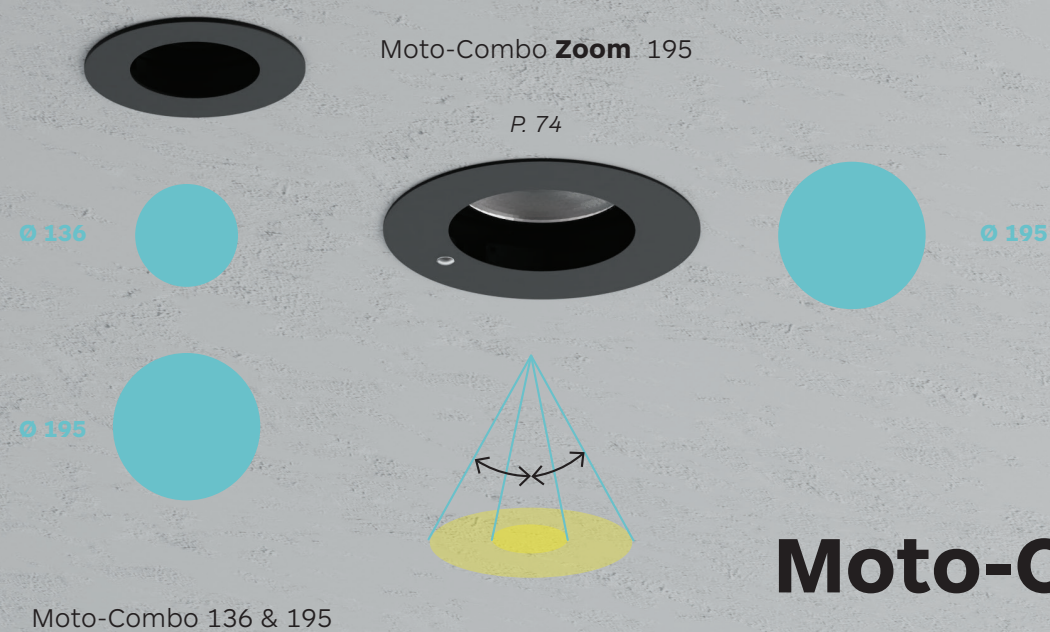


Moto-Multi Gimbal **Zoom** 130  
Single | Double | Triple

P. 82 - 84



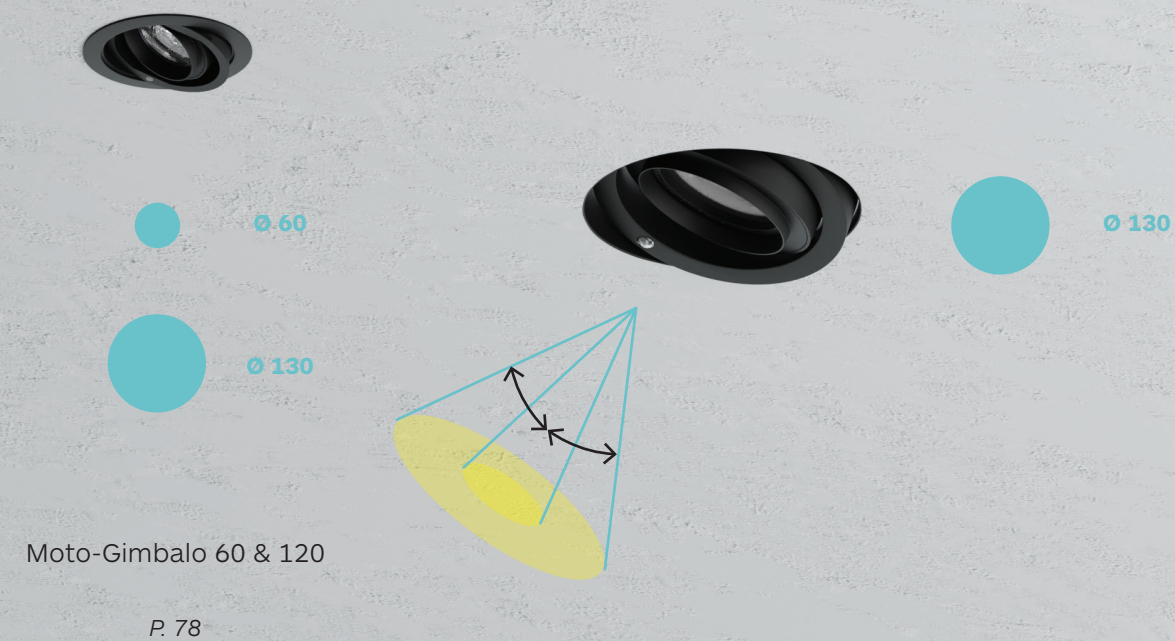
## Moto-Combo



## Moto-Colosseo



## Moto-Gimbalo



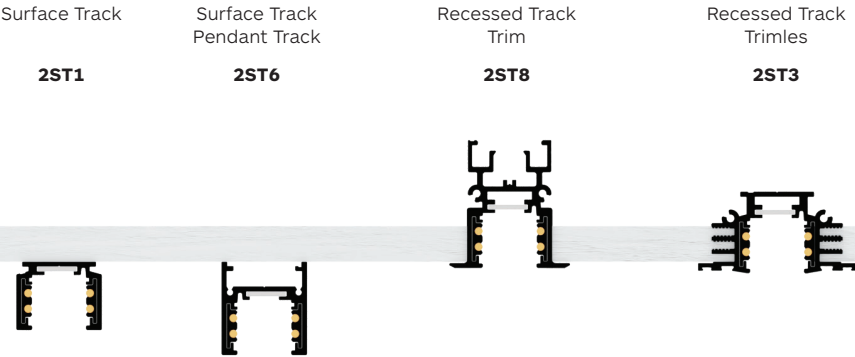
## Moto-Spotify





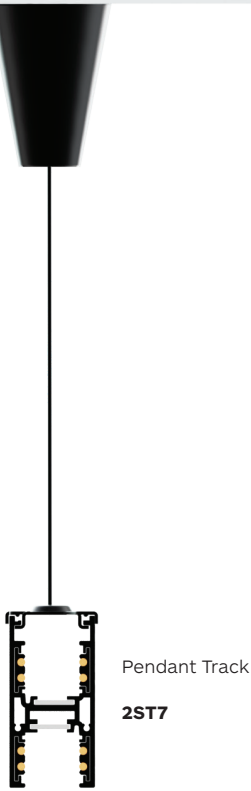
# EVO 48V Track Options

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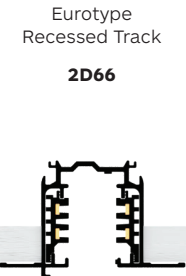
# Mounting Accessories

P. 92



# Main Voltage Track Options

P. 98



# Power Supply

P. 96

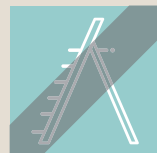
# Code Ordering System

P. 103

**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 & 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.



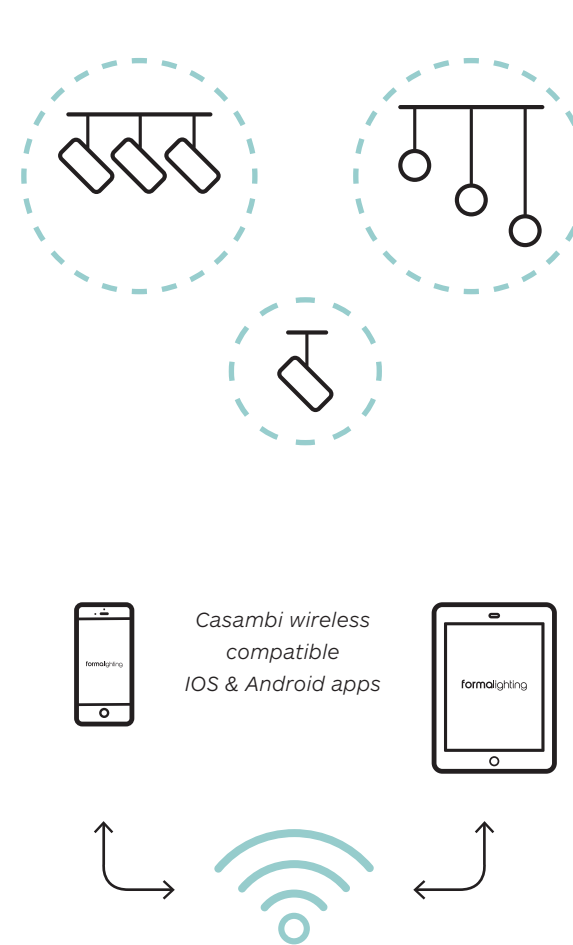
Location of Project: WOAW Gallery, Hong Kong



# 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.

## 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.

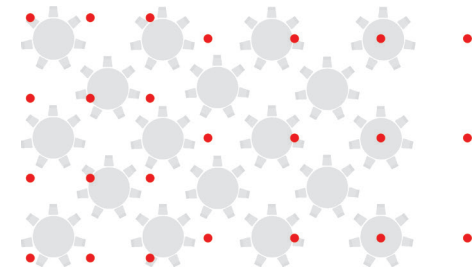
The formalighting app by Casambi is the user interface and can be used for commissioning and as a remote gateway.

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

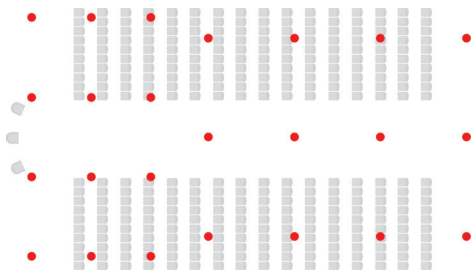
To make life simple, the app shows only the relevant functionality of each Motolux fixture model for your project, making it equally suited to the commercial and residential lighting specification markets.

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.



One single installation with endless possibilities



# Easy configuration

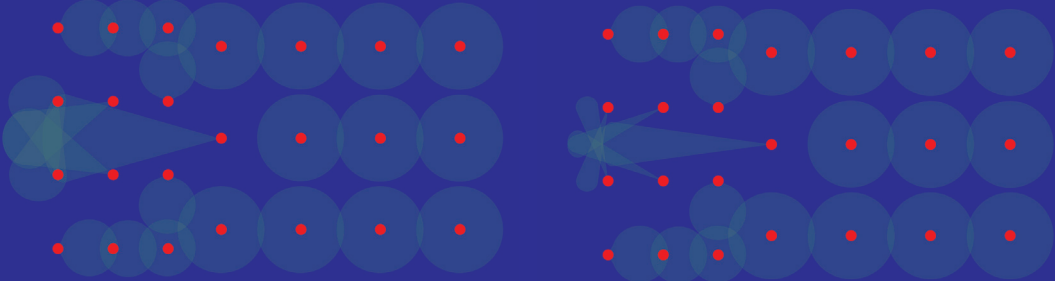
We introduce an easy and precise way to control and configure our luminaries.

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.

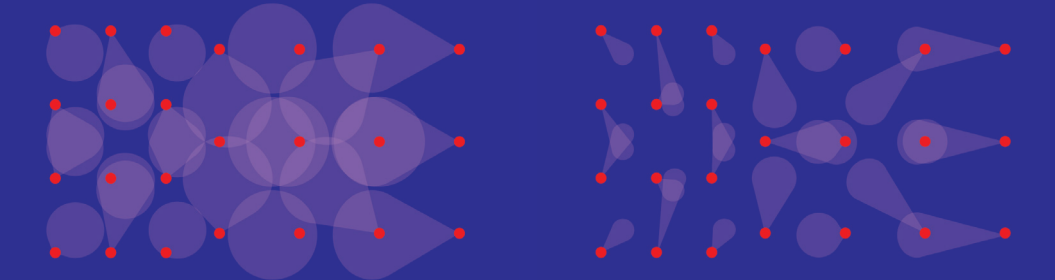
After saving it, any scene can be recalled with a simple click. Multiple scenes can be saved in the app, to adapt the illumination to the different time of the day or the different use of the ambience to enlighten.



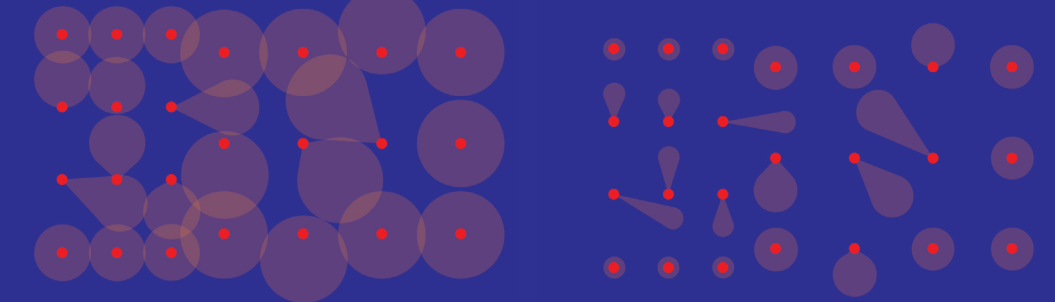
Scene 1.



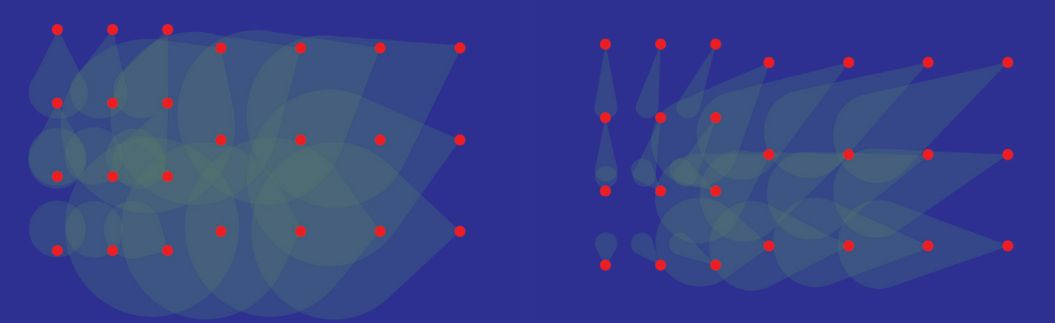
Scene 2.



Scene 3.



Scene 4...

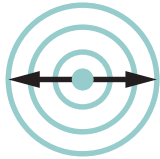
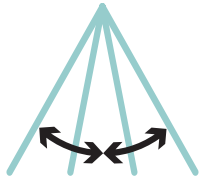


# Key Features

## Zoom. Change of beam angle

### Every. Angle. Covered.

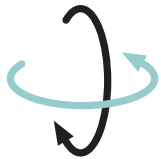
For unparalleled flexibility, selected MOTOLUX fixtures incorporate a beam-shaping lens, to focus the luminaires' beam angles from narrow to diffuse wide, giving the designers and the users the possibility to easily reconfigure the ambience according with different types of events. Now you have many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



## Connectivity

### Mesh Network

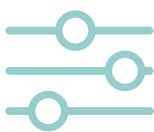
MOTOLUX powered by Casambi provides an organized wireless mesh network able to control infinite fixtures, where all the intelligence of the system is replicated in every single fixture. In this kind of fully distributed and symmetric architecture, with no single points of failure, any unit can go offline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



## 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.



## 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.

## 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

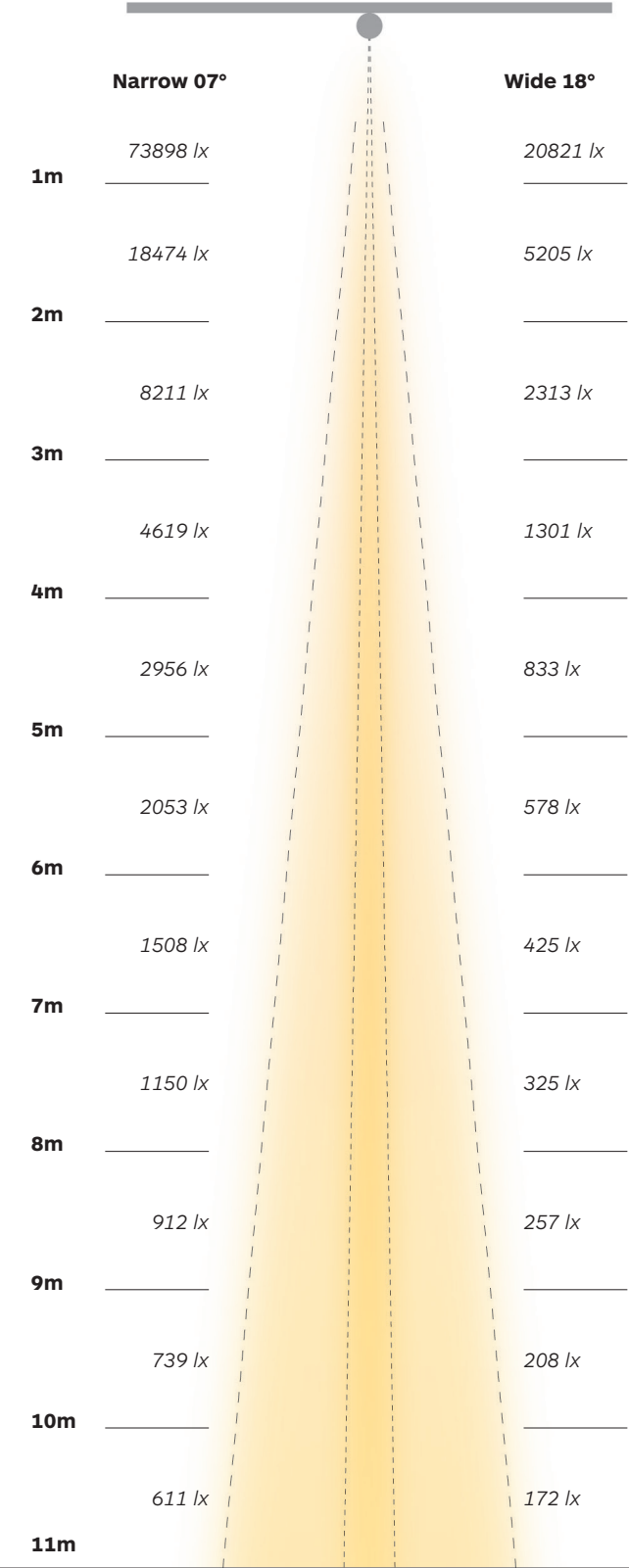
### Control by Standard DMX512

Motolox fixtures can be controlled by a standard DMX512 protocol.

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

Each fixture is addressable.

# Beam Shaping



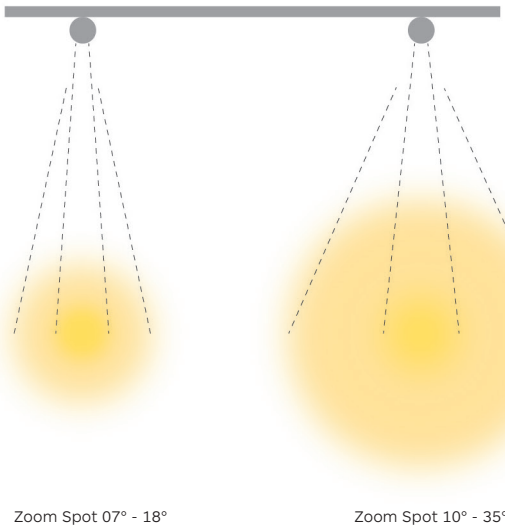
# Every. Angle. Covered.

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.

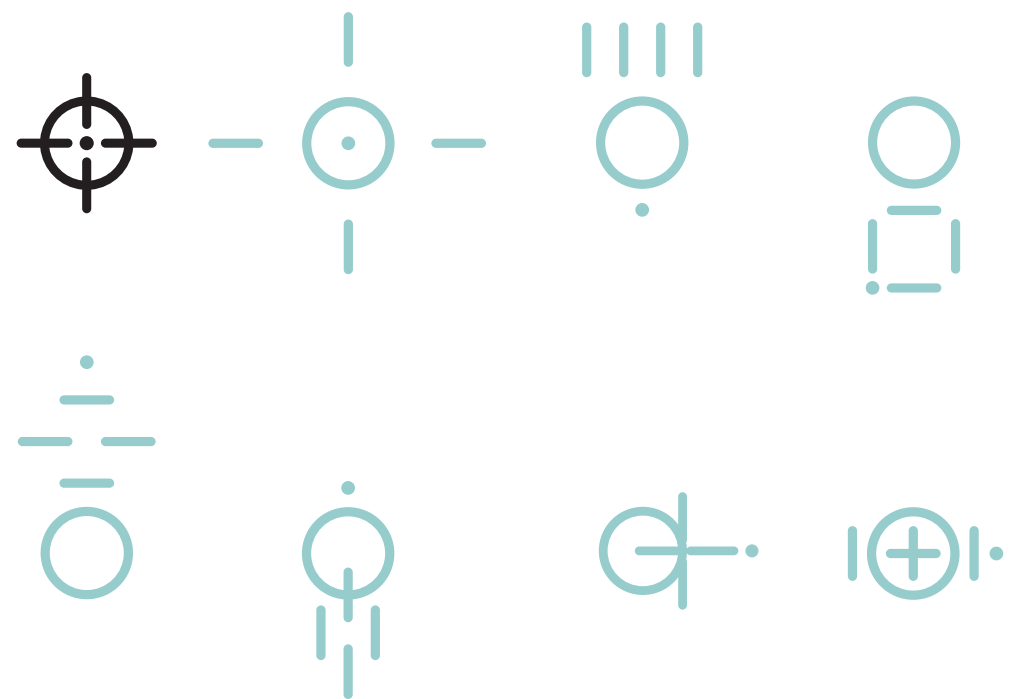
lumenetix® CASAMBI



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.



# Set. Save. Recall.



## MOTOLUX PRO

Motorized Remote Controlled Lighting

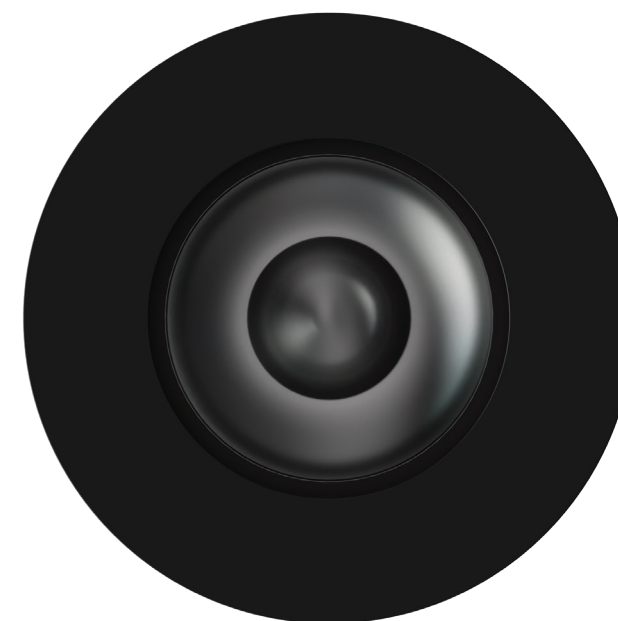
*MOTOLUX PRO brings intelligent spotlighting to configurable spaces with guaranteed accuracy.  
Precise positioning, beam angle adjustments and dim level are controlled through the CASAMBI app or DMX.  
Simply Set, Save, and recall scenes as desired.*



**High precision  
positioning**



*Moto-Zero130 PRO*



*Moto-Combo PRO*



**Easy & Fast  
configuration**

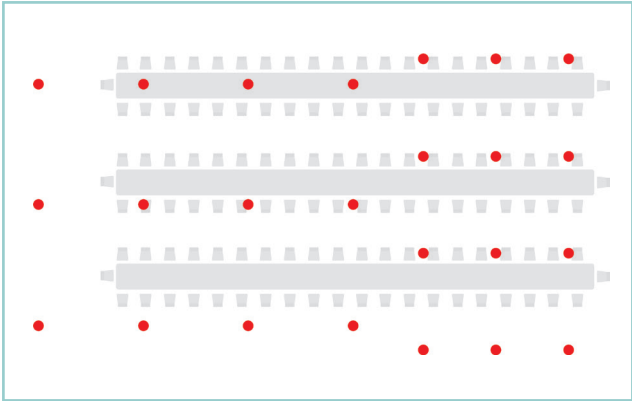


**Silent movement**

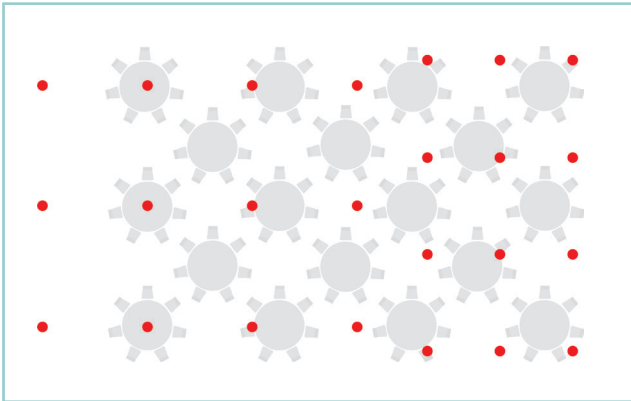
# MOTOLUX PRO by formalighting

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.

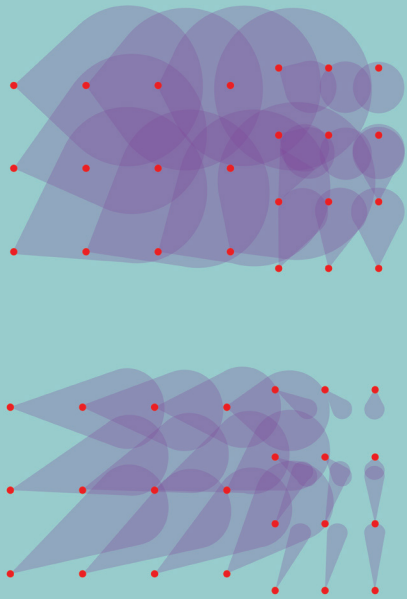


**Gallery tab**  
Use Casambi Gallery feature to visually control the fixtures. The Gallery feature provides a simple and intuitive way to control.

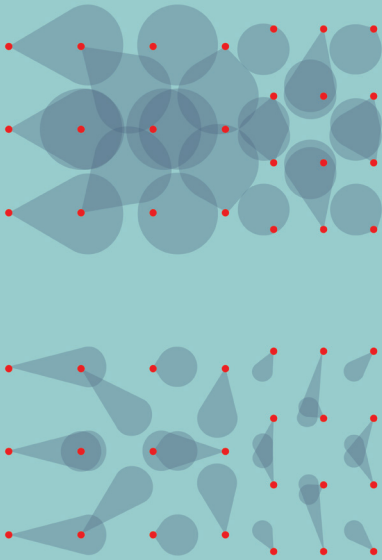
# MOTOLUX PRO

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

## 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-JaJo
- Moto-Combo & Moto-Combo Pro
- Moto-Combo Zoom & Moto-Combo Zoom Pro
- Moto-Colosseo
- Moto-Gimbalo & Moto-Gimbalo Pro
- Moto-Gimbalo Zoom & Moto-Gimbalo Zoom Pro
- Moto-Multi Gimbalo & Moto-Multi Gimbalo Zoom

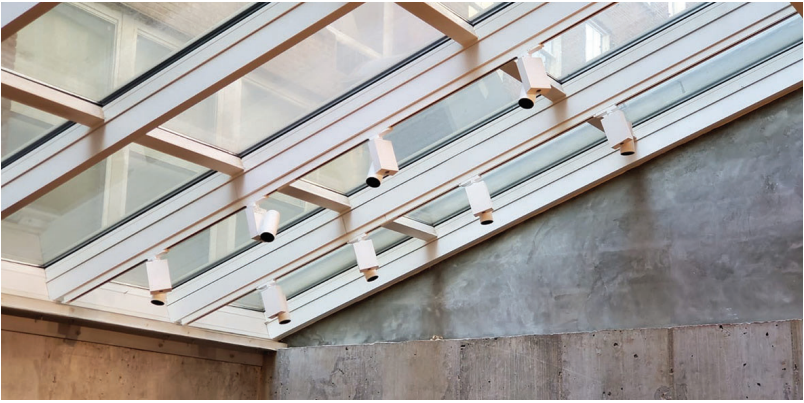
## Shop Windows & Retail



### 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-Colosseo
- Moto-Gimbalo & Moto-Gimbalo Pro
- Moto-Gimbalo Zoom & Moto-Gimbalo Zoom Pro
- Moto-Multi Gimbalo & Moto-Multi Gimbalo Zoom
- Moto-Fronteluce Pro

## 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-JaJo
- Moto-Combo & Moto-Combo Pro
- Moto-Combo Zoom & Moto-Combo Zoom Pro
- Moto-Colosseo
- Moto-Gimbalo & Moto-Gimbalo Pro
- Moto-Gimbalo Zoom & Moto-Gimbalo Zoom Pro
- Moto-Multi Gimbalo & Moto-Multi Gimbalo Zoom

## 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-JaJo
- Moto-Rino
- Moto-Spotify

## 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-JaJo
- Moto-Colosseo
- Moto-Rino
- Moto-Spotify

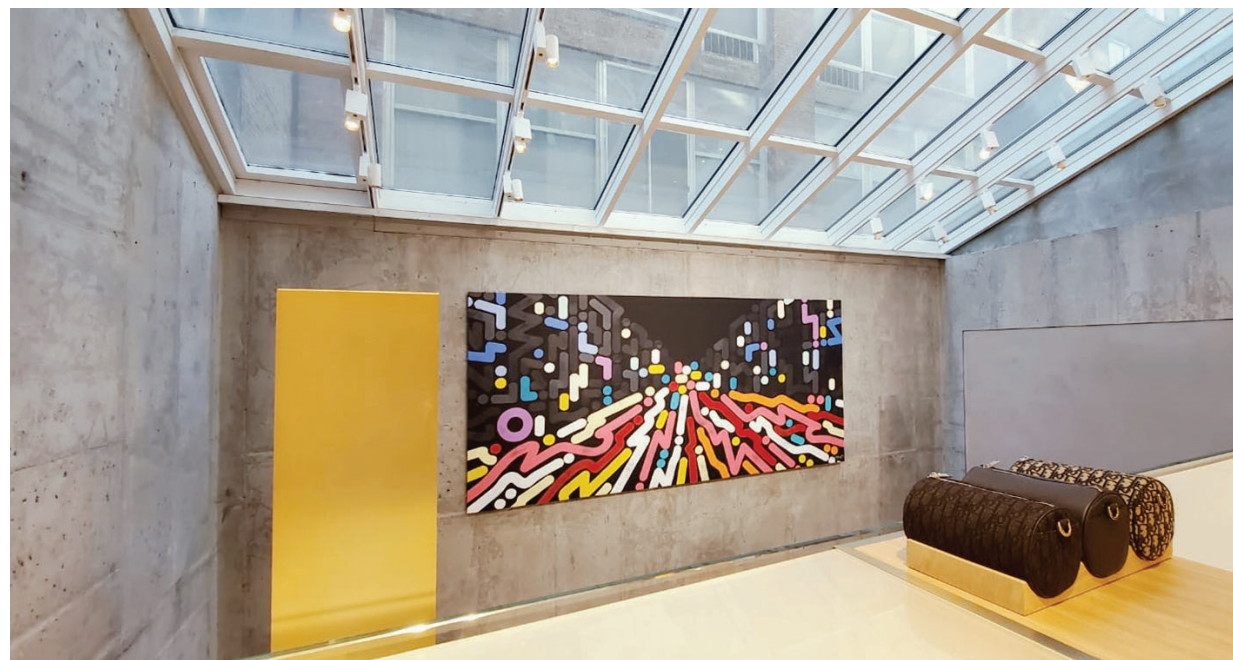


## Project References

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 PR

Motorized Remote Controlled Lighting

# Moto-Zero PR

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.

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.

LED Sources:

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K, RGBW,  
Tuneable White from 2700K - 6500K & 2700K - 5000K.

Accessories:

- Honeycomb louvre
- Linear spread
- Visor
- Snoot

For more information about accessories see page 88.

- 65 - Embossed matt black
- 10 - Black
- 54 - Embossed matt white
- 11 - White

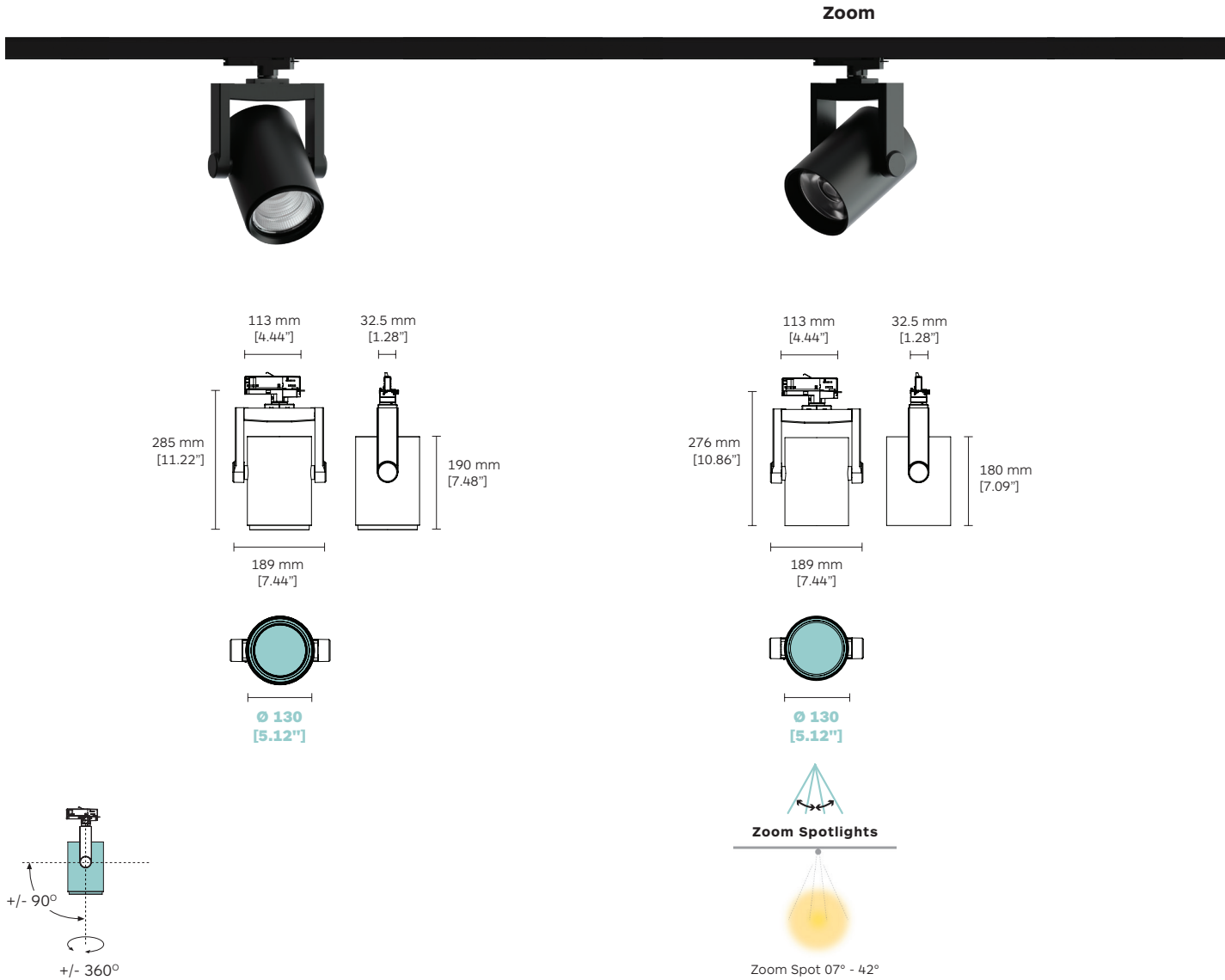
# Moto-Zero PR & Moto-Zero Zoom PR

65

10

54

11



# Moto-Combo PR

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. Two DC motors drive the movements of the fixture, which is tiltable vertically up to 30° in all directions on a dual-axis gimbal.

Available in two sizes 195 and 136 in trim version, the Moto Combo Zoom 195 Pro includes a third motor that controls a special lens, which allows beam angle adjustment between 7°-18°.

LED Sources:

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K, Tuneable White from 2700K - 5000K.

Accessories:

- Honeycomb louvre
- Linear spread
- Visor
- Snoot

For more information about accessories see page 89.

- 65 - Embossed matt black
- 10 - Black
- 54 - Embossed matt white
- 11 - White
- 75 - Grey

# Moto-Combo PR & Moto-Combo Zoom PR

65

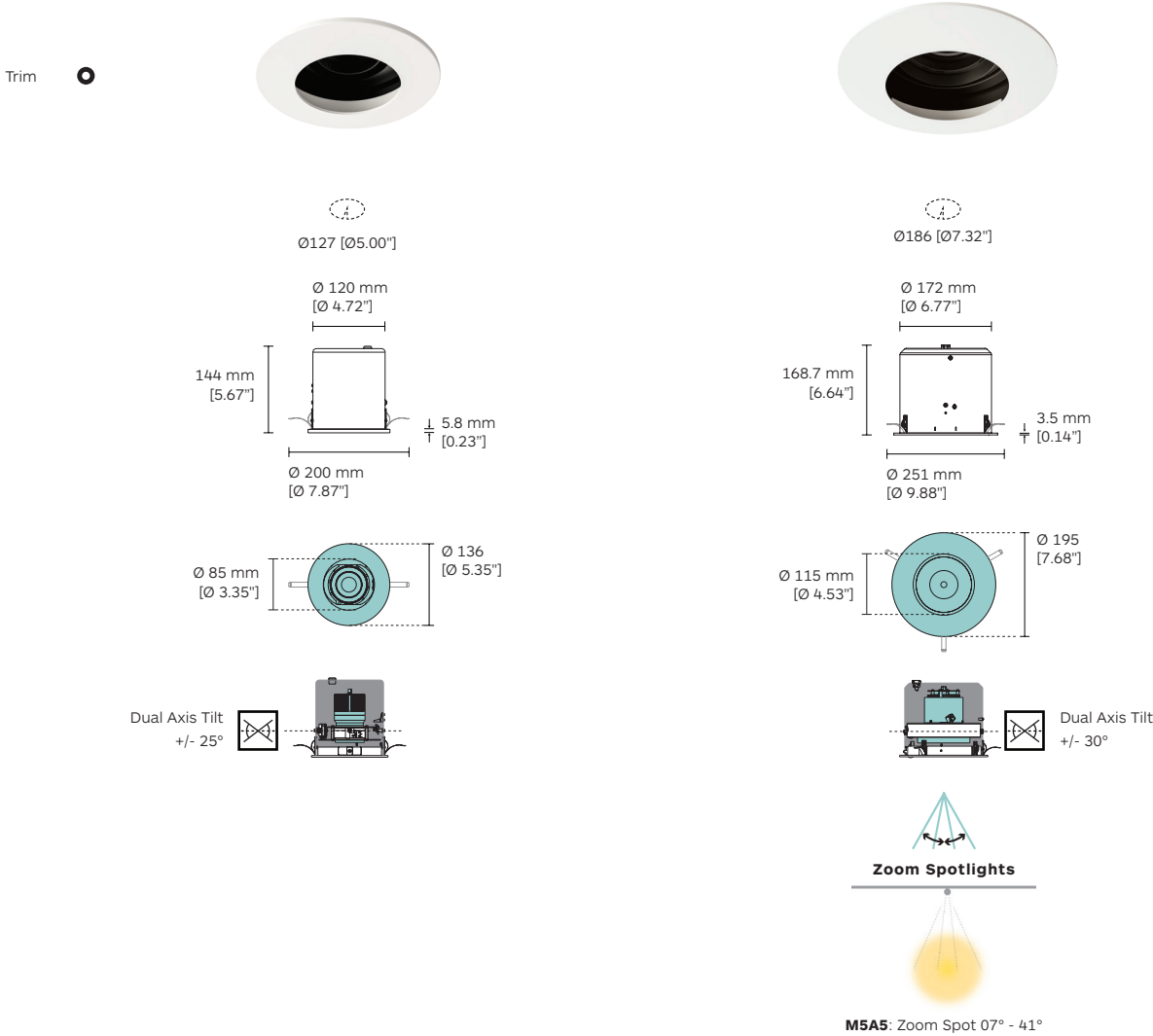
10

54

11

75

M5A4 / M5A5



		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Control Options:				CCT Options			
							Motor Control		Dimming Control					
CRI>90 3000K	Moto-Combo 136 Pro	M5A3	○	MN21	10W	1227 lm	11° / 16° / 30°		A	CASAMBI	C	CASAMBI	27	2700K
									M	DMX	X	DMX	30	3000K
High Efficacy	Moto-Combo 195 Pro	M5A4	○	AC37	21W	2767 lm	15° / 24° / 38°				A	Dali Dim	35	3500K
				HR21	27W	2607 lm	07° / 21° / 36°				1	0-10V Dim	40	4000K
	Moto-Combo Zoom 195 Pro	M5A5	○	HN21	25W	2677 lm	BS (07° - 18°)				P	PHASE	T6 <sup>1</sup>	2700K - 5000K
				MC37	29W	3575 lm	BS (14° - 41°)							

<sup>1</sup> CCT Option T6 available for code M5A5 only.  
Please visit our website for detailed information.

BS: Beam Shaping.



# Moto-Gimbalo PR

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.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°.

LED Sources:

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K, Tuneable White from 2700K - 5000K.

Accessories:

- Honeycomb louvre
- Linear spread
- Visor
- Snoot

For more information about accessories see page 89.

- 65

- Embossed matt black
- 10

- Black
- 54

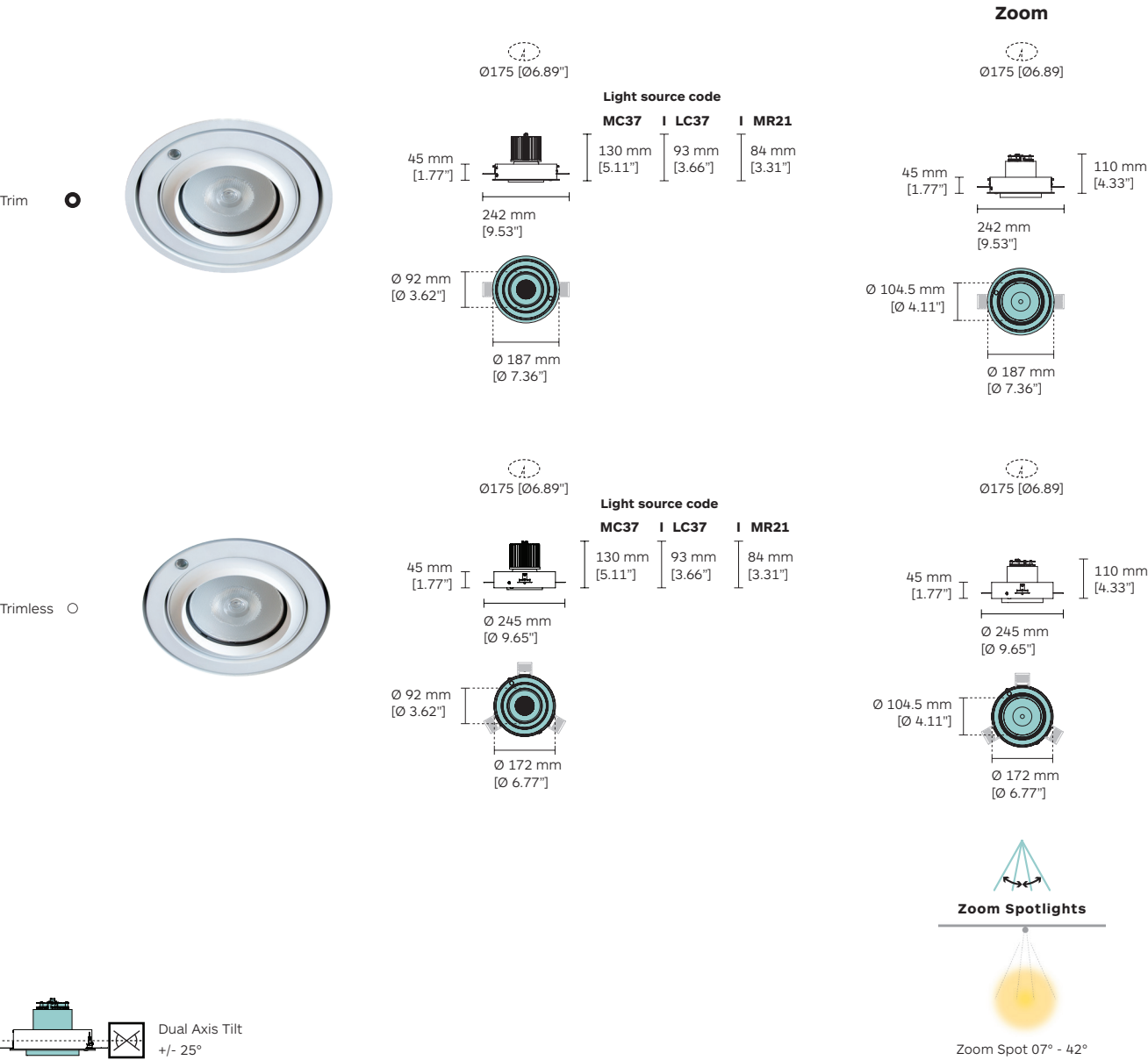
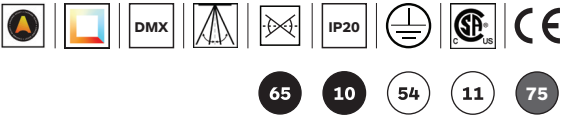
- Embossed matt white
- 11

- White
- 75

- Grey



# Moto-Gimbalo PR & Moto-Gimbalo Zoom PR



# Moto-Fronteluce PR



Motorized surface-mounted linear projector light with housing in aluminum extrusion, designed to be surface or recessed-mounted, both vertically and horizontally.

Moto-Fronteluce is available in 3 lengths, configured with 7, 15, and 22 light heads. Two DC motors drive the movements of the spotlights, panning and tilting them vertically up to 30°.

Versatile design, with excellent color rendering and different color temperature options. Ideal for lighting retail environments. Other CCT, CRI, and length options are available on request.

Accurate movements of the spotlights, as well as the intensity and the color tuning of the light, are controlled via the CASAMBI™ application.

**LED Sources:**

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K  
Other CCT options available on request.

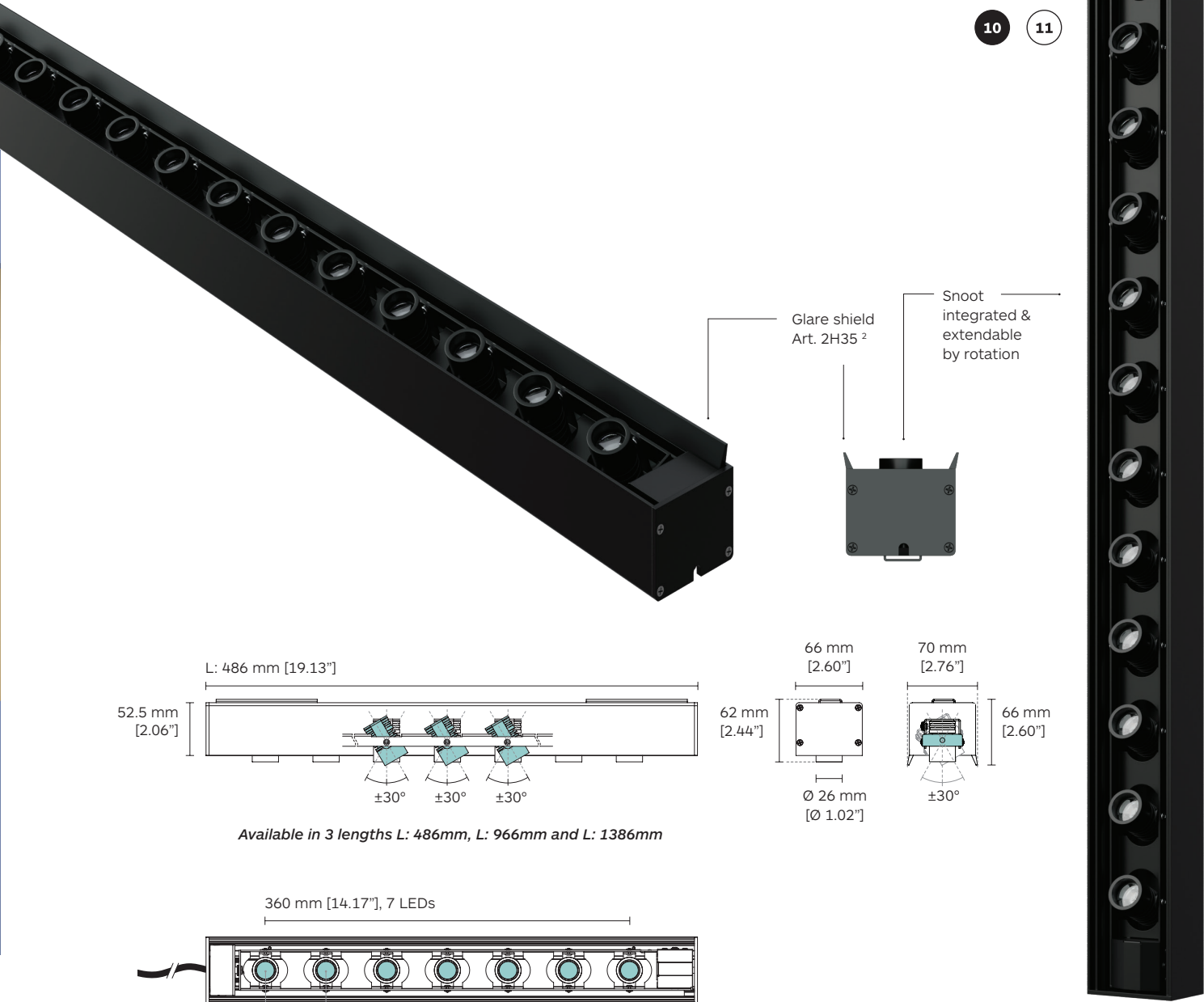
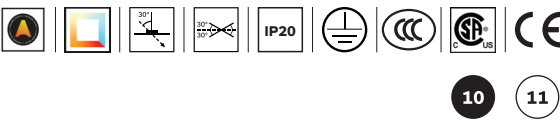
**Accessories:**

• Glare shield  
To be ordered separately.

● **10** - Black

○ **11** - White

# Moto-Fronteluce PR



Available in 3 lengths L: 486mm, L: 966mm and L: 1386mm

		Product Code	Length Code	No. of LED	LED Power	Nominal Lumen	Beam Angle (BA°)	Control Options:				CCT Options <sup>1</sup>	
								Motor Control	Dimming Control				
CRI>90 3000K  High Efficacy	Moto-Fronteluce Pro	M124	0486	7 LEDs	14W	1645 lm	16° / 20° / 30° / EL	A	CASAMBI	C	CASAMBI	27	2700K
			0966	15 LEDs	30W	3525 lm		M	DMX	X	DMX	30	3000K
			1386	22 LEDs	44W	5170 lm				A	Dali Dim	35	3500K
										1	0-10V Dim	40	4000K

<sup>1</sup> 2100K, 2400K, Tuneable White , RGB, RGBW and other CCT options available on request.

<sup>2</sup> Accessories to be ordered separately, please see page 89 for more details.

Please visit our website for detailed information.  
EL = Elliptical Beam (16° x 37°).

**MOTOLUX**  
Motorized Remote Controlled Lighting

# Motorized Architectural Lighting



# MOTOLUX for 48V Low Voltage Track System

formalighting

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

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 sizes 40mm and 68mm and 100mm.

The integrated track adapter is compatible with 48v low voltage track system. 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.

LED Sources:

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K, Tuneable White from 2700K - 5000K.

Accessories:

- Honeycomb louvre
- Linear spread
- Visor
- Snoot

For more information about accessories see page 88.

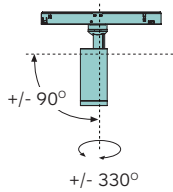
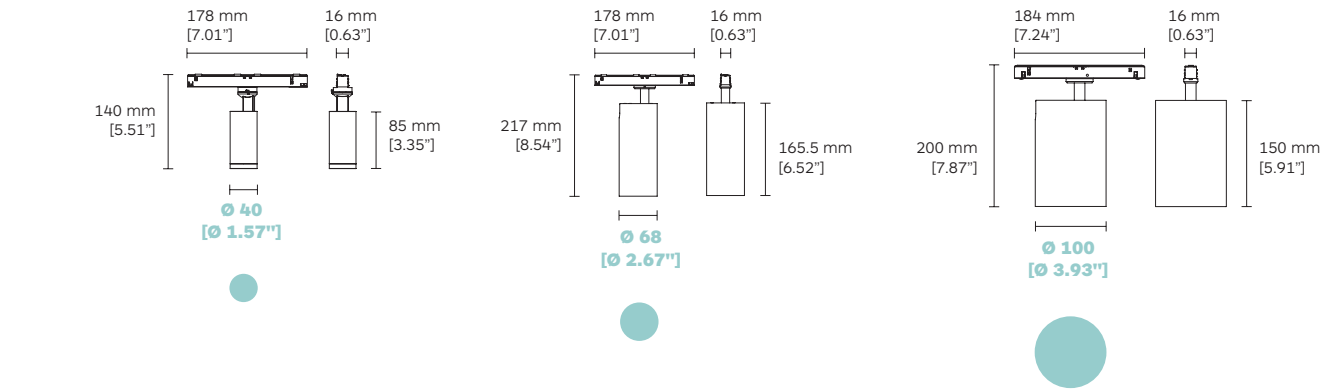
- 10 - Black
- 11 - White

# Moto-Zero Low Voltage



10

11



		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
<div>CRI&gt;90 3000K</div> <div>High Efficacy</div>	Moto-Zero 40	M901	BC31	6W	705 lm	16° / 26° / 36°	DC CASAMBI	27 2700K
			BR21	4W	439 lm	07°		30 3000K
	Moto-Zero 68	M902	BC24	12W	1703 lm	16° / 25° / 36°		35 3500K
			BR21	6W	574 lm	05°		40 4000K
	Moto-Zero 100	M903	BC37	25W	2985 lm	12° / 22° / 32°		T2 <sup>1</sup> 2700K - 6500K
			BR21	18W	1948 lm	07° / 21° / 36°		

<sup>1</sup> CCT Option **T2** available for code M901, M902.  
Please visit our website for detailed information.



# Moto-Zero Zoom

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 48v low voltage track system.

Two DC motors drive the movements of the fixture, which is tiltable vertically up to 90° and rotatable horizontally 350°. A third motor controls 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.

LED Sources:

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K, Tuneable White from 2700K - 6500K

- 65 - Embossed matt black
- 10 - Black
- 54 - Embossed matt white
- 11 - White



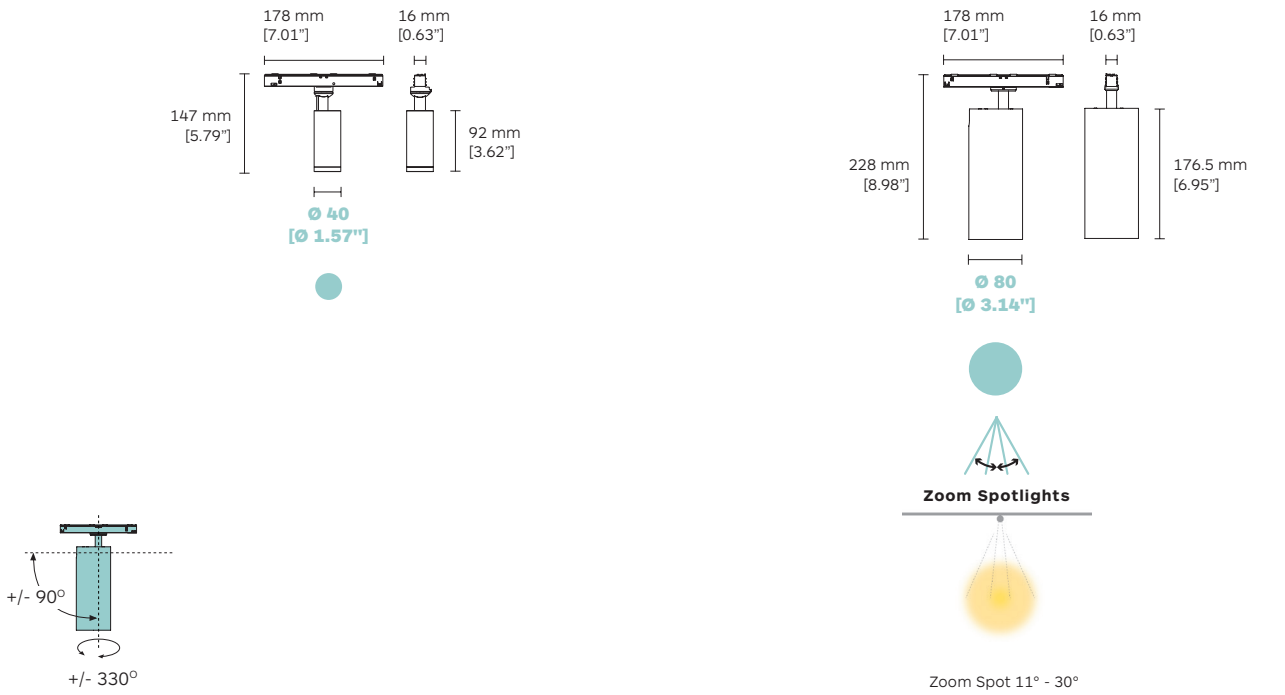
# Moto-Zero Zoom Low Voltage

65

10

54

11



	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
<div>CRI&gt;90 3000K</div> <div>High Efficacy</div>	Moto-Zero <b>Zoom</b> 40	<b>M904</b>	<b>BC38</b>	9W	962 lm	<b>BS</b> (15° - 28°)	<b>27</b> 2700K
	Moto-Zero <b>Zoom</b> 80	<b>M905</b>	<b>BC36</b>	17W	1789 lm	<b>BS</b> (11° - 30°)	<b>30</b> 3000K
							<b>35</b> 3500K
							<b>40</b> 4000K
							<b>T2<sup>1</sup></b> 2700K - 6500K

<sup>1</sup> CCT Option **T2** available for code M904, M905. Please visit our website for detailed information.

**BS:** Beam Shaping.

# **MOTOLUX for Main Voltage Track System**



# Moto-Zero Compasso

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 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 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.

LED Sources:

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K, Tuneable White from 2700K - 6500K & 2700K-5000K

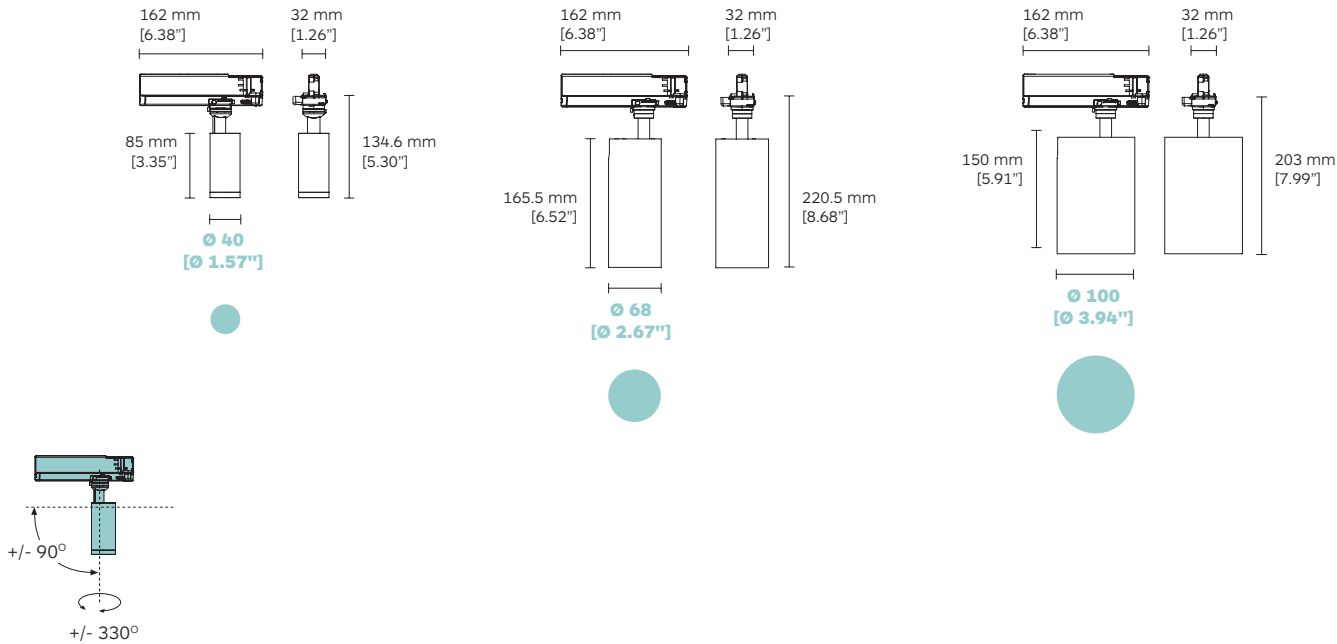
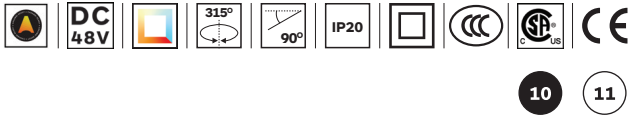
Accessories:

- Honeycomb louvre
- Linear spread
- Visor
- Snoot

For more information about accessories see page 88.

- 10 - Black
- 11 - White

# Moto-Zero Compasso



		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
CRI>90 3000K  High Efficacy	Moto-Zero Compasso 40	M639	BC31	6W	705 lm	16° / 26° / 36°	DC CASAMBI	27 2700K
			BR21	4W	439 lm	07°		30 3000K
	Moto-Zero Compasso 68	M665	BC24	12W	1703 lm	16° / 25° / 36°		35 3500K
			BR21	6W	574 lm	05°		40 4000K
	Moto-Zero Compasso 100	M666	BC37	25W	2985 lm	12° / 22° / 32°		T2 <sup>1</sup> 2700K - 6500K
			BR21	18W	1948 lm	07 ° / 21° / 36°		

<sup>1</sup> CCT Option T2 available for code M639, M665.  
Please visit our website for detailed information.

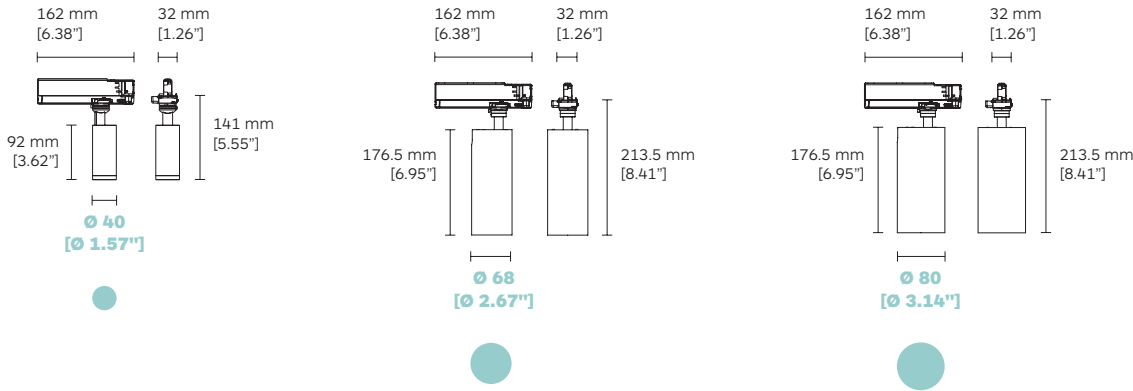


Moto-Zero Zoom

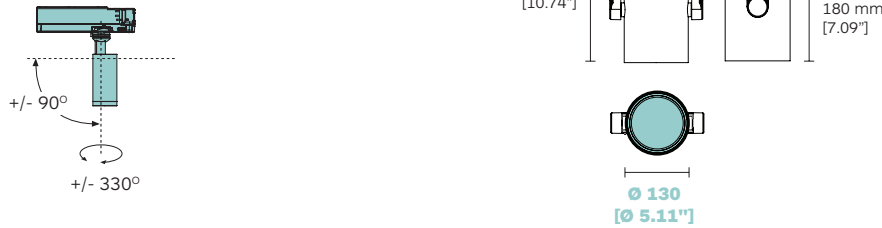
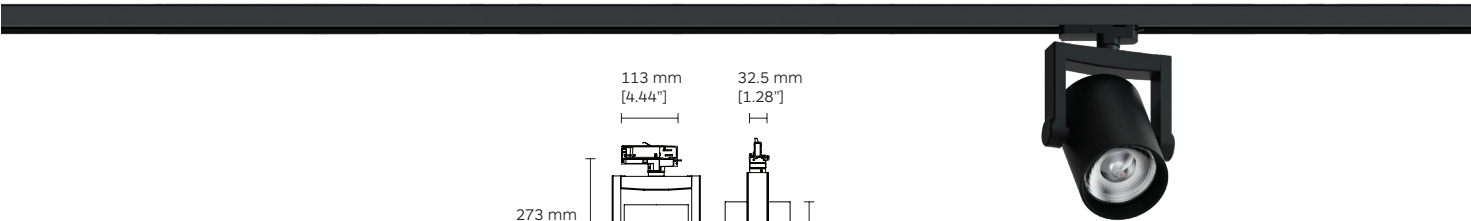
40 | 68 | 80 | 130



Moto-Zero Compasso Zoom



Moto-Zero Zoom



		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
<div>CRI&gt;90 3000K</div> <div>High Efficacy</div>	Moto-Zero Compasso <b>Zoom</b> 40	<b>M667</b>	<b>BC38</b>	9W	962 lm	<b>BS</b> (15° - 28°)	<b>DC</b> CASAMBI	<b>27</b> 2700K
	Moto-Zero Compasso <b>Zoom</b> 68	<b>M668</b>	<b>BC36</b>	15W	1632 lm	<b>BS</b> (11° - 30°)		<b>30</b> 3000K
	Moto-Zero Compasso <b>Zoom</b> 80	<b>M669</b>	<b>BC36</b>	17W	1789 lm	<b>BS</b> (11° - 30°)		<b>35</b> 3500K
	Moto-Zero <b>Zoom</b> 130	<b>M670</b>	<b>BN21</b>	25W	2507 lm	<b>BS</b> (07° - 13°)		<b>40</b> 4000K
			<b>BC37</b>	29W	3357 lm	<b>BS</b> (16° - 25°)		<b>T2</b> <sup>1</sup> 2700K - 6500K <b>T6</b> <sup>1</sup> 2700K - 5000K

<sup>1</sup> CCT Option **T2** available for codes M667, M668 & M669. CCT Option **T6** available for code M670 only. Please visit our website for detailed information.

**BS:** Beam Shaping.

Every. Angle. Covered.

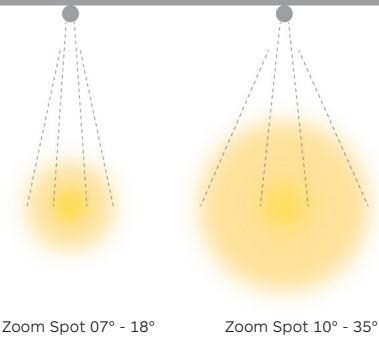


Narrow Spot Illumination



Diffuse Illumination

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.

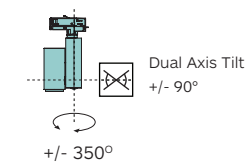
Using the formalighting app powered by CASAMBI, the fixture's beam angle can be changed within a range of 7 to 45 degrees. A change in beam angle may also require the light to be re-directed or modify its intensity, so the same app controls the pan (355°), tilt (90°) and diming of the Moto-Zero Zoom.

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.

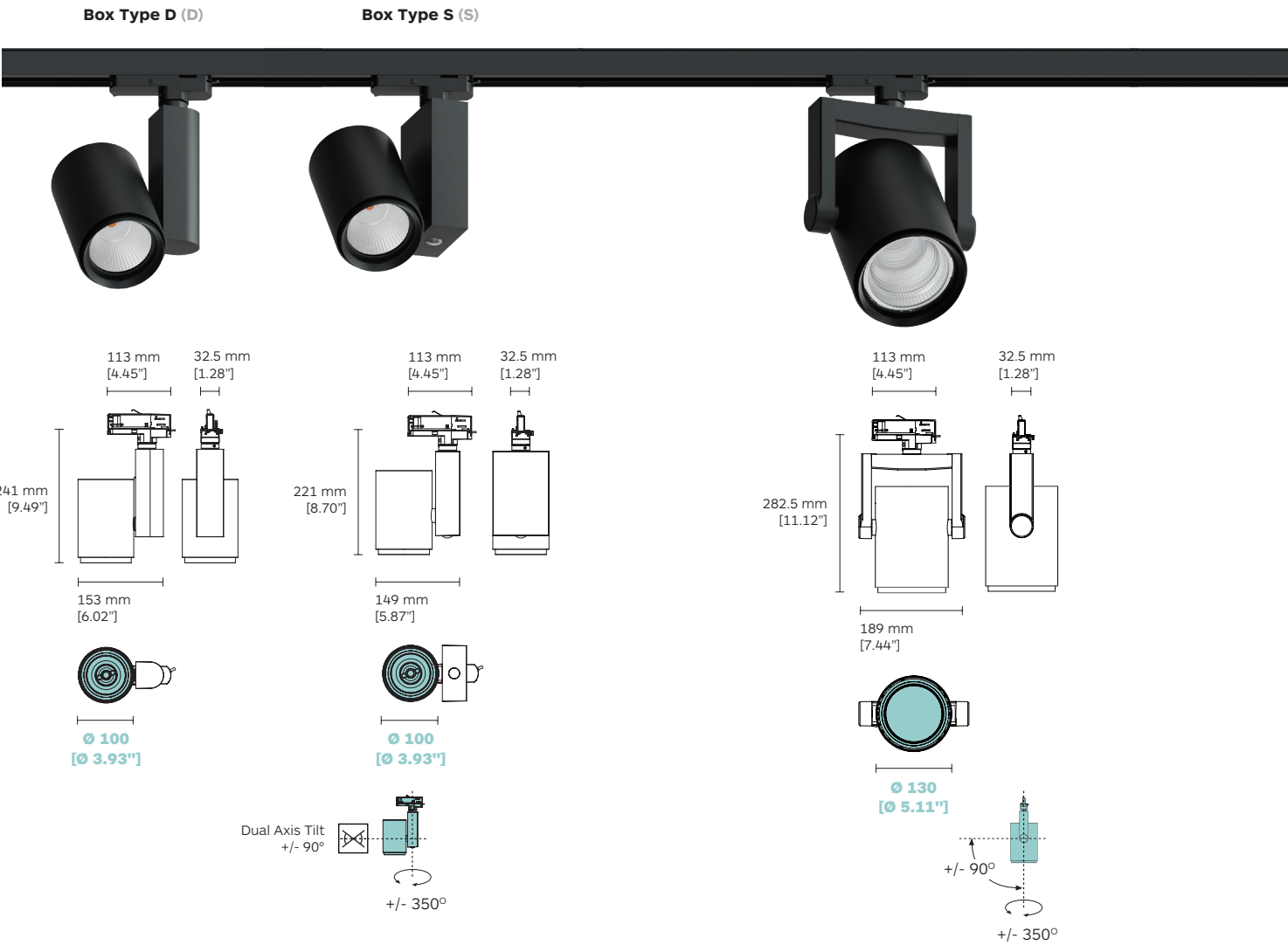
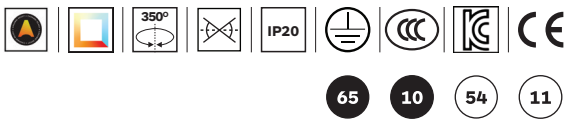




● **11 - White**



**BS:** Beam Shaping.

# Moto-Zero 100 & Moto-Zero 130



		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming & Box Type Options		CCT Options			
							 D	 S				
CRI>90 3000K  High Efficacy	Moto - Zero 100	M620	IC37	33W	3726 lm	12° / 27° / 55°	DC	CASAMBI	27	2700K		
			BR21	18.4W	1948 lm	07° / 21° / 36°		SA	Dali Dim	30	3000K	
	Moto - Zero 130	M619	IC54	42.2W	5210 lm	10° / 18° / 42°	D1	0-10V Dim	35	3500K		
				BR21	27.6W	2922 lm		07° / 21° / 36°			DMX	
									DC	CASAMBI	40	4000K
									DA	Dali Dim	T2 <sup>1</sup>	2700K - 6500K
							D1	0-10V Dim				
							DX	DMX	RG <sup>2</sup>	RGBW		

<sup>1</sup> CCT Option **T2** available for codes M620, M619. For Tuneable White (**T2**) option, the type of driver box is always Square shape (**S**).  
<sup>2</sup> CCT Option **RG** available for codes M619 only.  
Please visit our website for detailed information.



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



# Moto-JoJo

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 Tunable 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.

LED Sources:

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K, Tuneable White from 2700K - 6500K, Full Spectrum.

- 65 - Embossed matt black
- 10 - Black
- 54 - Embossed matt white
- 11 - White
- 35 - Gold

# Moto-JoJo

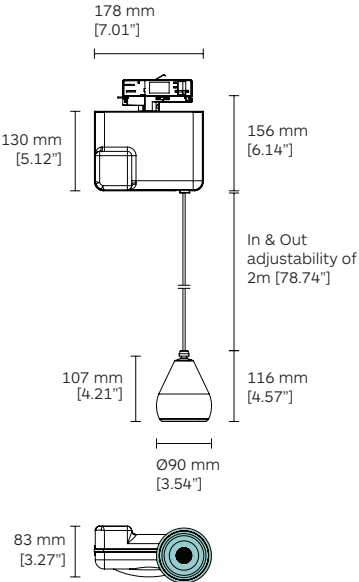
65

10

54

11

35



		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
<div>CRI&gt;90 3000K</div> <div>High Efficacy</div>	Moto - JoJo	M673	BB22	12W	1305 lm	16° / 24° / 36°	DC CASAMBI	27 2700K
								30 3000K
								35 3500K
								40 4000K
								T2 <sup>1</sup> 2700K - 6500K
								FS <sup>2</sup> Full Spectrum

<sup>1</sup> CCT Option **T2** available for codes M673. CCT Option **FS** available for code M673 only.



# Moto-Spotify

The MOTO Spotify series is a brand new motorised and lightweight cast aluminium luminaire with interchangeable LED modules.

Available with round or square recess, and flat or concave design, the trimmed or trimless versions offer full versatility with their Ø86 and Ø100mm sizes.

The 30° vertical tilt and 350° horizontal rotation in addition to the colour tuning, is controlled via CASAMBI™ to offer an ECO design for the circular economy.

**LED Sources:**

High Efficacy  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K, Tuneable White from 2700K - 6500K.

High Rendering  
CRI: 95 | CCT: Tuneable White from 2700K - 5700K .

**Accessories:**

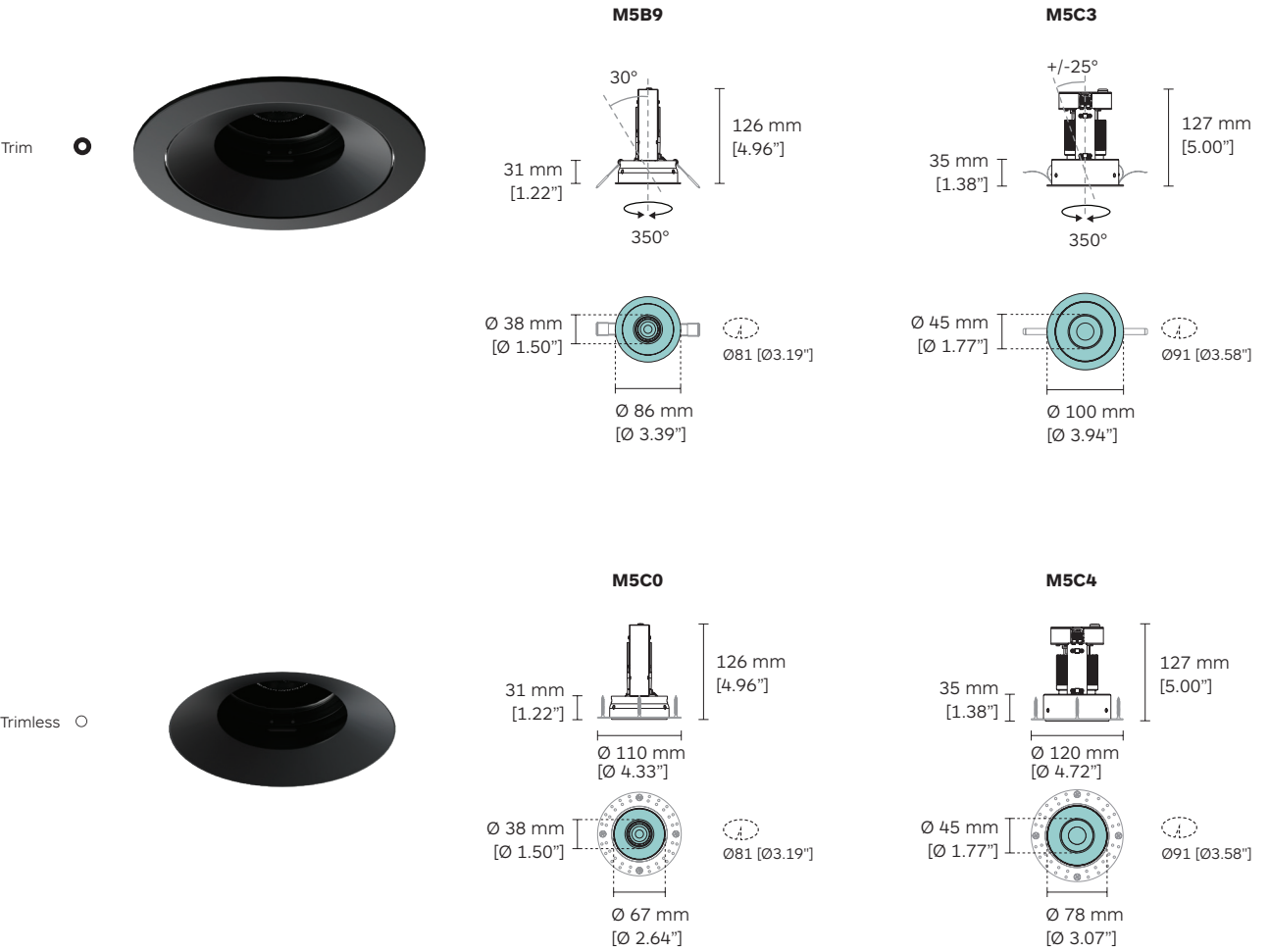
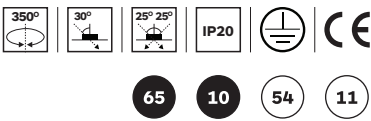
- Tool free changeable
- Honeycomb louvre
  - Linear spread
  - Flat trim
  - Snoot

For more information see page 69.

- **65** - Embossed matt black
- **10** - Black
- **54** - Embossed matt white
- **11** - White



# Moto-Spotify Round

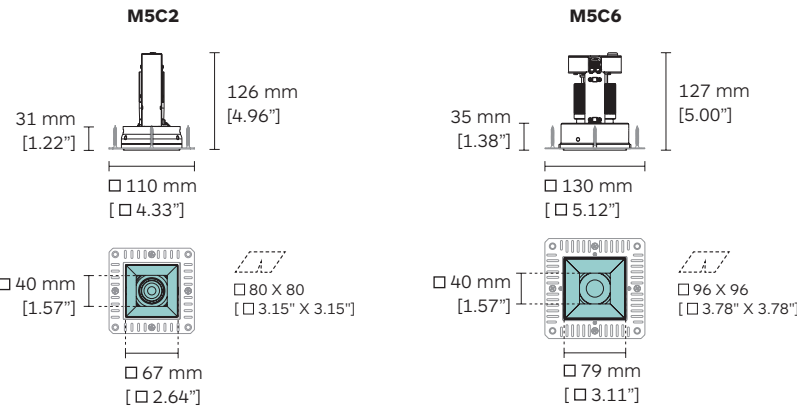
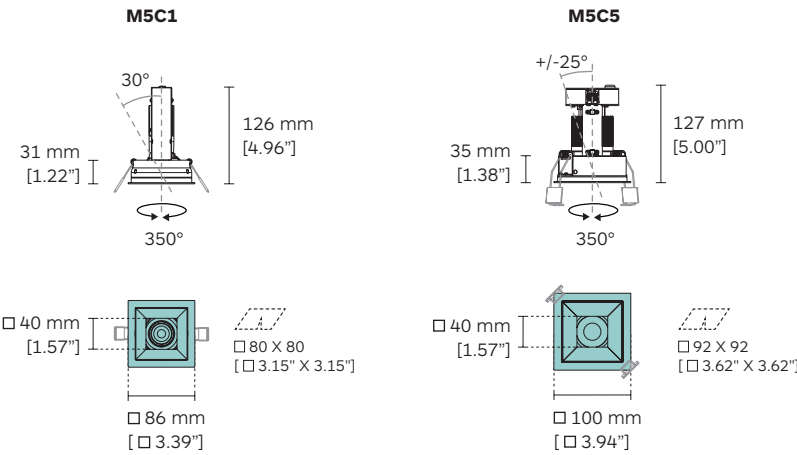


		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
<div>CRI&gt;90 3000K</div> <div>High Efficacy</div>	Moto-Spotify 86	M5B9 ●	MC42	6W	634 lm	16°/ 22° / 33°	D1 0-10V Dim	27 2700K
		M5C0 ○					DA Dali Dim	30 3000K
	Moto-Spotify 100	M5C3 ●	MC24	12W	1703 lm	18°/ 24° / 36°	DC CASAMBI	35 3500K
		M5C4 ○					DX DMX	40 4000K
								T2 <sup>1</sup> 2700K - 6500K
								TI <sup>1</sup> 2700K - 5700K

<sup>1</sup> CCT Option **T2** available for code M5C3, M5C4. CCT Option **TI** available for code M5B9, M5C0. Please visit our website for detailed information.



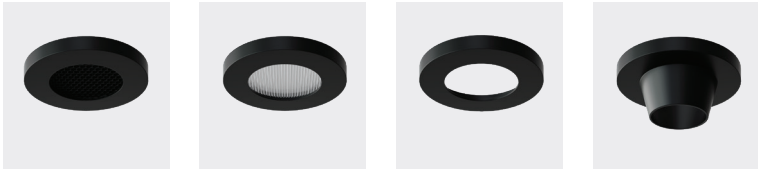
Moto-Spotify Square



		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
<div>CRI&gt;90 3000K</div> <div>High Efficacy</div>	Moto-Spotify 86	M5C1	MC42	6W	634 lm	16°/ 22° / 33°	D1 0-10V Dim	27 2700K
		M5C2					DA Dali Dim	30 3000K
	Moto-Spotify 100	M5C5	MC24	12W	1703 lm	18°/ 24° / 36°	DC CASAMBI	35 3500K
		M5C6					DX DMX	40 4000K
								T2 <sup>1</sup> 2700K - 6500K
								TI <sup>1</sup> 2700K - 5700K

<sup>1</sup> CCT Option **T2** available for code M5C5, M5C6. CCT Option **TI** available for code M5C1, M5C2. Please visit our website for detailed information.

Optical Accessories



Product / Optical Accessories	Honeycomb Louvre Colours 10, 11	Linear Spread Colours 10, 11	Flat Trim Colours 10, 11	Shoot Colours 10, 11
Moto-Spotify 86 Round	2H09	2H08	2H12	2H10
Moto-Spotify 100 Round	2E92	2E93	2H17	2E96



Product / Optical Accessories	Honeycomb Louvre Colours 10, 11	Linear Spread Colours 10, 11	Flat Trim Colours 10, 11
Moto-Spotify 86 Square	2H14	2H13	2H16
Moto-Spotify 100 Square	2E97	2E98	2H18



# Moto-Rino

with backlight

- 65 - Embossed matt black
- 10 - Black
- 54 - Embossed matt white
- 11 - White

Moto Rino backlight is the ultimate motorized recessed downlight for creating extraordinary accent and ambient lighting in different settings.

DC motors enable a remarkable range of movement making it an excellent lighting solution for restaurants and lifestyle boutiques.

Controlled by the intelligent CASAMBI™ app, customized color temperature, functional spotlight ambient light, and dim level can be recalled as desired.

For complete code ordering information, please see pages 103-105.

LED Sources:

High Efficacy

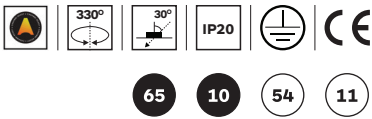
Accessories:

- Linear spread
- Honeycomb louvre

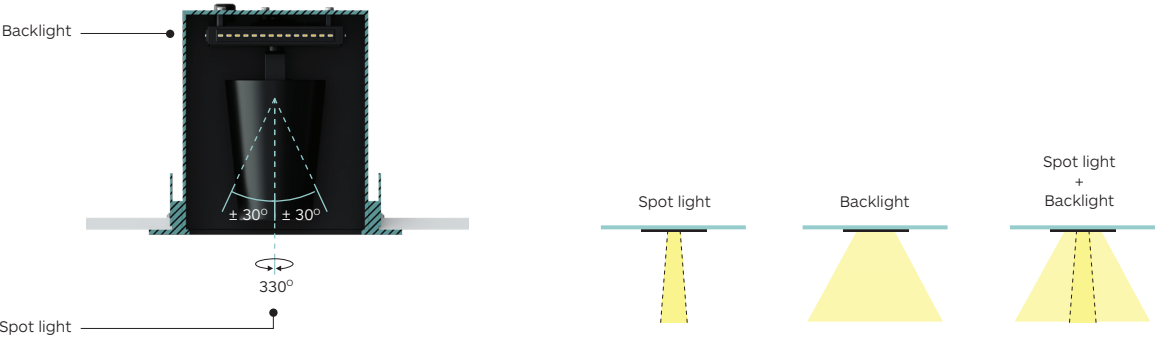
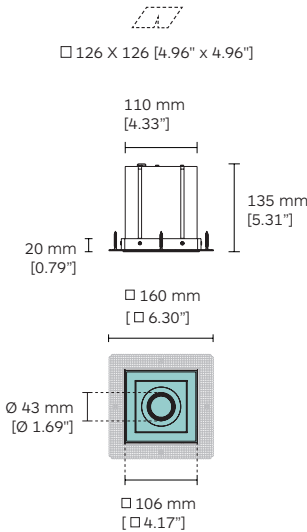
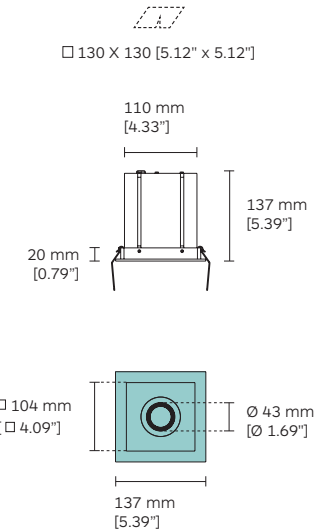
For more information see page 89.

# Moto-Rino

with backlight



- 65
- 10
- 54
- 11



	Product Code	Light Source Code	LED Power		Nominal Lumen		Beam Angle	Dimming Options	*CCT Options
			Spot	Backlight	Spot	Backlight			
			CRI>90	CRI>95	CRI>90	CRI>95			
			3000K	3000K	3000K	3000K			
Moto-Rino with backlight	M5B5 <input checked="" type="checkbox"/>	BC36	11W	/	1286 lm	/	18° / 26° / 36°	DC CASAMBI	27 2700K
	M5B6 <input type="checkbox"/>		/	4.8	/	739 lm		DX DMX	30 3000K
									35 3500K
									40 4000K

Please visit our website for detailed information.



# Moto-Rino

- 65 - Embossed matt black
- 10 - Black
- 54 - Embossed matt white
- 11 - White

Moto Rino, is the ultimate motorized recessed downlight designed to empower lighting designers with unlimited creative possibilities, DC motors enable a remarkable range of movement making it an excellent accent lighting solution for restaurants, and lifestyle boutiques.

Controlled by the intelligent CASAM-BI™ app, customized color temperature beam angle and dim level can be recalled as desired.

For complete code ordering information, please see pages 103-105.

LED Sources:

High Efficacy

Accessories:

- Linear spread
- Honeycomb louvre

For more information see page 89.



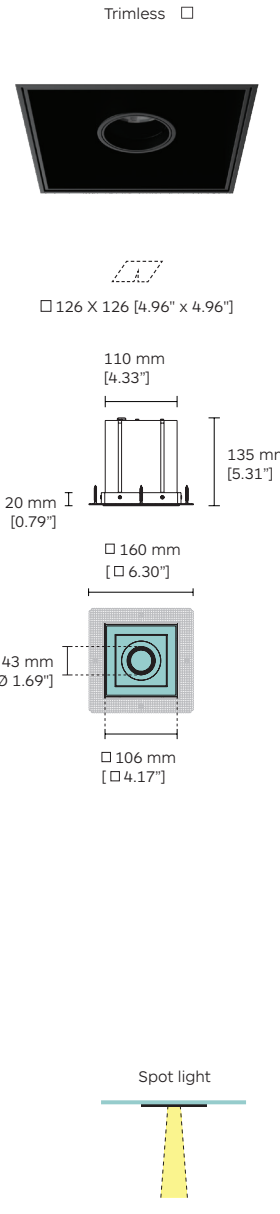
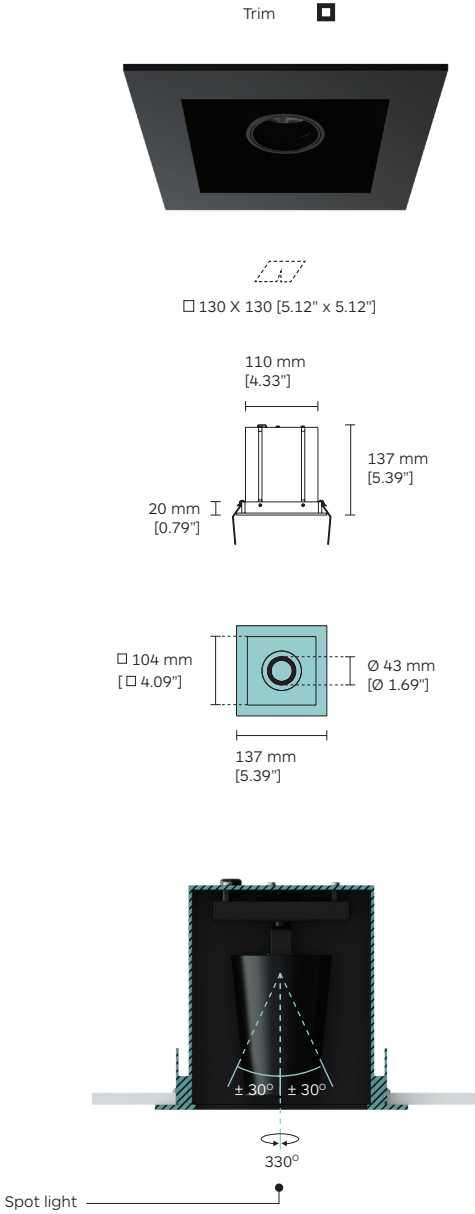
# Moto-Rino

65

10

54

11



		Product Code	Light Source Codes	LED Power	Nominal Lumen	Beam Angle	Dimming Options	*CCT Options
	Moto-Rino	<b>M5B3</b>	<b>BC36</b>	11W	1286 lm	<b>18° / 26° / 36°</b>	<b>DC</b> CASAMBI	<b>27</b> 2700K
		<b>M5B4</b>					<b>DA</b> Dali Dim	<b>30</b> 3000K
							<b>D1</b> 0-10V Dim	<b>35</b> 3500K
							<b>DX</b> DMX	<b>40</b> 4000K

Please visit our website for detailed information.



# Moto-Combo & Moto-Combo Zoom

- 65 - Embossed matt black
- 10 - Black
- 54 - Embossed matt white
- 11 - White
- 75 - Grey

Motorized round recessed luminaire with mounting trim, available in 2 sizes 136mm and 195mm. 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.

LED Sources:

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K, Tuneable White from 2700K - 5000K

Accessories:

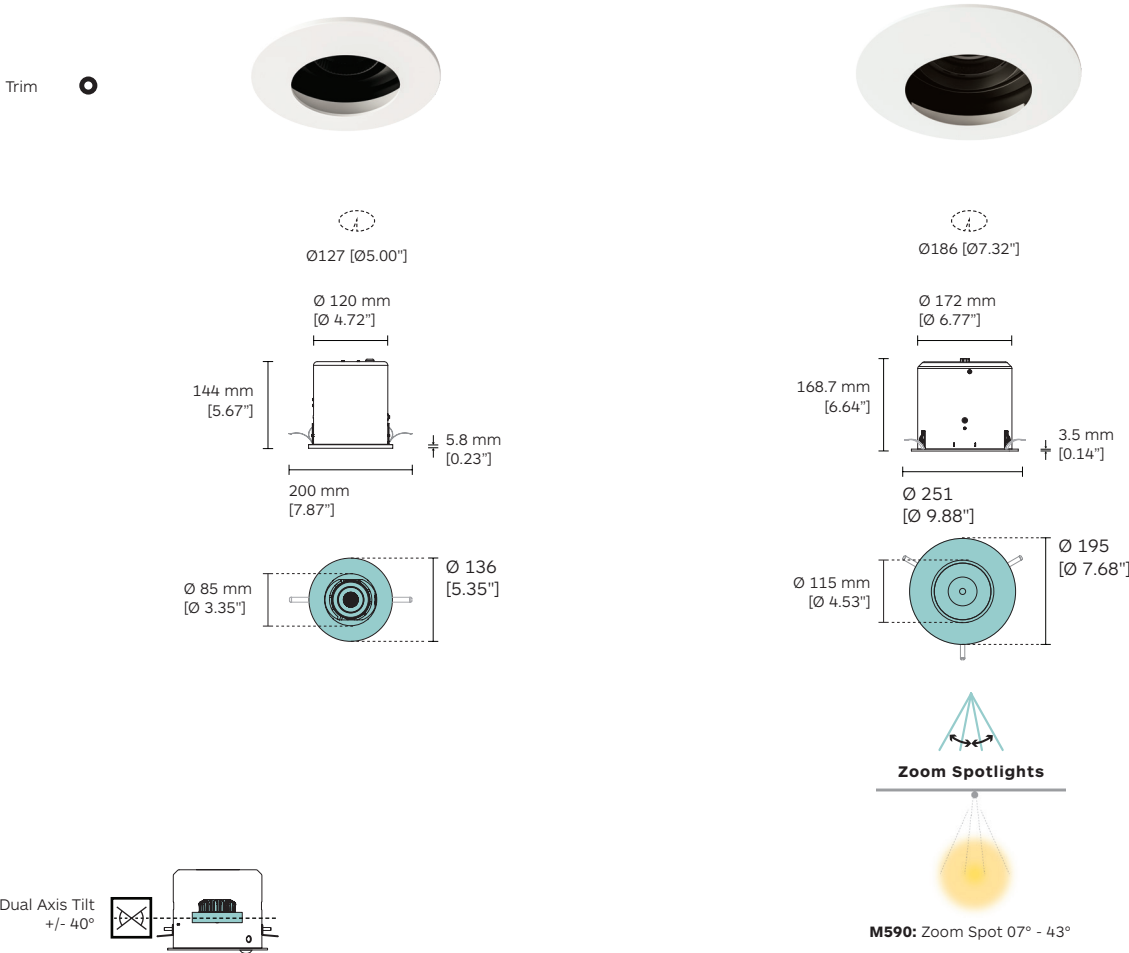
- Honeycomb louvre
- Linear spread
- Visor
- Snoot

For more information about accessories see page 89.

# Moto-Combo & Moto-Combo Zoom



M533 / M590



		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
CRI>90 3000K  High Efficacy	Moto-Combo 136	M592	○ MN21	10W	1227 lm	11° / 16° / 30°	DC CASAMBI	27 2700K
							DA Dali Dim	30 3000K
	Moto-Combo 195	M533	○ AC37	22W	2598 lm	15° / 24° / 38°	D1 0-10V Dim	35 3500K
			HR21	27W	2526 lm	07° / 21° / 36°	DX DMX	40 4000K
	Moto-Combo Zoom 195	M590	○ HN21	25W	2507 lm	BS (07° - 18°)	DC CASAMBI	T6 <sup>1</sup> 2700K - 5000K
			MC37	29W	3357 lm	BS (14° - 41°)		

<sup>1</sup> CCT Option T6 available for code M590 only.  
Please visit our website for detailed information.

BS: Beam Shaping.



# Moto-Colosseo

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.

LED Sources:

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K.

Accessories:

Honeycomb louvre.  
For more information about accessories see page 89.

- 65 - Embossed matt black
- 10 - Black
- 54 - Embossed matt white
- 11 - White

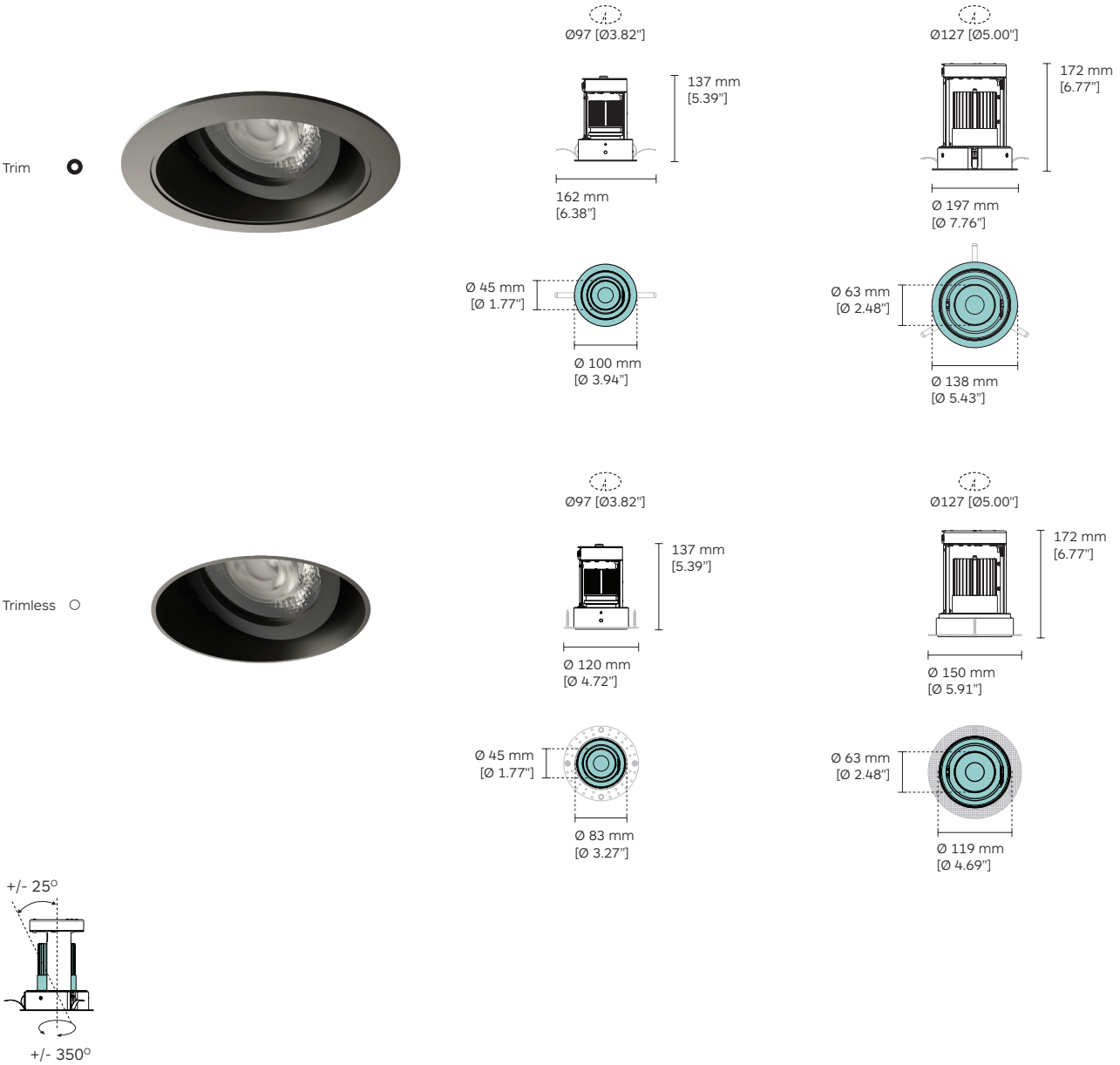
# Moto-Colosseo

65

10

54

11



		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	*CCT Options
<div>CRI&gt;90 3000K High Efficacy</div>	Moto-Colosseo 90	M588	MC36	13W	1464 lm	12° / 24° / 32°	DA Dali Dim	27 2700K
		M578					DP Phase Dim	30 3000K
	Moto-Colosseo 120	M579	MC39	22W	2415 lm	12° / 18° / 32°	DC CASAMBI	35 3500K
		M589					D1 0-10V Dim	40 4000K
							DX DMX	

Please visit our website for detailed information.



# Moto-Gimbalo

Moto- Gimbalo is available in 2 different sizes: 60mm and 130mm. The luminaire includes brackets for installation on ceiling thickness max. 25 mm.

Two remote controlled DC motors drive the movements of the fixture. Moto-Gimbalo 60: tiltable 0-40° in two directions and rotatable 350°; Moto-Gimbalo 130: 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.

LED Sources:

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K, Tuneable White from 2700K - 5000K

Accessories:

- Linear spread
- Honeycomb louvre
- Snoot
- Visor

For more information about accessories see page 89.

- 65

- Embossed matt black
- 10

- Black
- 54

- Embossed matt white
- 11

- White
- 75

- Grey



# Moto-Gimbalo & Moto-Gimbalo Zoom

65

10

54

11

75

ZOOM

Trim

Ø94 [Ø3.70"]

Ø175 [Ø6.89"]

Ø175 [Ø6.89"]

Ø100 [Ø3.94"]

Ø175 [Ø6.89"]

Ø175 [Ø6.89"]

Ø104.5 mm [Ø 4.11"]

Ø 187 mm [Ø 7.36"]

Ø 104.5 mm [Ø 4.11"]

Ø 172 mm [Ø 6.77"]

Ø 172 mm [Ø 6.77"]

Zoom Spotlights

Zoom Spot 7° - 42°

		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
<div>CRI&gt;90 3000K</div> <div>High Efficacy</div>	Moto - Gimbalo 60	M516	● MC24	8W	1248 lm	18° / 24° / 36°	DC CASAMBI	27 2700K
		M517	○				DA Dali Dim	30 3000K
	Moto - Gimbalo 130	M514	● MC37	33W	3726 lm	12° / 22° / 32°	D1 0-10V Dim	35 3500K
		M515	○ LC37	25W	2985 lm	12° / 27° / 55°	DX DMX	40 4000K
			MR21	19W	1948 lm	07° / 21° / 36°		T6 <sup>1</sup> 2700K - 5000K
	Moto - Gimbalo Zoom 130	M580	● HN21	25W	2507 lm	BS (07° - 18°)	DC CASAMBI	
		M581	○ MC37	29W	3357 lm	BS (14° - 42°)		

<sup>1</sup> CCT Option T6 available for code M580, M581.  
Please visit our website for detailed information.

BS: Beam Shaping.



# Moto-Multi Gimbalo

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

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

LED Sources:

High Efficacy:  
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K.

Accessories:

- Linear spread
- Honeycomb louvre
- Snoot
- Visor

For more information about accessories see page 89.

- 65

- Embossed matt black
- 10

- Black
- 54

- Embossed matt white
- 11

- White
- 75

- Grey

# Moto-Multi Gimbalo 60

Single, Double & Triple

65

10

54

11

75

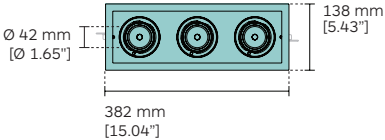
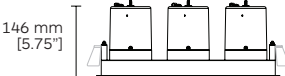
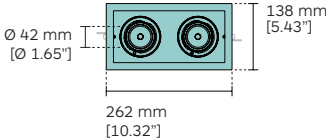
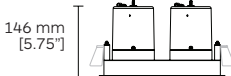
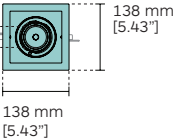
Trim



□ 129 [5.08"]

129 X 249 [5.08" x 9.80"]

129 X 369 [5.08" x 14.53"]



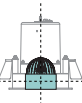
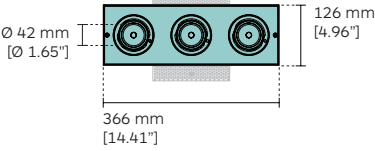
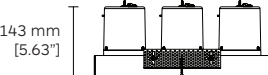
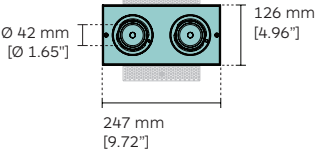
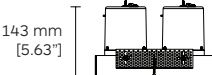
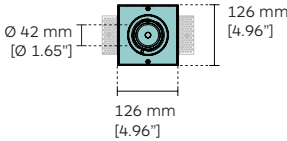
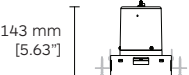
Trimless



□ 129 [5.08"]

129 X 249 [5.08" x 9.80"]

129 X 369 [5.08" x 14.53"]



Dual Axis Tilt  
+/- 25°

+/- 350°

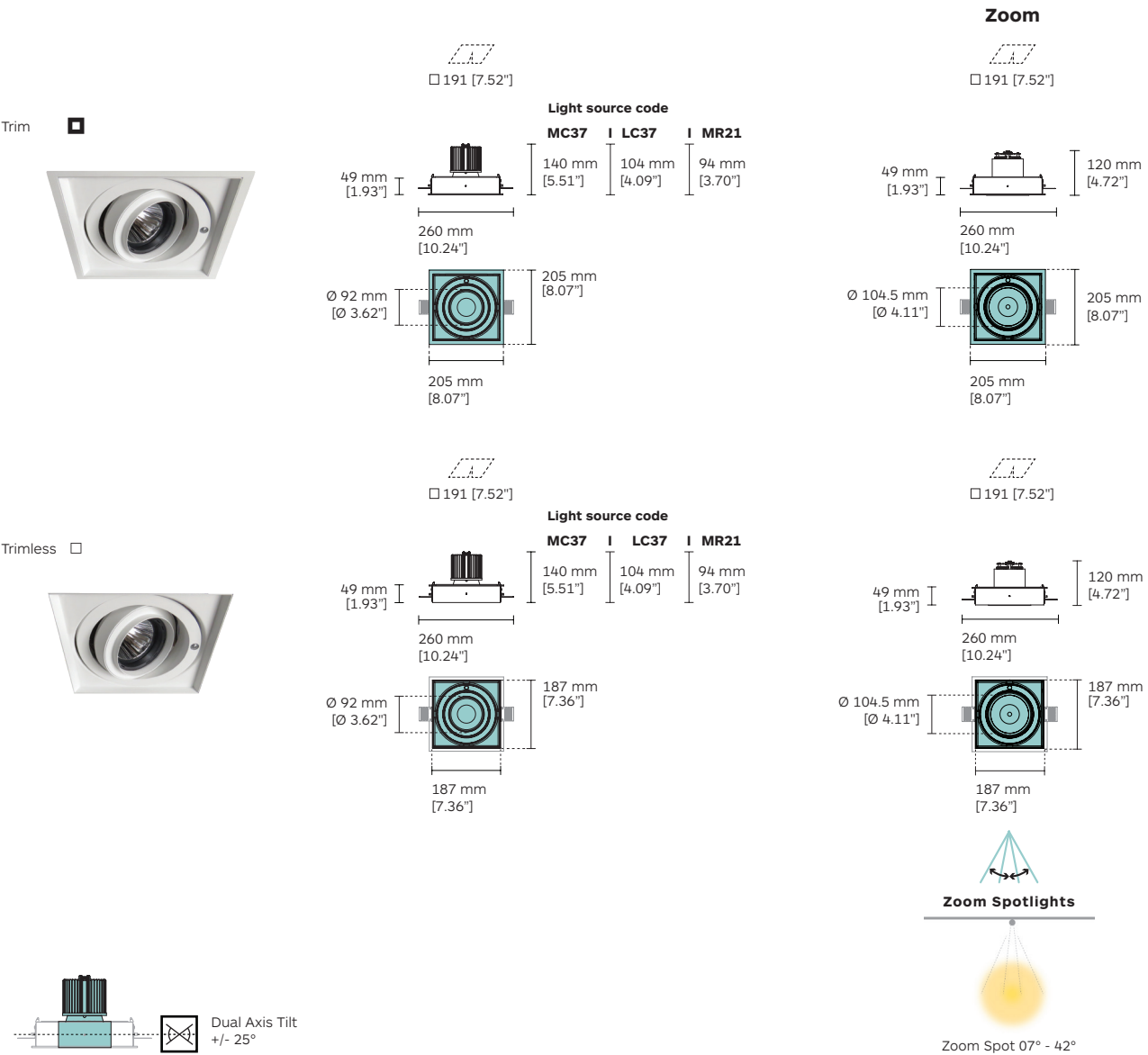
		Product Code		Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
<div>CRI&gt;90 3000K</div> <div>High Efficacy</div>	Moto - Multi Gimbalo 60 Single	M534  x1		MC24	8W	1248 lm	18° / 24° / 36°	DC CASAMBI	27 2700K
		M536						DA Dali Dim	30 3000K
	Moto - Multi Gimbalo 60 Double	M538  x2		MC24	2x8W	2496 lm	18° / 24° / 36°	D1 0-10V Dim	35 3500K
		M540						DX DMX	40 4000K
	Moto - Multi Gimbalo 60 Triple	M542  x3		MC24	3x8W	3744 lm	18° / 24° / 36°		
		M544							

Please visit our website for detailed information.



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

Single



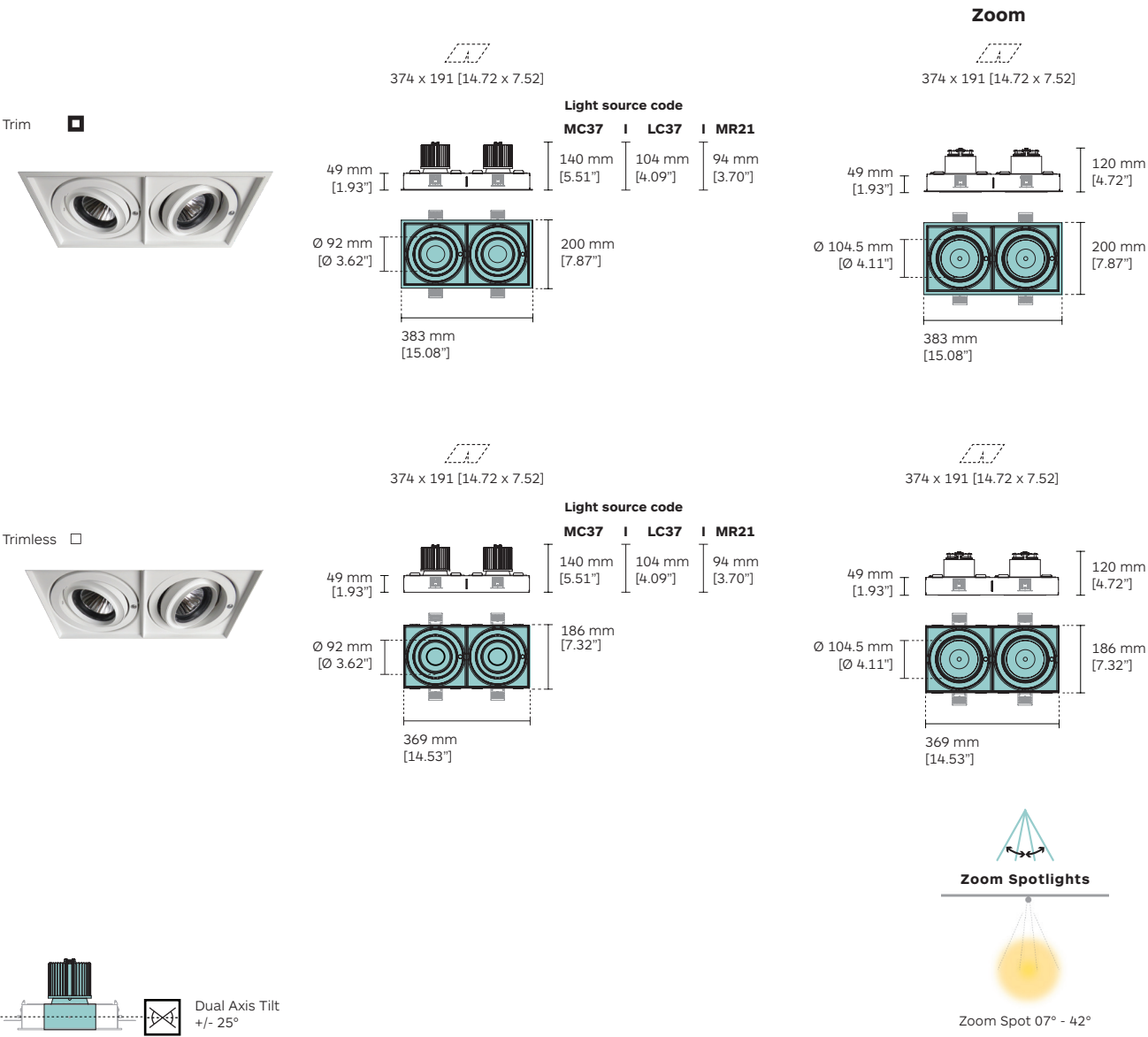
		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	*CCT Options
<div>CRI&gt;90 3000K</div> <div>High Efficacy</div>	Moto - Multi Gimbalo 130 Single	M501	MC37	33W	3726 lm	12° / 22° / 32°	DC CASAMBI	27 2700K
		M502	LC37	25W	2985 lm	12° / 27° / 55°	DA Dali Dim	30 3000K
			MR21	18W	1948 lm	07° / 21° / 36°	D1 0-10V Dim	35 3500K
							DX DMX	40 4000K
	Moto - Multi Gimbalo Zoom 130 Single	M582	HN21	25W	2507 lm	BS (07° - 18°)	DC CASAMBI	T6 <sup>1</sup> 2700K - 5000K
		M583	MC37	29W	3357 lm	BS (14° - 42°)		

<sup>1</sup> CCT Option **T6** available for code M582, M583. Please visit our website for detailed information.

BS: Beam Shaping.

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

Double



		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	*CCT Options
<div>CRI&gt;90 3000K</div> <div>High Efficacy</div>	Moto - Multi Gimbalo 130 Double	M503	MC37	2x33W	7452 lm	12° / 22° / 32°	DC CASAMBI	27 2700K
		M504	LC37	2x25W	5970 lm	12° / 27° / 55°	DA Dali Dim	30 3000K
			MR21	2x18W	3896 lm	07° / 21° / 36°	D1 0-10V Dim	35 3500K
							DX DMX	40 4000K
	Moto - Multi Gimbalo Zoom 130 Double	M584	HN21	2x25W	5014 lm	BS (07° - 18°)	DC CASAMBI	T6 <sup>1</sup> 2700K - 5000K
		M585	MC37	2x29W	6714 lm	BS (14° - 42°)		

<sup>1</sup> CCT Option **T6** available for code M584, M585. Please visit our website for detailed information.

BS: Beam Shaping.



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

Triple



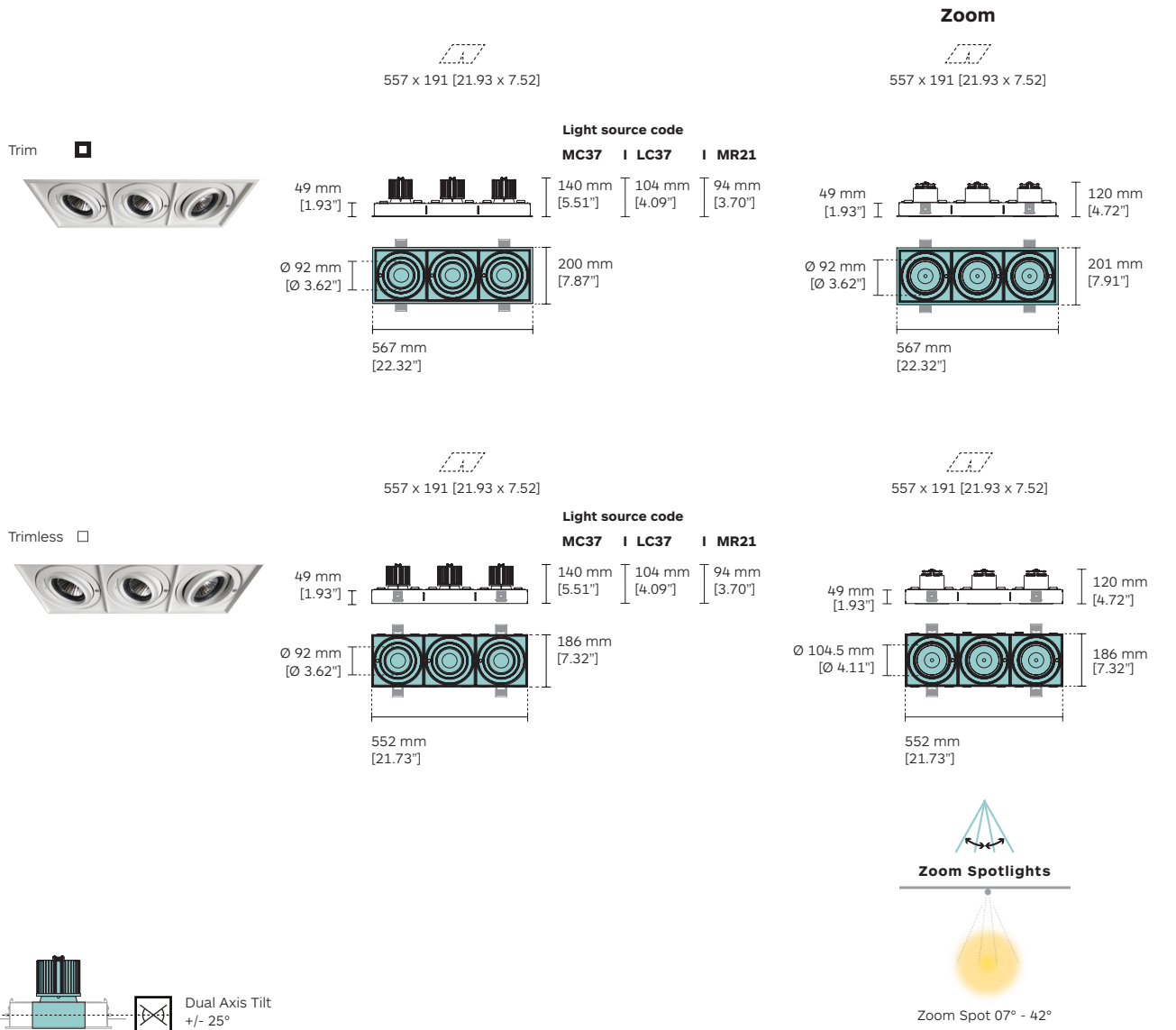
65

10

54

11

75







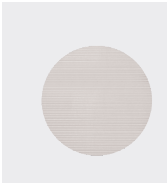
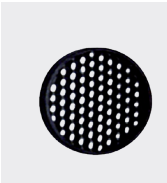




# **Optical Accessories Track Systems**









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-Rino	2598	2334	/	/	/
	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	/

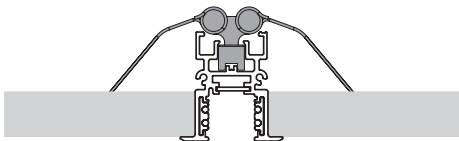
		
Product / Optical Accessories		Glare Shield Colours 10, 11 Available in 3 lengths. L: 486mm / 966mm / 1386mm
Linear	Moto-Fronteluce Pro	2H35



# EVO 48V Track System Options

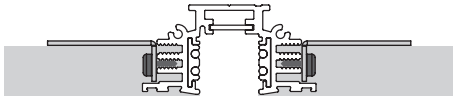
## Recessed Trim Track

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



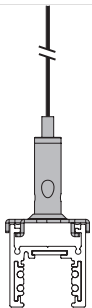
## Recessed Trimless Track

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

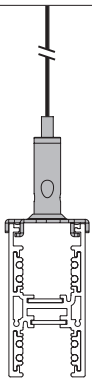


## Pendant Track

2ST6 +  
Pendant  
Kits  
Art.9226

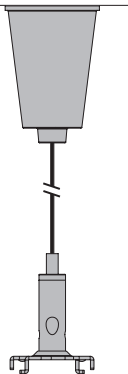


2ST7 +  
Pendant  
Kits  
Art.9226



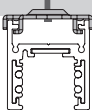
## Pendant Kit

Pendant  
Kit  
Art. 9226



## Surface Track

2ST6 +  
Surface  
Kits  
Art.9225



2ST1

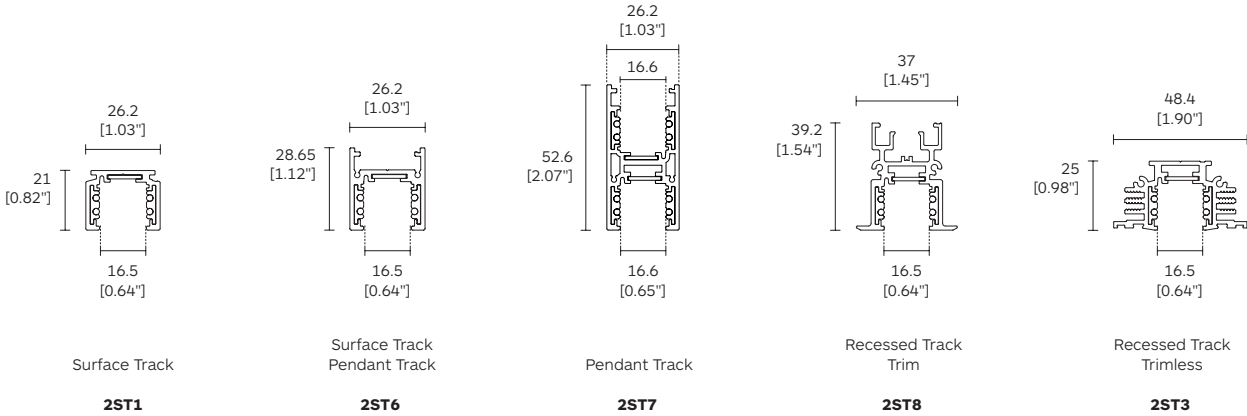


## Surface Kit



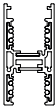


Surface  
Kit  
Art. 9225



# EVO 48V Track Profiles



# Compatibility

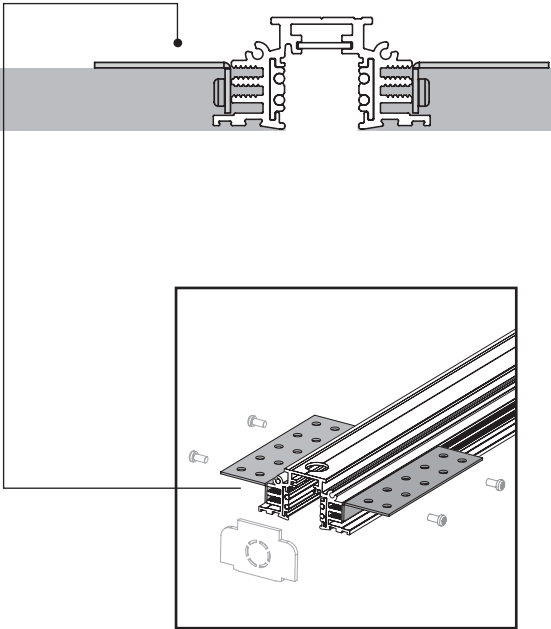
					
Track Options/ Product name	Surface Track 2ST1	Surface Track Pendant Track 2ST6	Pendant Track 2ST7	Recessed Track Trim 2ST8	Recessed Track Trimless 2ST3
Moto-Zero	✓	✓	<input type="checkbox"/> Up <input checked="" type="checkbox"/> Down	✓	✓
Moto-Zero Zoom	✓	✓	<input type="checkbox"/> Up <input checked="" type="checkbox"/> Down	✓	✓

All dimensions in the catalogue in mm & [ inches ].

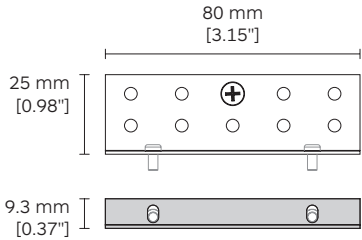


# Installation Components

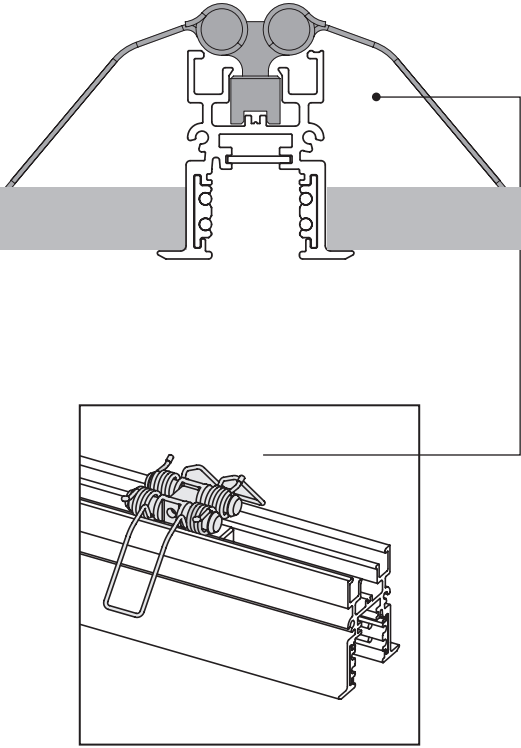
**2ST3**  
**Recessed Trimless Track**



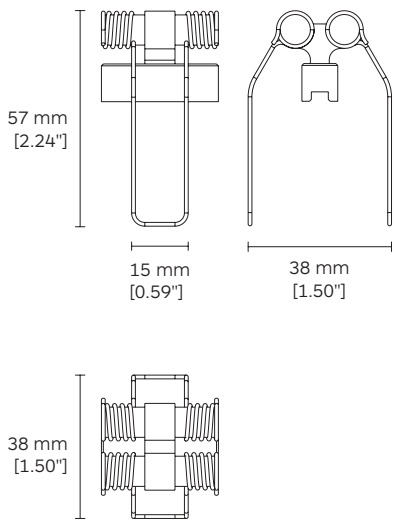
Bracket for 2ST3 Trimless Track  
**Art. 9201**



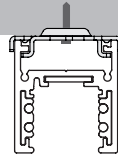
**2ST8**  
**Recessed Trim Track**



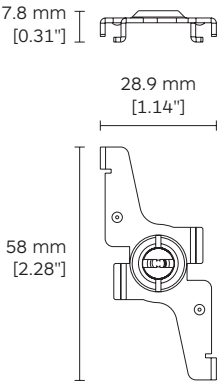
Bracket with Spring for 2ST8  
**Art. 9202**



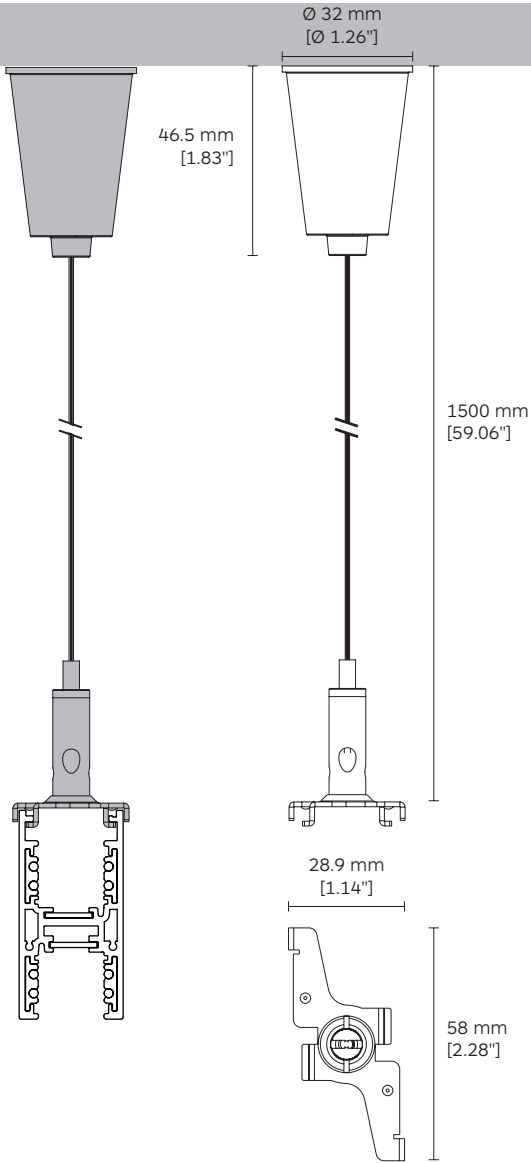
**Surface**  
**Track**



Clamp  
**Art. 9225**



**Pendant**  
**Track**



Clamp with wire Hanger  
**Art. 9226**

All dimensions in the catalogue in mm & [ inches ].

All dimensions in the catalogue in mm & [ inches ].



# Accessories

<b>9201</b>	Trimless Bracket (For 2ST3)	 80 [3.15"] 25 [0.98"] 9.3 [0.37"]
<b>9202</b>	Bracket with spring (For 2ST8)	 57 [2.24"] 38 [1.50"] 15 [0.59"] 38 [1.50"]
<b>9203</b>	Track suspension rod accessories (for 2ST8)	 40 [1.57"] 50 [1.97"] 56 [2.20"] 81 [3.19"] 30 [1.18"] 23 [0.91"]
<b>9205</b>	L feed with shell	 99.3 [3.91"] 35 [1.38"] 35 [1.38"] 99.3 [3.91"] 21.2 [0.83"] 16.8
<b>9206</b>	Internal L feed in polarized version	 94 [3.70"] 17 [0.67"] 94 [3.70"] 16 [0.63"]
<b>9208</b>	Short jointing connector in polarized version	 143 [5.63"] 17 [0.67"] 16 [0.63"] 17 [0.67"]
<b>9210</b>	Adjustable corner in polarized version	 145 [5.71"] 145 [5.71"] 18.5 [0.73"] 16.3 [0.64"] 18.5 [0.73"]
<b>9212</b>	End feed in polarized version (Left)	 16.2 [0.64"] 18.3 [0.72"]
<b>9213</b>	End feed in polarized version (Right)	 16.2 [0.64"] 19 [0.75"]
<b>9215</b>	L Bracket for angles	 65 [2.56"] 22.2 [0.87"] 22.2 [0.87"] 4.5 [0.18"]
<b>9216</b>	End Cap (For 2ST1)	
<b>9217</b>	End Cap with Hole (For 2ST1)	 26.5 [1.04"] 6.8 [0.27"] Ø 10 [Ø 0.39"] 6.8 [0.27"] 21.3 [0.84"] 6.8 [0.27"] 26.5 [1.04"]

All dimensions in the catalogue in mm & [ inches ].

# Accessories

<b>9220</b>	End Cap (For 2ST3)	 22.32 [0.88"] 2 [0.08"] 25 [0.98"] 6.5 [0.26"] 40 [1.57"]
<b>9221</b>	End Cap (For 2ST6)	
<b>9222</b>	End Cap with Hole (For 2ST6)	 26.5 [1.04"] Ø 10 [Ø 0.39"] 21.3 [0.84"] 6.8 [0.27"] 26.5 [1.04"] 21.3 [0.84"] 6.8 [0.27"]
<b>9223</b>	End Cap (For 2ST8)	 26.2 [1.03"] 27 [1.06"] 20.2 [0.80"] 10 [0.39"] 37 [1.45"] 1.5 [0.06"] 8.5 [0.33"]
<b>9225</b>	Clamp	 7.8 [0.30"] 58 [2.28"] 28.9 [1.13"]
<b>9226</b>	Clamp with wire hanger	 Ø 32 [Ø 1.25"] 1500 [59.05"] 46.5 [1.83"] 58 [2.28"]
<b>9227</b>	Reinforcing bracket for jointing connector	 80 [3.14"] 13.5 [0.53"] 8.5 [0.33"] 4 [0.15"]
<b>9230</b>	End Cap (For 2ST7)	 26.5 [1.04"] 5.7 [0.22"] 52.8 [2.07"] 6.6 [0.25"]
<b>9231</b>	Cover for L joint (For 2ST6)	 40 [1.57"] 28.5 [1.12"] 73.5 [2.89"] 40 [1.57"] 73.5 [2.89"]
<b>9234</b>	Bracket for jointing connector	 81 [3.18"] 6 [0.23"] 22.6 [0.88"] 6 [0.23"] 12 [0.47"]
<b>9265</b>	Wire hanger (for 2ST1)	 Ø 32 [Ø 1.25"] 1500 [59.05"] 47 [1.85"] 42 [1.65"] 40 [1.57"] 26.5 [1.04"]

All dimensions in the catalogue in mm & [ inches ].



# Accessories

**9266** Wire hanger (for 2pcs 2ST1)

Ø 32 [Ø 1.25"]  
1500 [59.05"]  
47 [1.85"]  
42 [1.65"]  
81 [3.18"]  
27 [1.06"]

**9278** Straight connector with wire hanger

1500 [59.05"]  
46.5 [1.83"]  
38.9 [1.53"]  
100 [3.93"]  
22.6 [0.88"]

**9279** Straight connector with wire hanger

Ø 32 [Ø 1.25"]  
1500 [59.05"]  
46.5 [1.83"]  
38.9 [1.53"]  
40 [1.57"]  
22.6 [0.88"]

**9280** L connector (For 2ST7)

60 [2.36"]  
60 [2.36"]  
11.5 [0.45"]  
2 [0.07"]

**9281** Straight connector (For 2ST7)

11.5 [0.45"]  
2 [0.07"]  
100 [3.93"]

**9285** Cover for L joint (For 2ST7)

40 [1.57"]  
52.5 [2.06"]  
11 [0.43"]  
73.5 [2.89"]  
40 [1.57"]  
73.5 [2.89"]

**2G45N** Narrow width cover

4.8 [0.18"]  
17.6 [0.69"]

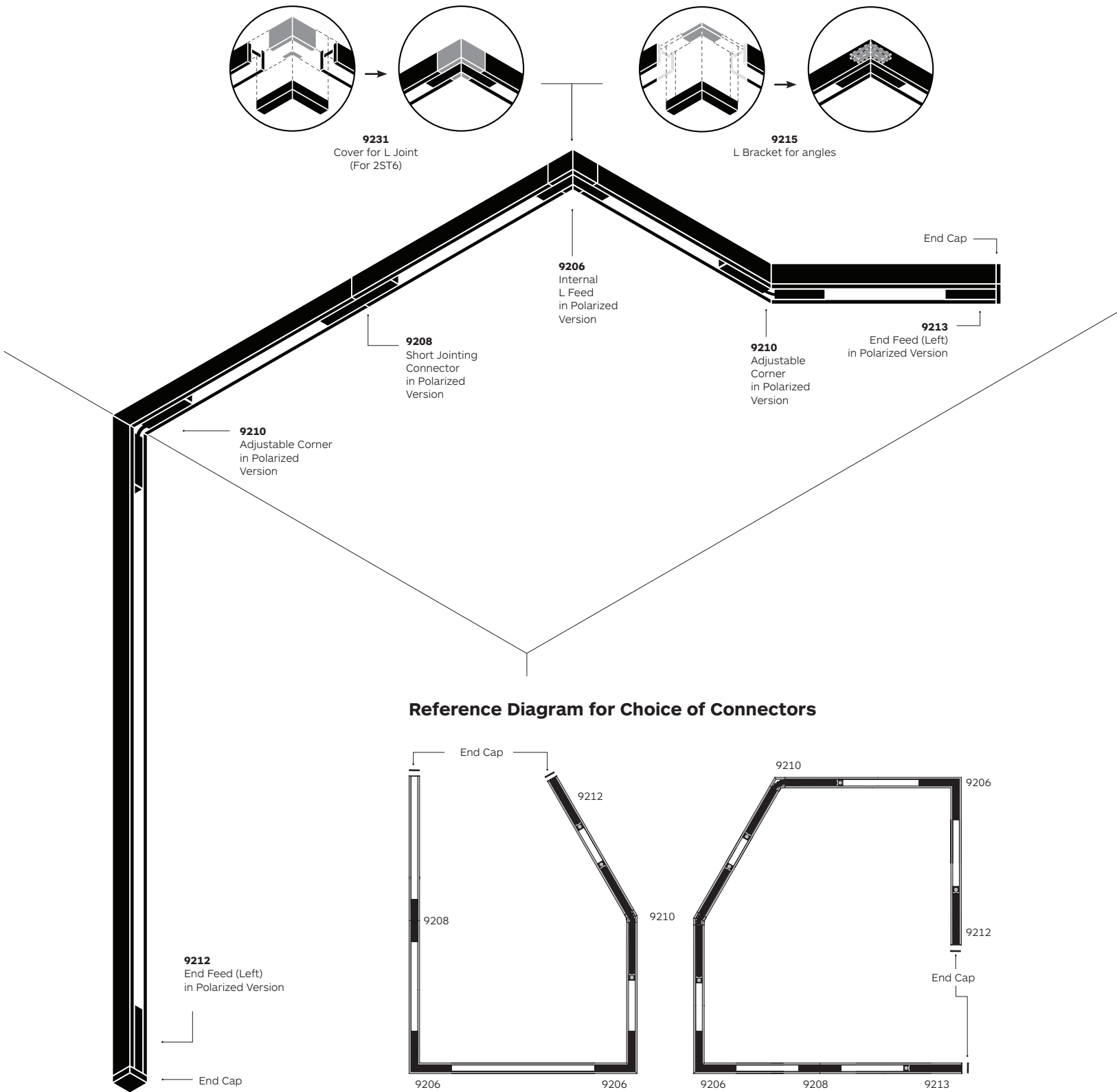
**2G45W** Wide width cover

4.8 [0.18"]  
25 [0.98"]

**2G54** L Angle connector






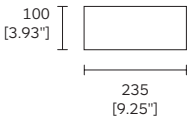
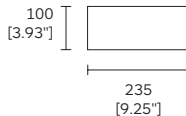
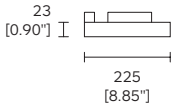
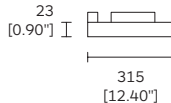
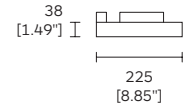
60 [2.36"]  
60 [2.36"]  
13.5 [0.53"]  
2 [0.07"]

All dimensions in the catalogue in mm & [ inches ].

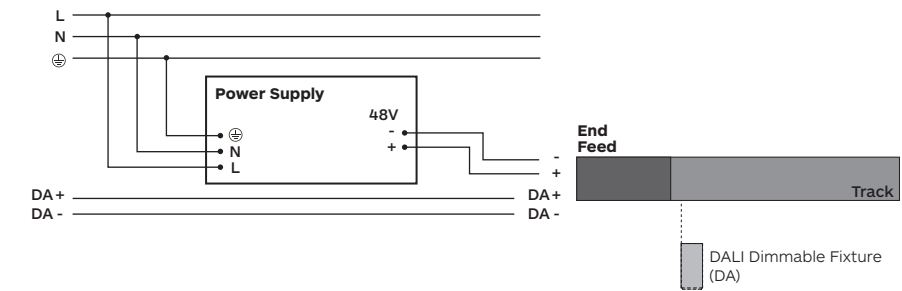


# Power Supply & Control Options

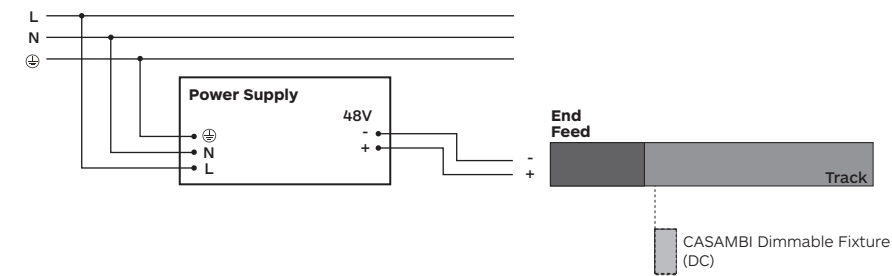
## Power Supply

					
	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 [3.93" x 9.25" x 1.22"]	100 x 235 x 31 [3.93" x 9.25" x 1.22"]	23 x 225 [0.90 x 8.85]	23 x 315 [0.90 x 12.40]	38 x 225 [1.49 x 8.85]
					

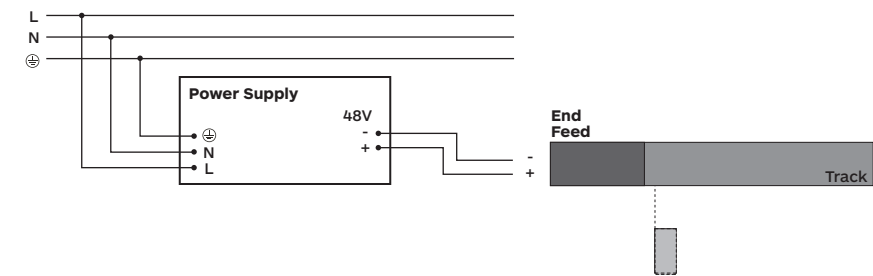
### Universal DALI



### Bluetooth wireless Control



### Fixed Output



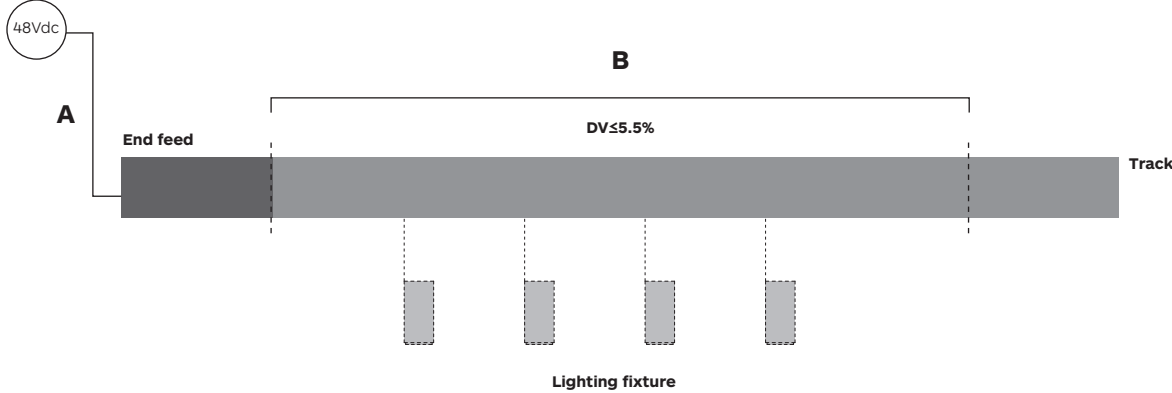
All dimensions in the catalogue in mm & [ inches ].

# Drop Voltage Table

Power Supply (W)	A Distance power supply/feed unit (2x1.5mm²)			
	5m	10m	20m	30m
	B Track Length with Δv≤5.5% (m)			
	(m)	(m)	(m)	(m)
	60	50	50	50
	100	50	50	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 lenght in the table.

### Remote Power Supply

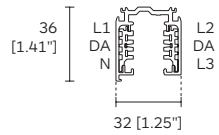




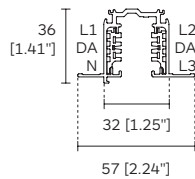
# Eurotype Track System with Dali Support



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



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

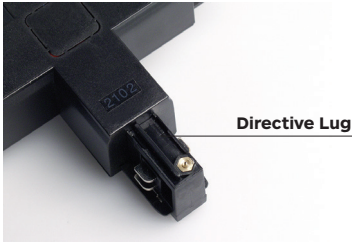
## Features

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.

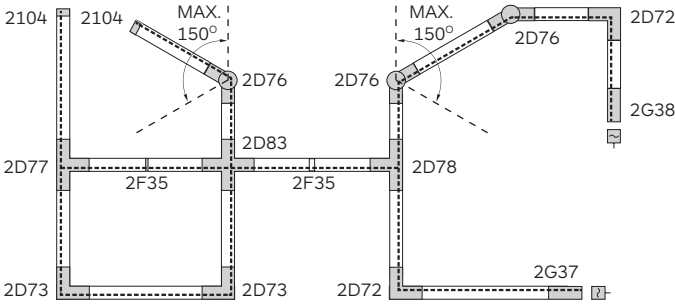
Equipped with three separately controllable current circuits.

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

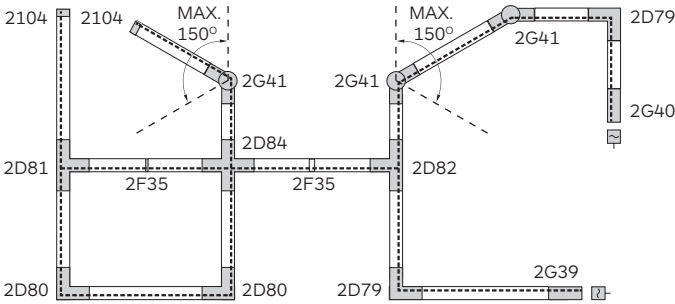


- The drawing is Reflected Ceiling View.
- Directive Lug on the back of connectors.

Reference Diagram for Choice of Connectors (Surface Mounted Track)



Reference Diagram for Choice of Connectors (Flanged Recessed Track)



All dimensions in the catalogue in mm & [ inches ].

# Installation Components

- Black 10 White 11 \*Grey 75

**2105\*** Mechanical Coupler

**2106\*** Ceiling Bracket

**2108\*** Wire Hanger

## Accessories

- Black 10 White 11

**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

**2105** Concealed Connector

**2104** End Cap

























All dimensions in the catalogue in mm & [ inches ].

\* Finish **75** available for codes 2105, 2106 & 2108.

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



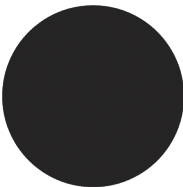





Symbols & Icons

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 conductions element are protected by additional isolation. The isolation of an earth wire it is not necessary and the connection to it is not allowed.	
CLASS III Luminaires of isolation Class III - designed for operation of protected low voltage supplied (>42V).	
Passes the 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	

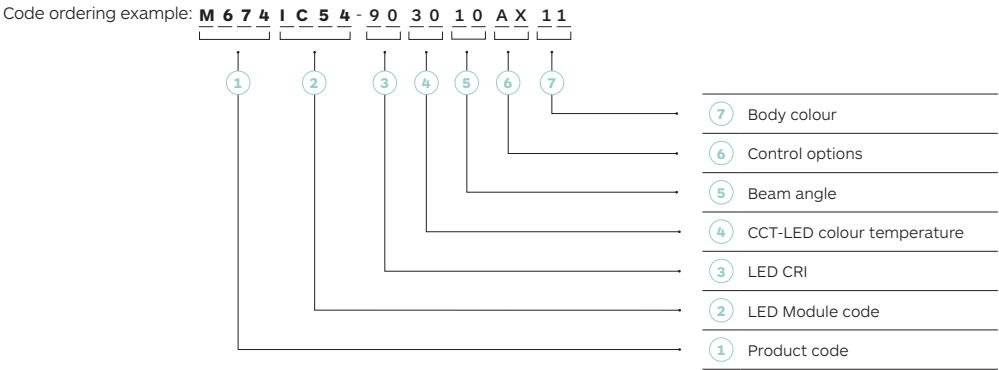
IP\_\_ Degree of Ingress Protection

1st Number	Protection Against Dust and Solid Objects	2nd Number	Protection Against Moisture and Liquids
0	No-Protection	0	No-Protection
1	Protection agains solid objects >50 mm	1	Protection against dripping water
2	Protection agains solid objects >12 mm	2	Protection against dripping water tilted > 15 deg
3	Protection agains solid objects >2.5 mm	3	Protection against spraying water > 30 deg
4	Protection agains 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

Body Color

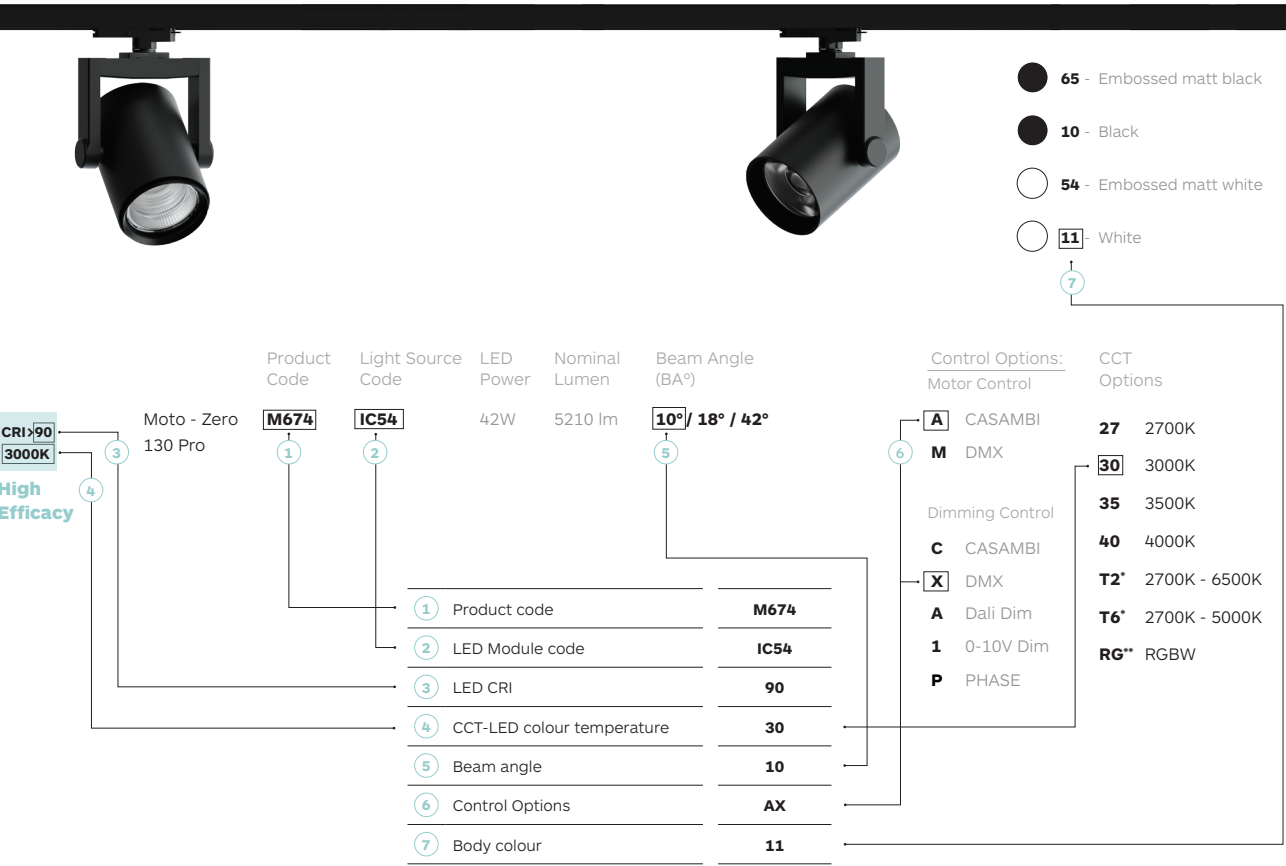
	
10 Black (RAL 9004)	65 Embossed matt black (RAL 9017)
	
11 White (RAL 9003)	54 Embossed matt white (RAL 9016)
	
75 Grey	35 Gold

Code System for MOTOLUX PRO

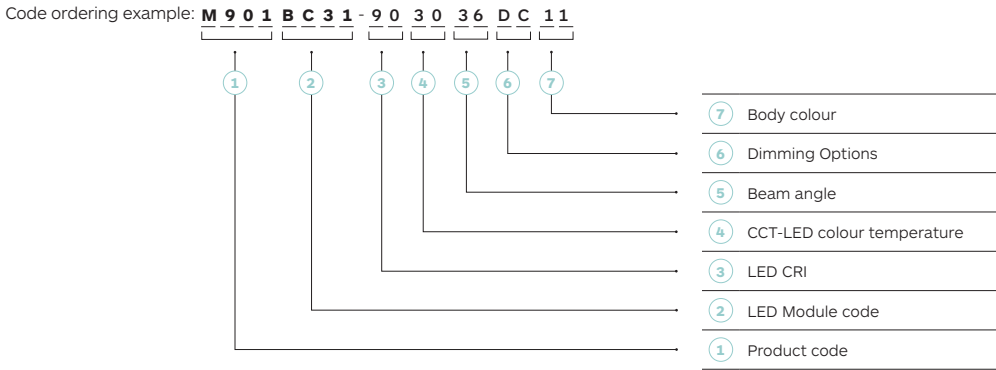


LED CRI	CCT-LED Colour temperature	Control Options:	Body Colour
90 CRI > 90	27 Warm White 2700K 30 Warm White 3000K 35 Warm White 3500K 40 Warm White 4000K RG RGBW T2 2700K - 6500K T6 2700K - 5000K	<b>Motor Options</b> A CASAMBI M DMX <b>Dimming Options</b> A Dali Dim C CASAMBI P PHASE X DMX 1 0-10V Dim	10 Black (RAL 9004) 11 White (RAL 9003) 54 Embossed matt white 65 Embossed matt black 75 Grey

How to order

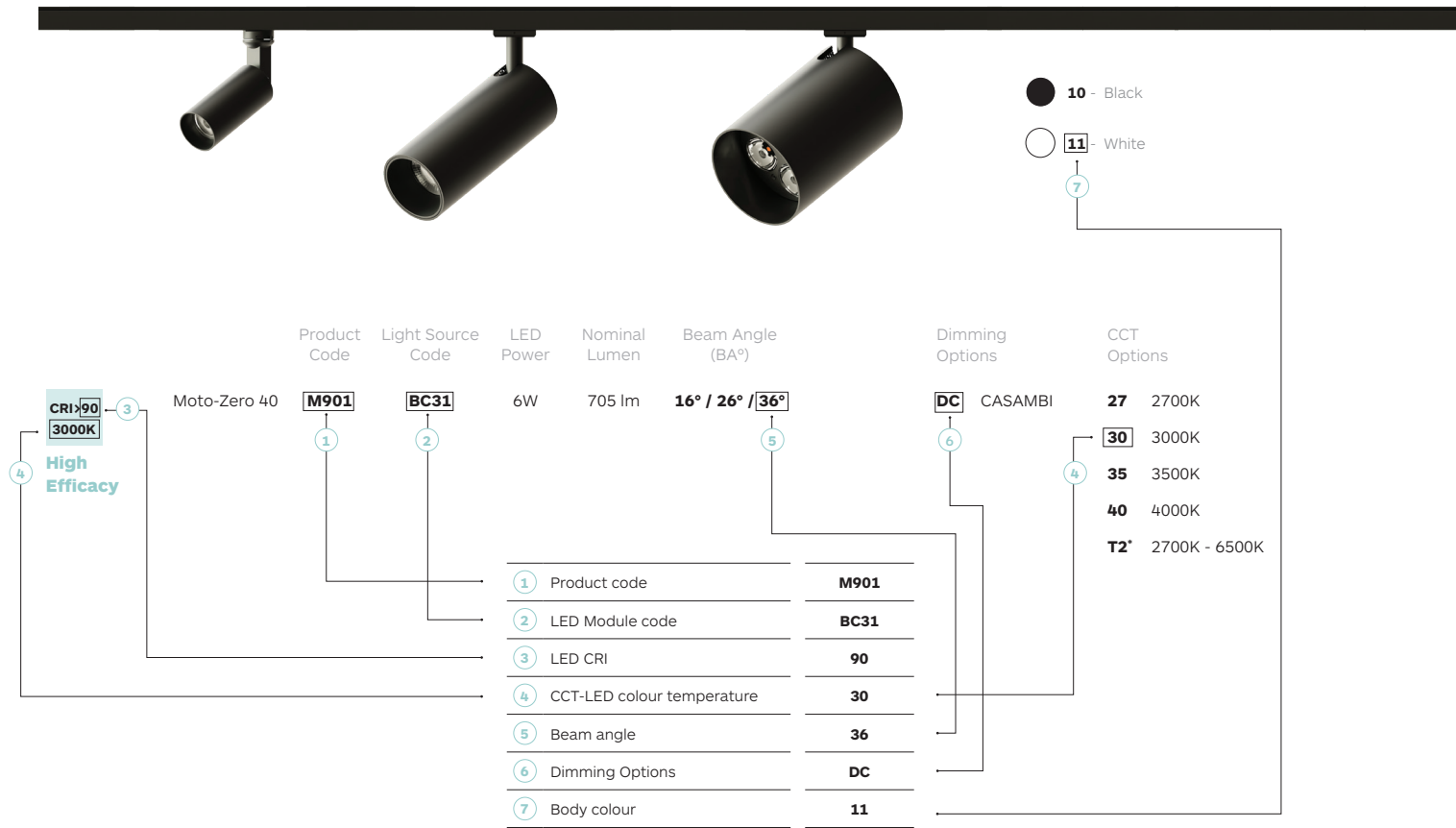


# Code System for Standard MOTOLUX Products

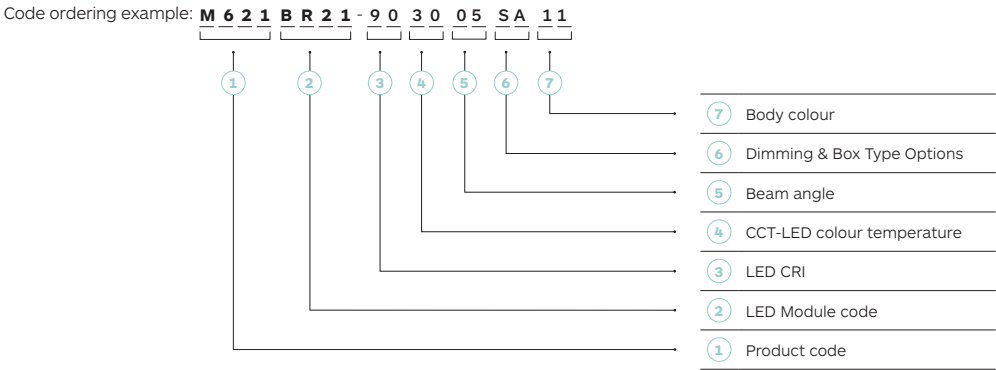


LED CRI	CCT-LED Colour temperature	Dimming Options	Body Colour
90 CRI > 90	27 Warm White 2700K	DA Dali Dim	10 Black (RAL 9004)
95 CRI > 95	30 Warm White 3000K	DC CASAMBI	11 White (RAL 9003)
	35 Warm White 3500K	DP Phase Dim	35 Gold
	40 Warm White 4000K	DS Scene by CASAMBI	54 Embossed matt white
	FS Full Spectrum	DP Phase Dim	65 Embossed matt black
	T2 2700K - 6500K	DX DMX	75 Grey
	T6 2700K - 5000K		

## How to order

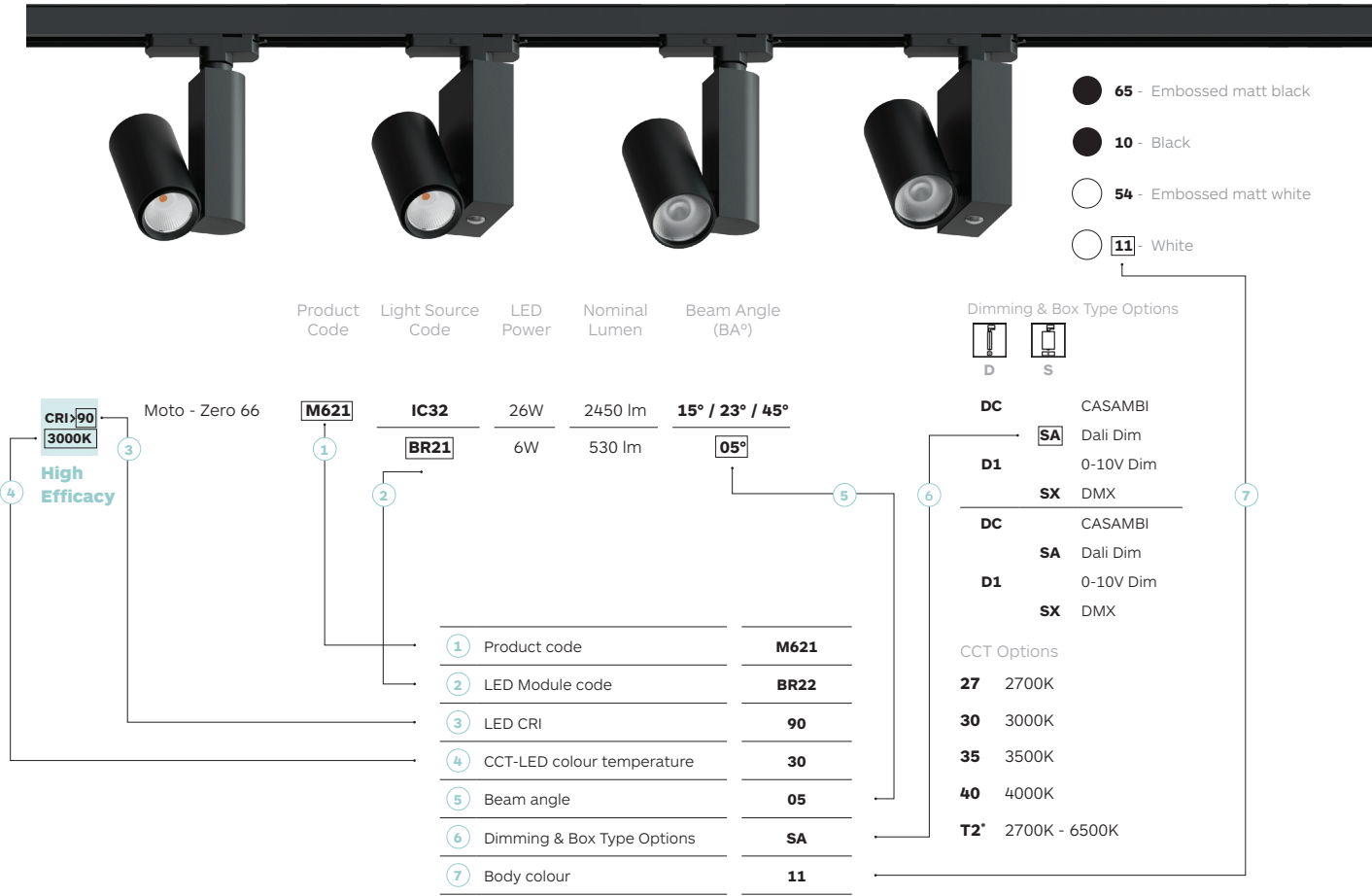


# Code System for products with Box Type Options



LED CRI	CCT-LED Colour temperature	Dimming Options:	Body Colour
90 CRI > 90	27 Warm White 2700K	Box Type D CASAMBI, Box Type S Dali Dim	10 Black (RAL 9004)
	30 Warm White 3000K	DA CASAMBI, SA Dali Dim	11 White (RAL 9003)
	35 Warm White 3500K	DC CASAMBI, SC CASAMBI	54 Embossed matt white
	40 Warm White 4000K	DX DMX, SX DMX	65 Embossed matt black
	RG RGB	D1 0-10V Dim	
	T2 2700K - 6500K		

## How to order





# 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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