

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

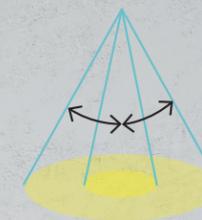


Moto-Combo **Zoom** 195 PRO

P. 40



Ø 195



Moto-Gimbalo PR



Moto-Zero 130 PRO

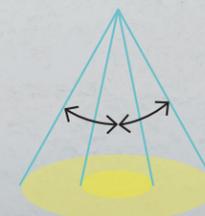
P. 42



Ø 130

Moto-Zero **Zoom** 130 PRO

P. 42



Moto-Zero

EVO Track & Main Voltage Track

Moto-Zero 40, 68 & 100

P. 50

EVO Track
26.2

Moto-Zero **Zoom** 40 & 80

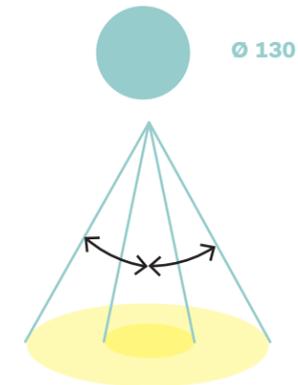
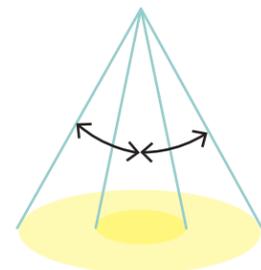
P. 52



Eurotype Track

Moto-Zero 66, 100 & 130
Moto-Zero **Zoom 66**

P. 60 - 63



Moto-Zero **Zoom 130**

P. 58

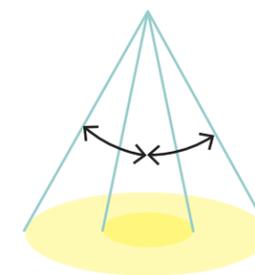
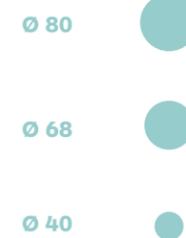
Moto-Zero Compasso

Main Voltage Track

Eurotype Track
36
32

Moto-Zero Compasso 40, 68 & 100

P. 57



Moto-Zero Compasso **Zoom** 40, 68 & 80

P. 58

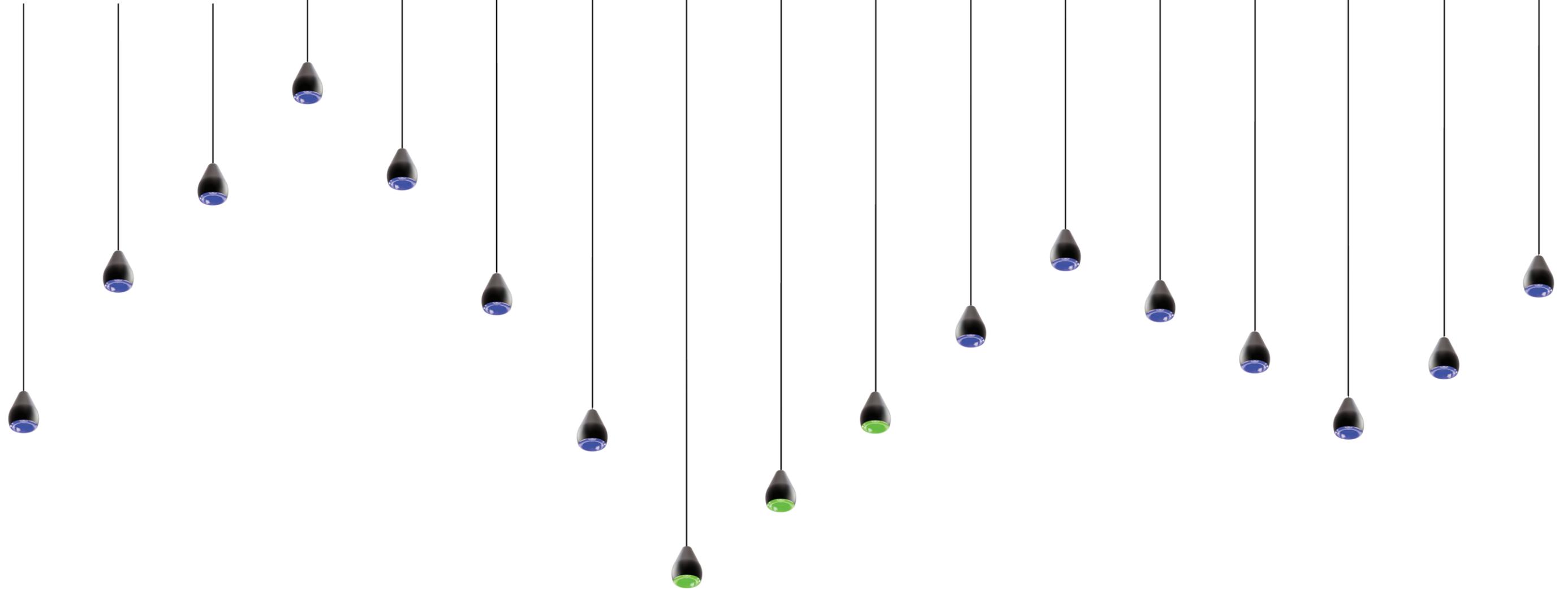
Moto-Fronteluce PR

P. 44



Moto-JoJo

P. 64



Moto-Rino

Moto-Spotify

Moto-Multi Gimbal

Moto-Rino with blacklight
Moto-Rino

P. 70 - 73



Moto-Spotify 86 & 100

P. 68



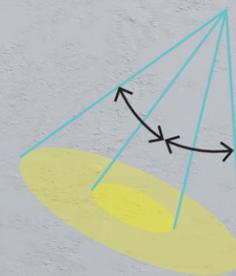
Moto-Multi Gimbal 60
Single | Double | Triple

P. 81



Moto-Multi Gimbal 130
Single | Double | Triple

P. 82 - 84



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

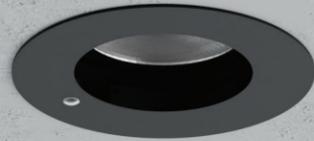
P. 82 - 84

Moto-Combo



Moto-Combo **Zoom** 195

P. 74

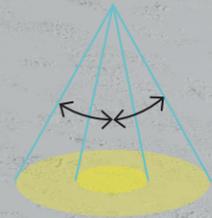


Ø 136



Ø 195

Ø 195



Moto-Combo 136 & 195

P. 74

Moto-Gimbalo



Moto-Gimbalo 60 & 120

Ø 60



Ø 130

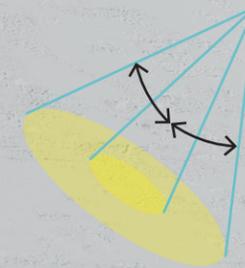
Ø 130



P. 78



Ø 130



Moto-Spotify



Moto-Spotify 86 & 100

Ø 86



Ø 100



P. 67

Moto-Colosseo



Ø 90



Ø 120



Moto-Colosseo 90 & 120

P. 76

EVO 48V Track Options

P. 88

Main Voltage Track Options

P. 98

Power Supply

P. 96

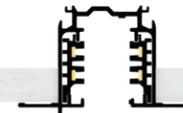
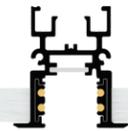
Surface Track
2ST1

Surface Track
Pendant Track
2ST6

Recessed Track
Trim
2ST8

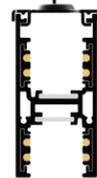
Recessed Track
Trimles
2ST3

Eurotype
Recessed Track
2D66



Mounting Accessories

P. 92



Pendant Track
2ST7



Eurotype
Surface Track
2D65

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.



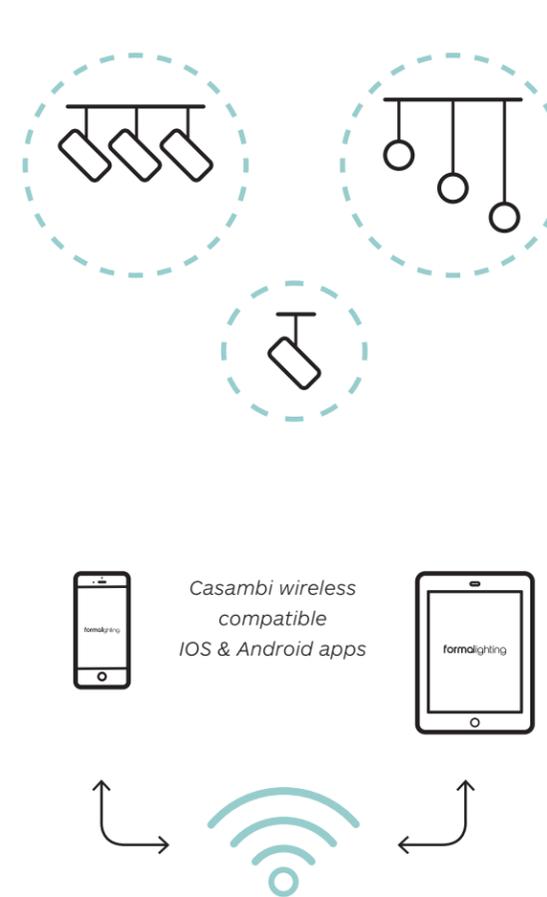
Location of Project: WOAW Gallery, Hong Kong



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.

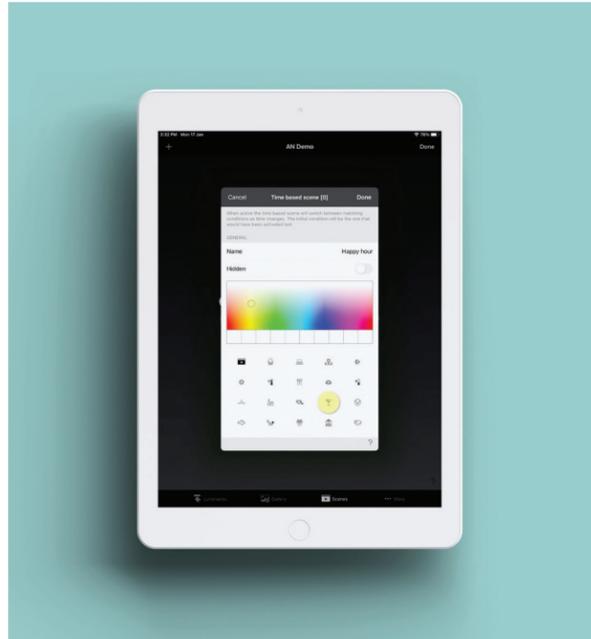
2. Central dimming system

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



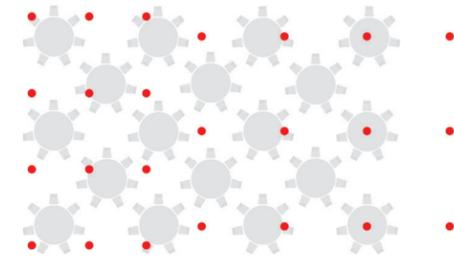
MOTOLUX fixtures are fully controlled by Casambi App.

CASAMBI

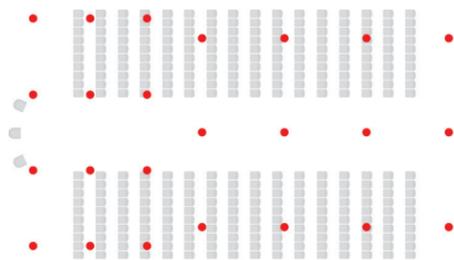
Casambi is based on the state-of-the-art wireless technology found in all modern smart devices, making it the only mainstream and futureproof, low-power radio technology.

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.



One single installation with endless possibilities



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

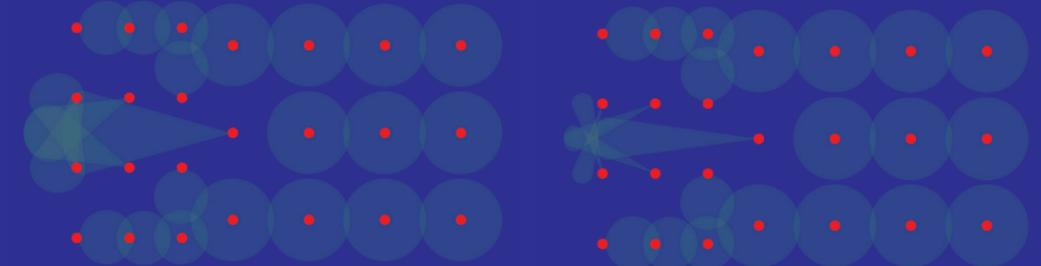
We introduce an easy and precise way to control and configure our luminaries.

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.

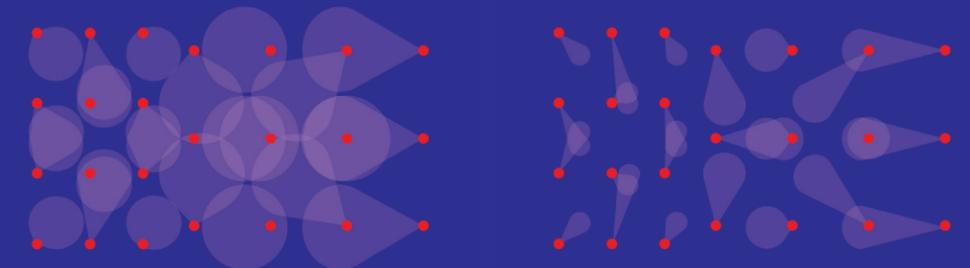
After saving it, any scene can be recalled with a simple click. Multiple scenes can be saved in the app, to adapt the illumination to the different time of the day or the different use of the ambience to enlighten.



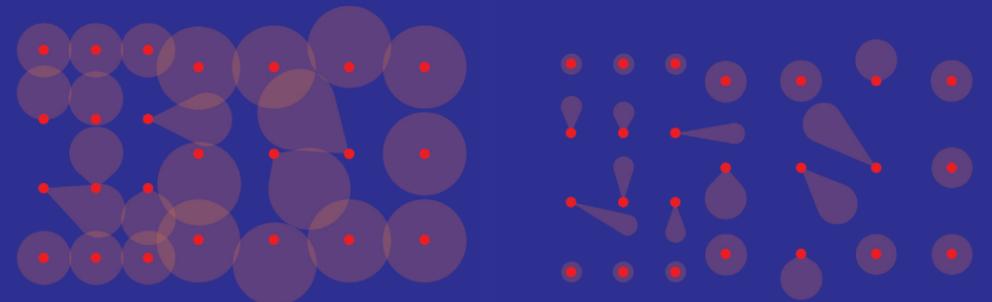
Scene 1.



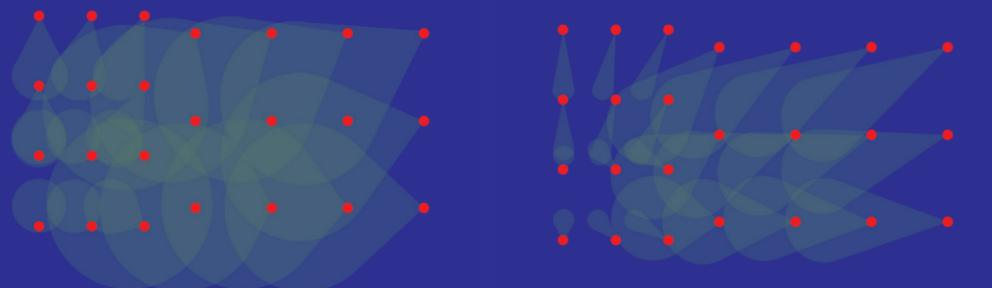
Scene 2.



Scene 3.



Scene 4...

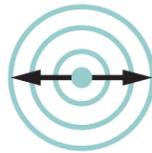


Key Features

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.



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.



RGBW

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

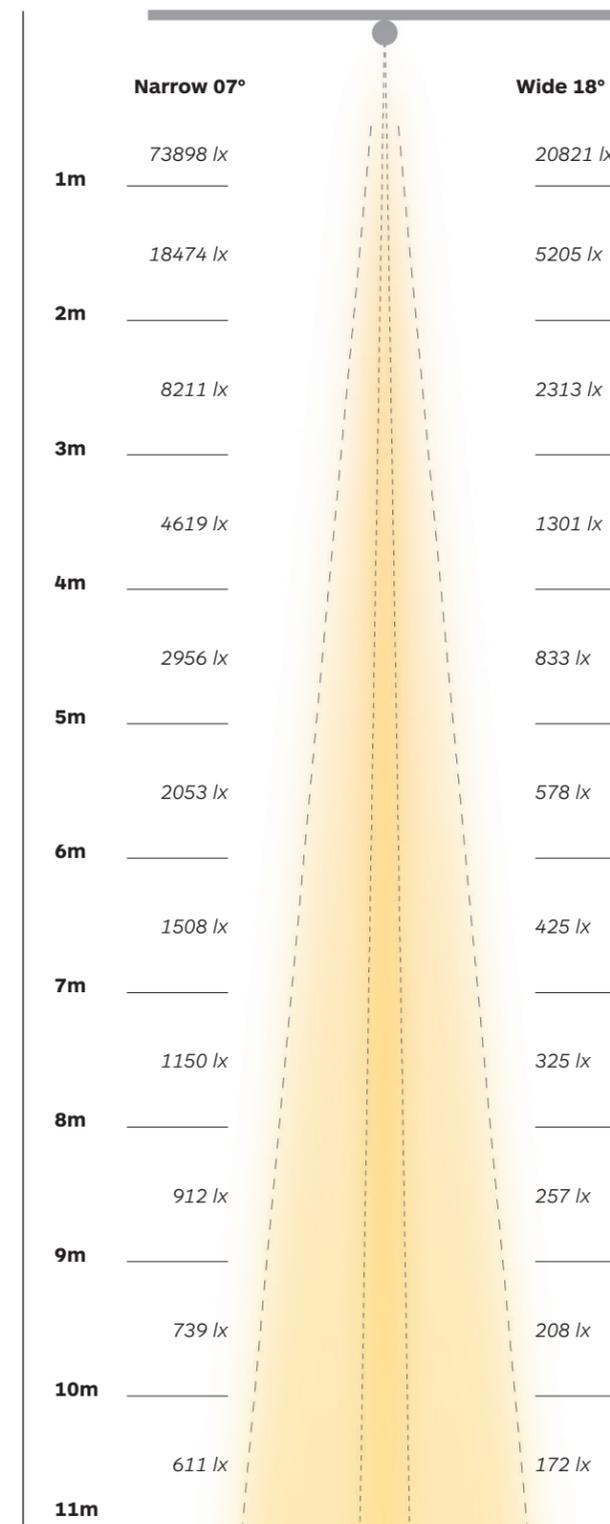
Control by Standard DMX512

Motolux 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



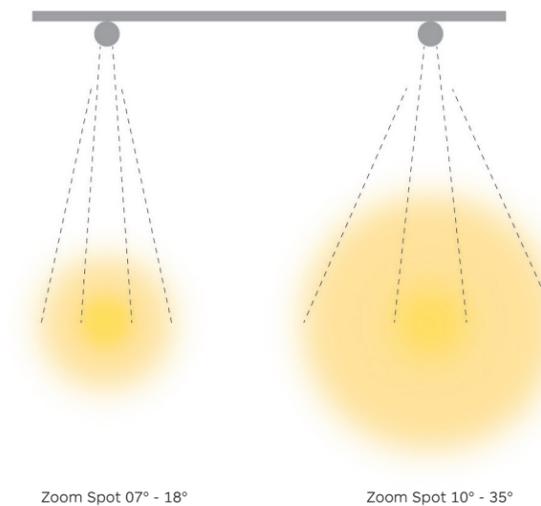
Every. Angle. Covered.

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



Zoom Spot 07° - 18°

Zoom Spot 10° - 35°

Full Spectrum Covered by Lumenetix

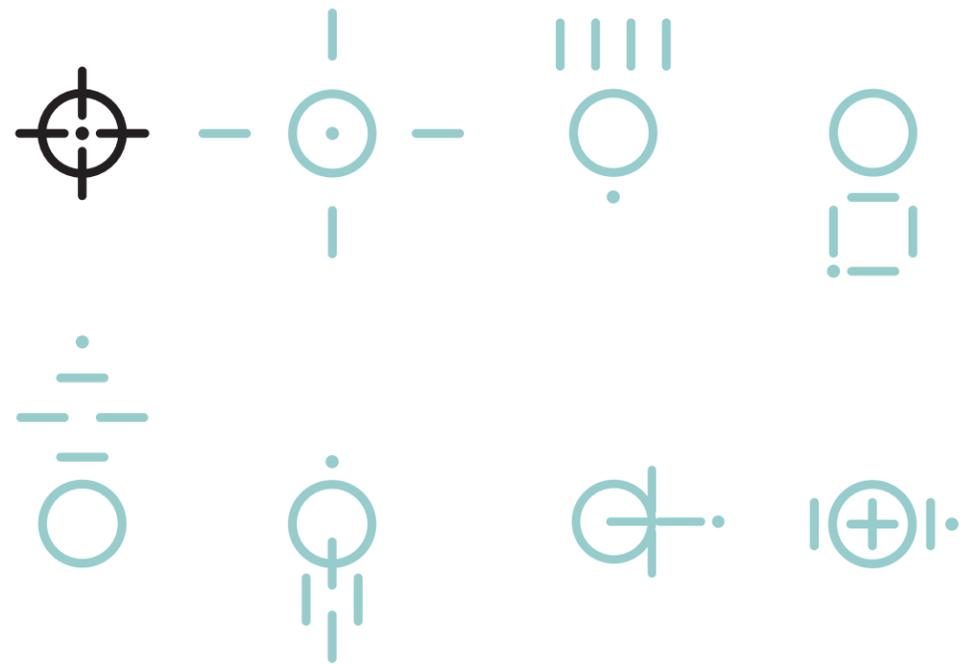
Full color Spectrum via wireless control technology by Lumenetix allows designers to access multiple colour illumination through one fixture, with selected MOTOLUX fixtures incorporating the revolutionary Lumenetix lighting technology. The Lumenetix Araya 5 Full-Spectrum LED chips deliver an unparalleled 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

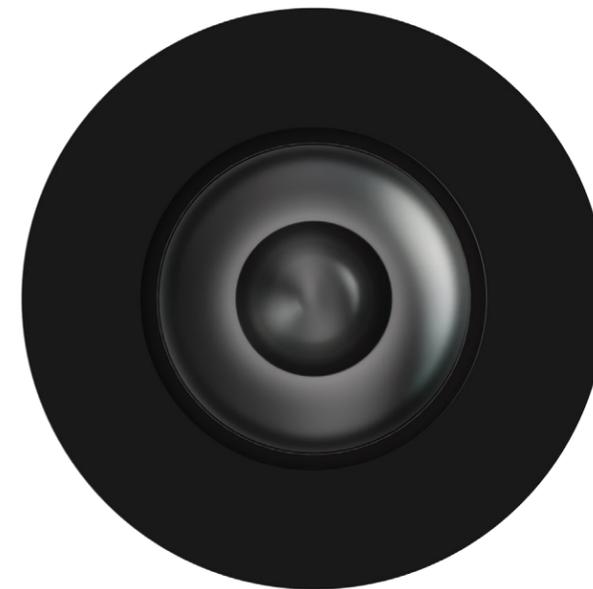
*MOTOLUX PRO brings intelligent spotlighting to configurable spaces with guaranteed accuracy.
Precise positioning, beam angle adjustments and dim level are controlled through the CASAMBI app or DMX.
Simply Set, Save, and recall scenes as desired.*



High precision positioning



Moto-Zero130 PRO



Moto-Combo PRO



Easy & Fast configuration

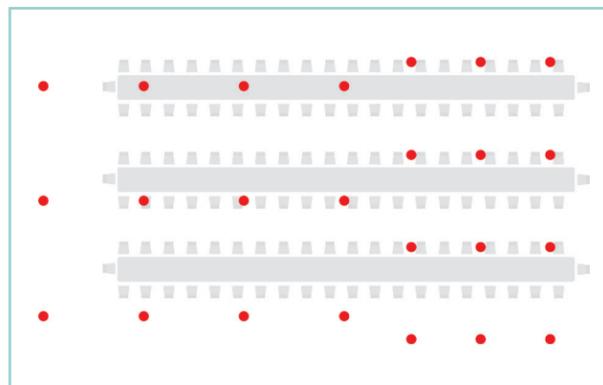


Silent movement

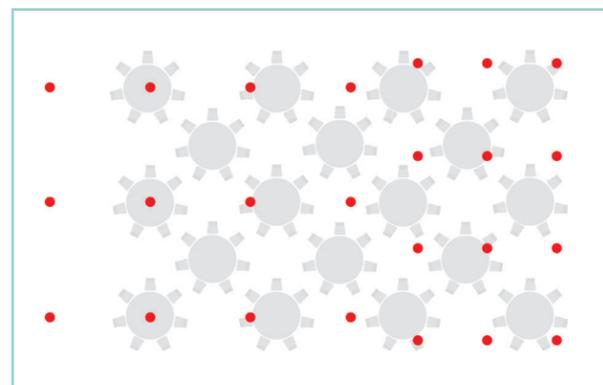
MOTOLUX PRO by formalighting

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.

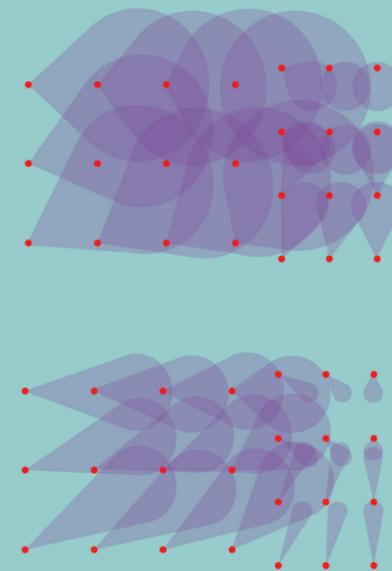


Gallery tab
Use Casambi Gallery feature to visually control the fixtures. The Gallery feature provides a simple and intuitive way to control.

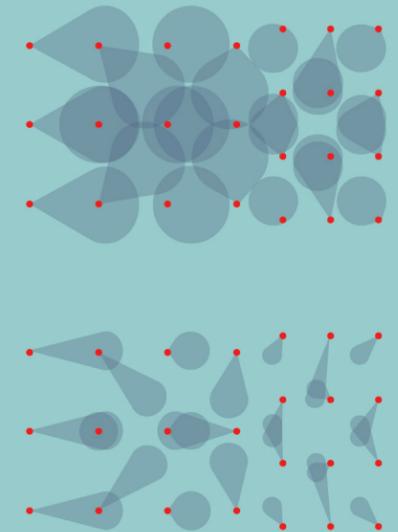
MOTOLUX PRO

Motorized Remote Controlled Lighting

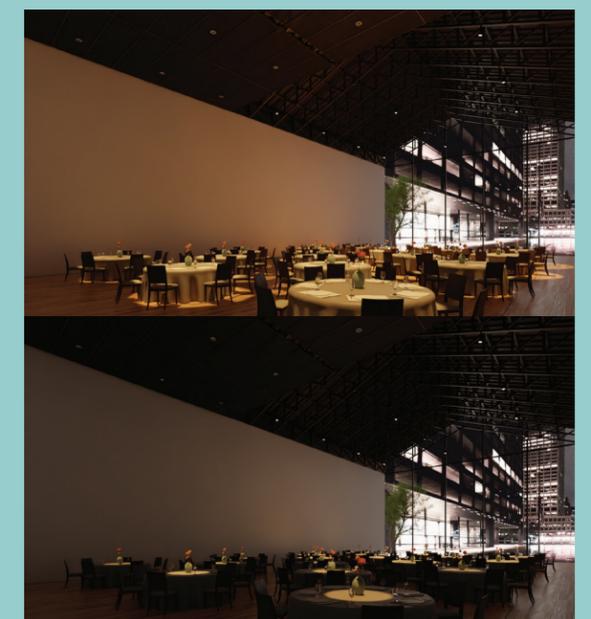
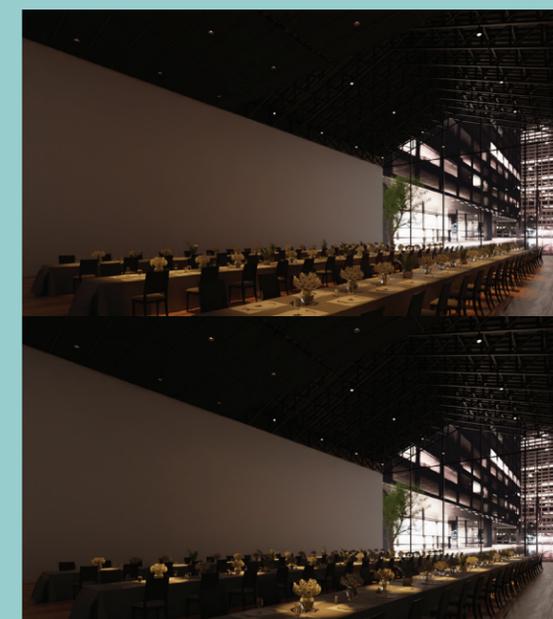
A scene is a recorded dimming level and position of single or multiple Motolux fixtures. Use of scenes in multi-functional spaces help to quickly change the light setting from one configuration to another. Call a pre-recorded scene for Motolux fixtures to move to the exact programmed position and light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

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

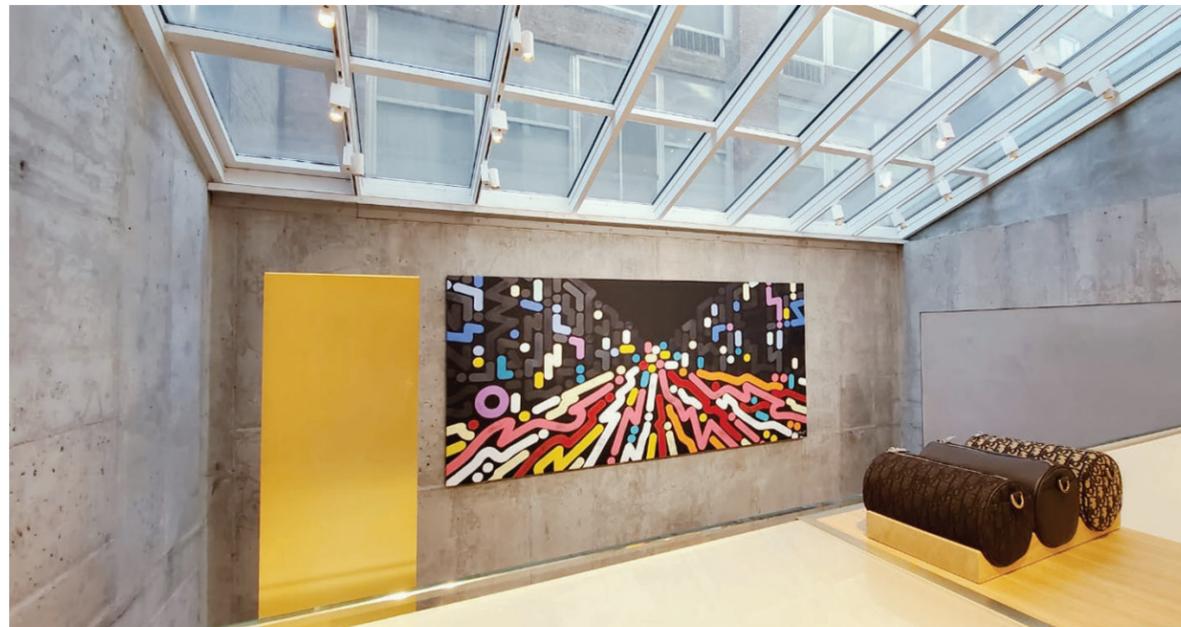
Moto-Zero & Moto-Zero Zoom Low Voltage Track
 Moto-Zero Compasso Main Voltage Track
 Moto-Zero Compasso Zoom Main Voltage Track
 Moto-Zero & Moto-Zero Pro Main Voltage Track
 Moto-Zero Zoom & Moto-Zero Zoom Pro Main Voltage Track
 Moto-JaJo
 Moto-Colosseo
 Moto-Rino
 Moto-Spotify

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 PRO

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,
Tunable White from 2700K - 6500K & 2700K - 5000K.

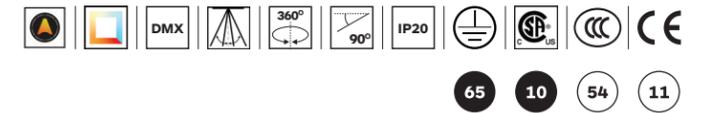
Accessories:

- Honeycomb louvre
- Linear spread
- Visor
- Snoot

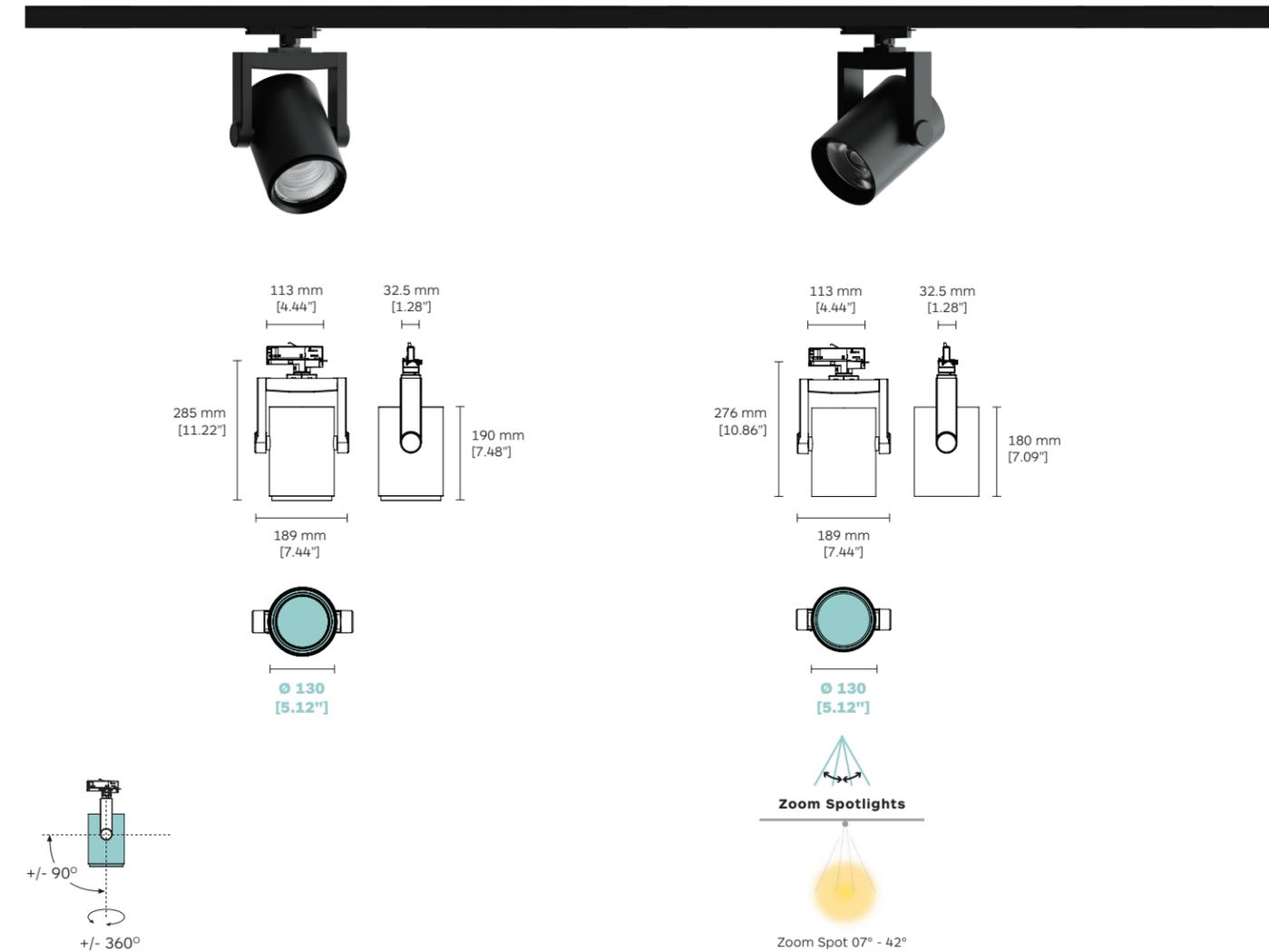
For more information about accessories see page 88.

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

Moto-Zero PR & Moto-Zero Zoom PR



Zoom



	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Control Options:		CCT Options	
						Motor Control	Dimming Control		
CRI>90 3000K	Moto-Zero 130 Pro	M674	IC54	42W	5713 lm	10° / 18° / 42°	A CASAMBI	C CASAMBI	27 2700K
			BR21	28W	3252 lm	07° / 21° / 36°	M DMX	X DMX	30 3000K
High Efficacy	Moto-Zero Zoom 130 Pro	M675	BN21	25W	2677 lm	BS (07° - 18°)	A Dali Dim	35 3500K	
			BC37	29W	3575 lm	BS (14° - 42°)	1 0-10V Dim	40 4000K	
							P PHASE	T2 ¹ 2700K - 6500K	
								T6 ² 2700K - 5000K	
								RG ³ RGBW	

¹ CCT Option **T2** available for codes M674. CCT Option **T6** available for code M675 only.
² CCT Option **RG** available for codes M674 only.
Please visit our website for detailed information.

BS: Beam Shaping.

Moto-Combo PRO

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°.

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

LED Sources:

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

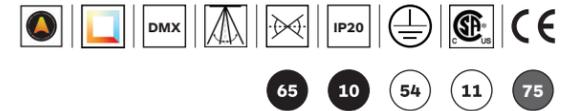
Accessories:

- Honeycomb louvre
- Linear spread
- Visor
- Snoot

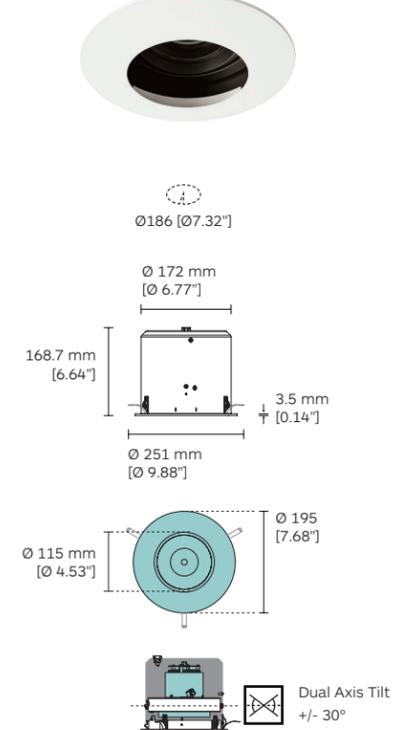
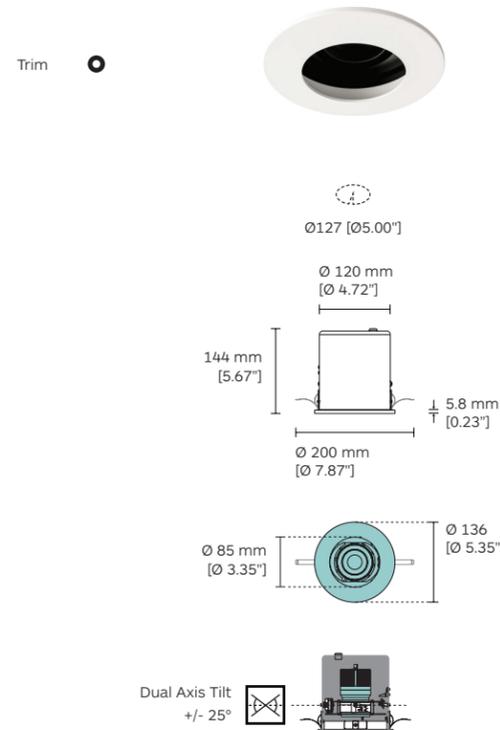
For more information about accessories see page 89.



Moto-Combo PRO & Moto-Combo Zoom PRO



M5A4 / M5A5



Zoom Spotlights



	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 <input checked="" type="checkbox"/>	MN21	10W	1227 lm	11° / 16° / 30°	A CASAMBI	C CASAMBI	27 2700K
	Moto-Combo 195 Pro	M5A4 <input checked="" type="checkbox"/>	AC37	21W	2767 lm	15° / 24° / 38°	M DMX	X DMX	30 3000K
			HR21	27W	2607 lm	07° / 21° / 36°		A Dali Dim	35 3500K
High Efficacy	Moto-Combo Zoom 195 Pro	M5A5 <input checked="" type="checkbox"/>	HN21	25W	2677 lm	BS (07° - 18°)	1 0-10V Dim	40 4000K	
			MC37	29W	3575 lm	BS (14° - 41°)		P PHASE	T6¹ 2700K - 5000K

¹ 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:

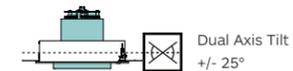
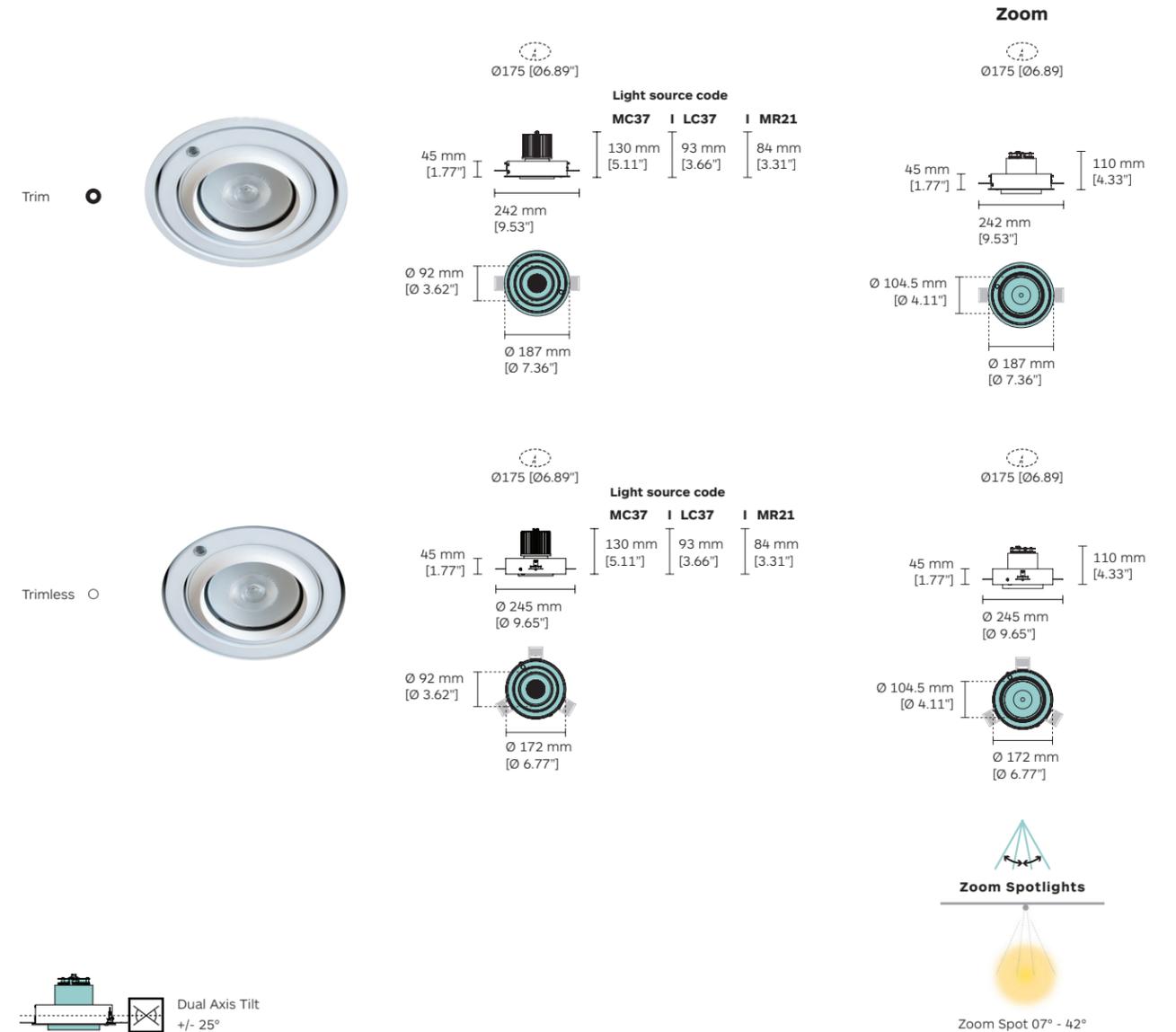
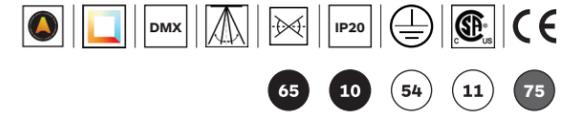
- Honeycomb louvre
- Linear spread
- Visor
- Snoot

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



CRI > 90 3000K High Efficacy	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Control Options:		CCT Options			
						Motor Control	Dimming Control	CCT	Options		
Moto-Gimbalo 130 Pro	M5A6 ●	LC37	25W	2985 lm	12° / 27° / 55°	A	CASAMBI	C	CASAMBI	27	2700K
	M5A7 ○	MC37	33W	3726 lm	12° / 22° / 32°	M	DMX	X	DMX	30	3000K
		MR21	18W	1948 lm	07° / 21° / 36°	A	Dali Dim	A	Dali Dim	35	3500K
Moto-Gimbalo Zoom 130 Pro	M5A8 ●	MC37	29W	3357 lm	BS (14° - 42°)	1	0-10V Dim	1	0-10V Dim	40	4000K
	M5A9 ○	HN21	21W	2507 lm	BS (07° - 18°)	P	PHASE	P	PHASE	T6 ¹	2700K - 5000K

¹ CCT Option T6 available for code M5A8, M5A9. Please visit our website for detailed information.

BS: Beam Shaping.

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.

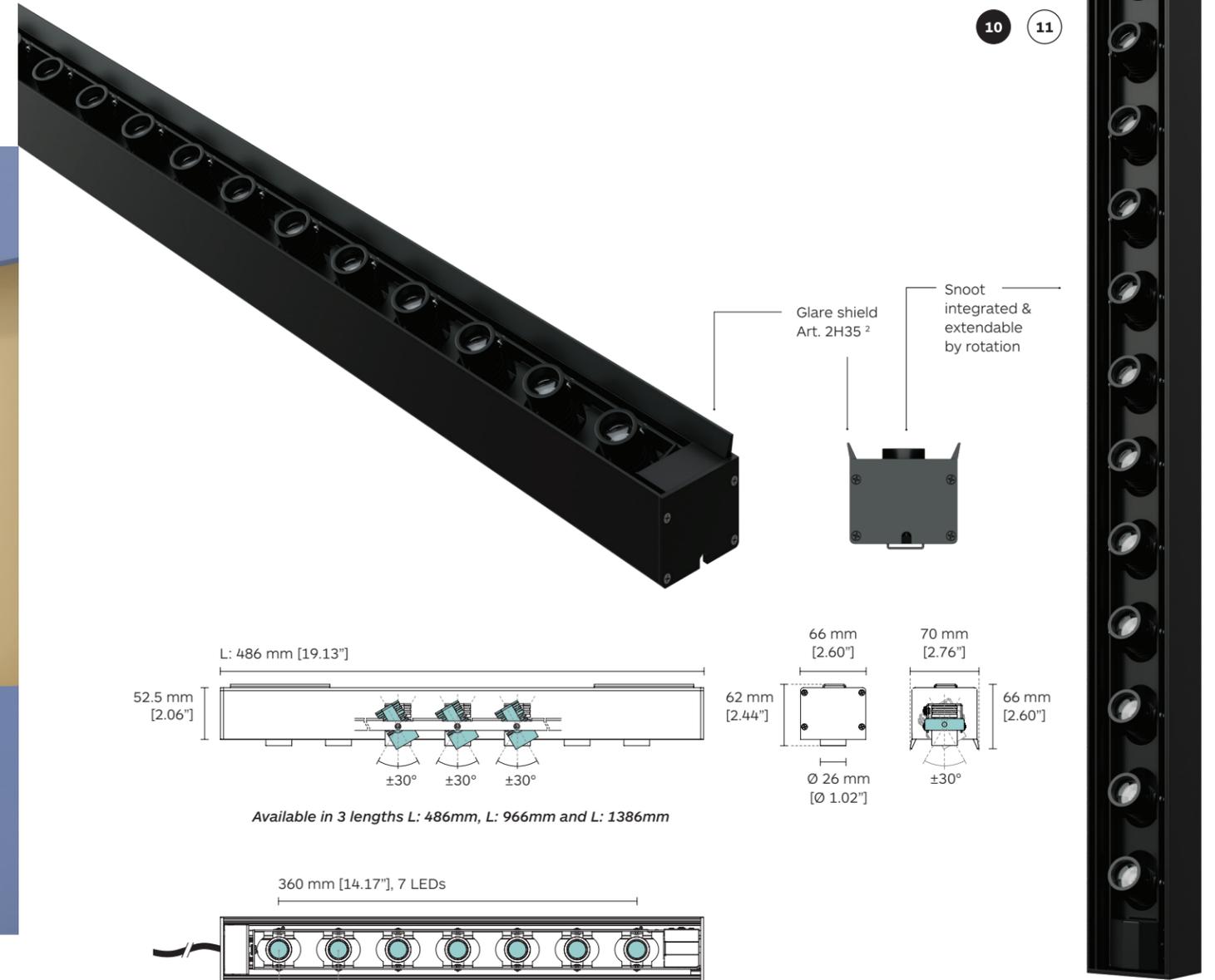
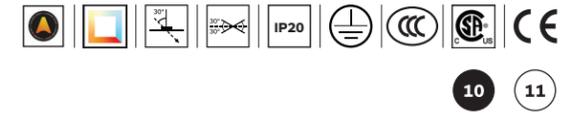
Accessories:

- Glare shield
To be ordered separately.

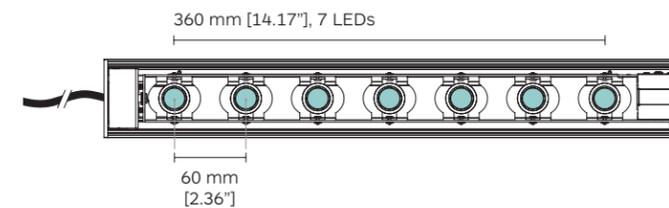
● 10 - Black

○ 11 - White

Moto-Fronteluce PR



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



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

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

² 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.

- 10 - Black
- 11 - White

LED Sources:

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

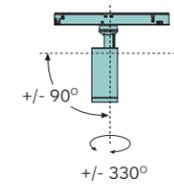
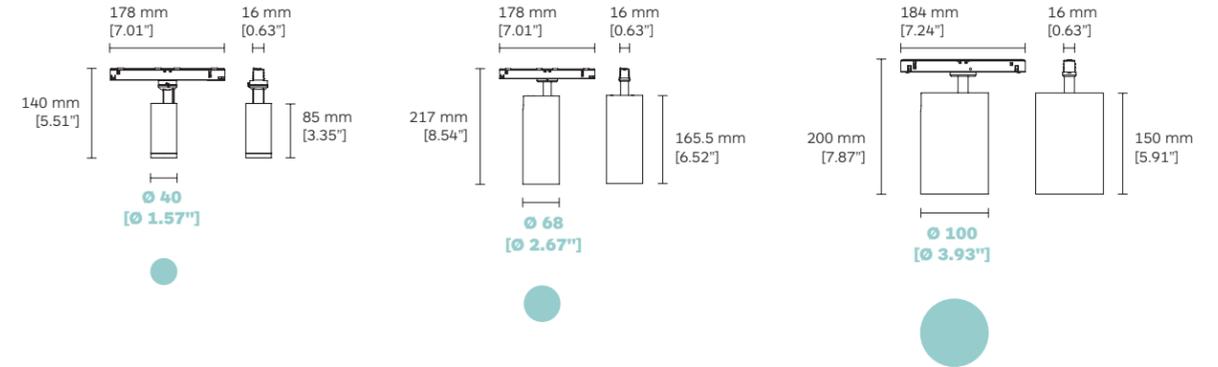
Accessories:

- Honeycomb louvre
- Linear spread
- Visor
- Snoot

For more information about accessories see page 88.



Moto-Zero Low Voltage



	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options	
CRI>90 3000K	Moto-Zero 40	M901	BC31	6W	705 lm	16° / 26° / 36°	DC CASAMBI	27 2700K
			BR21	4W	439 lm	07°		30 3000K
High Efficacy	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°		T2¹ 2700K - 6500K
			BR21	18W	1948 lm	07° / 21° / 36°		

¹ 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 330°. 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.

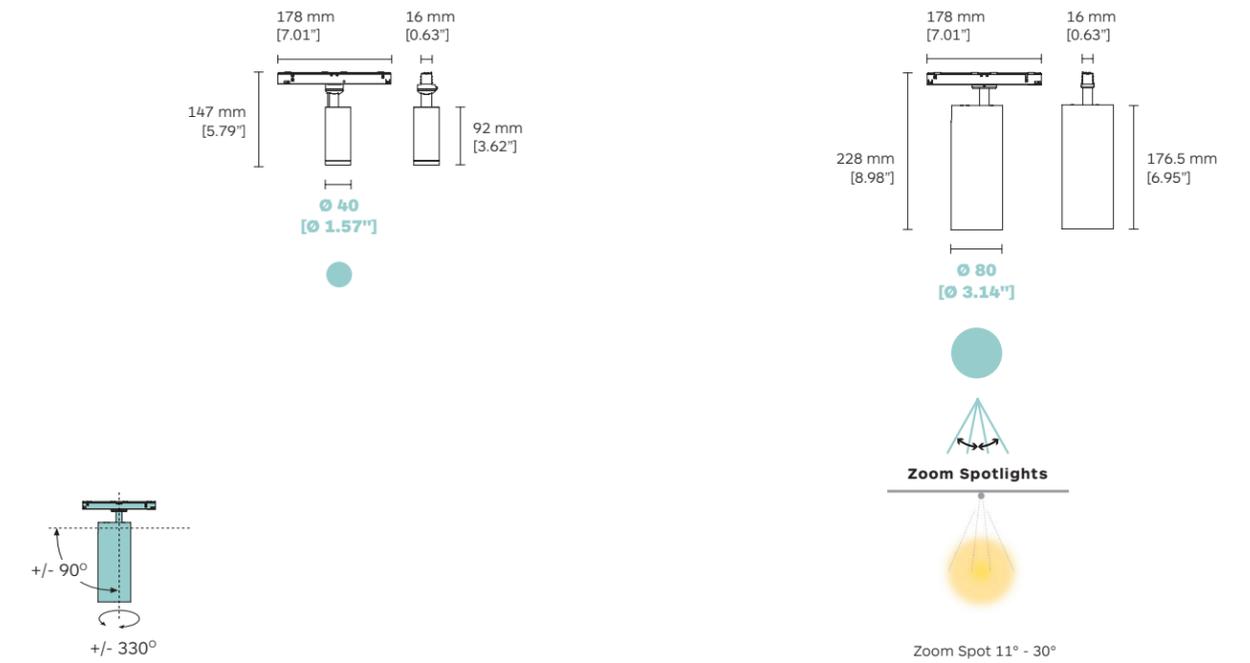
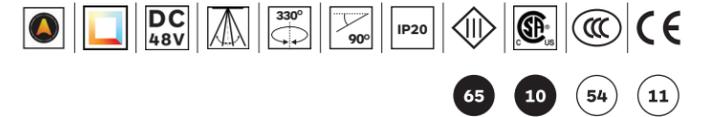
LED Sources:

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



	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
CRI > 90 3000K High Efficacy	Moto-Zero Zoom 40	M904	BC38	9W	962 lm	BS (15° - 28°)	27 2700K
	Moto-Zero Zoom 80	M905	BC36	17W	1789 lm	BS (11° - 30°)	30 3000K 35 3500K 40 4000K T2¹ 2700K - 6500K

¹ 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

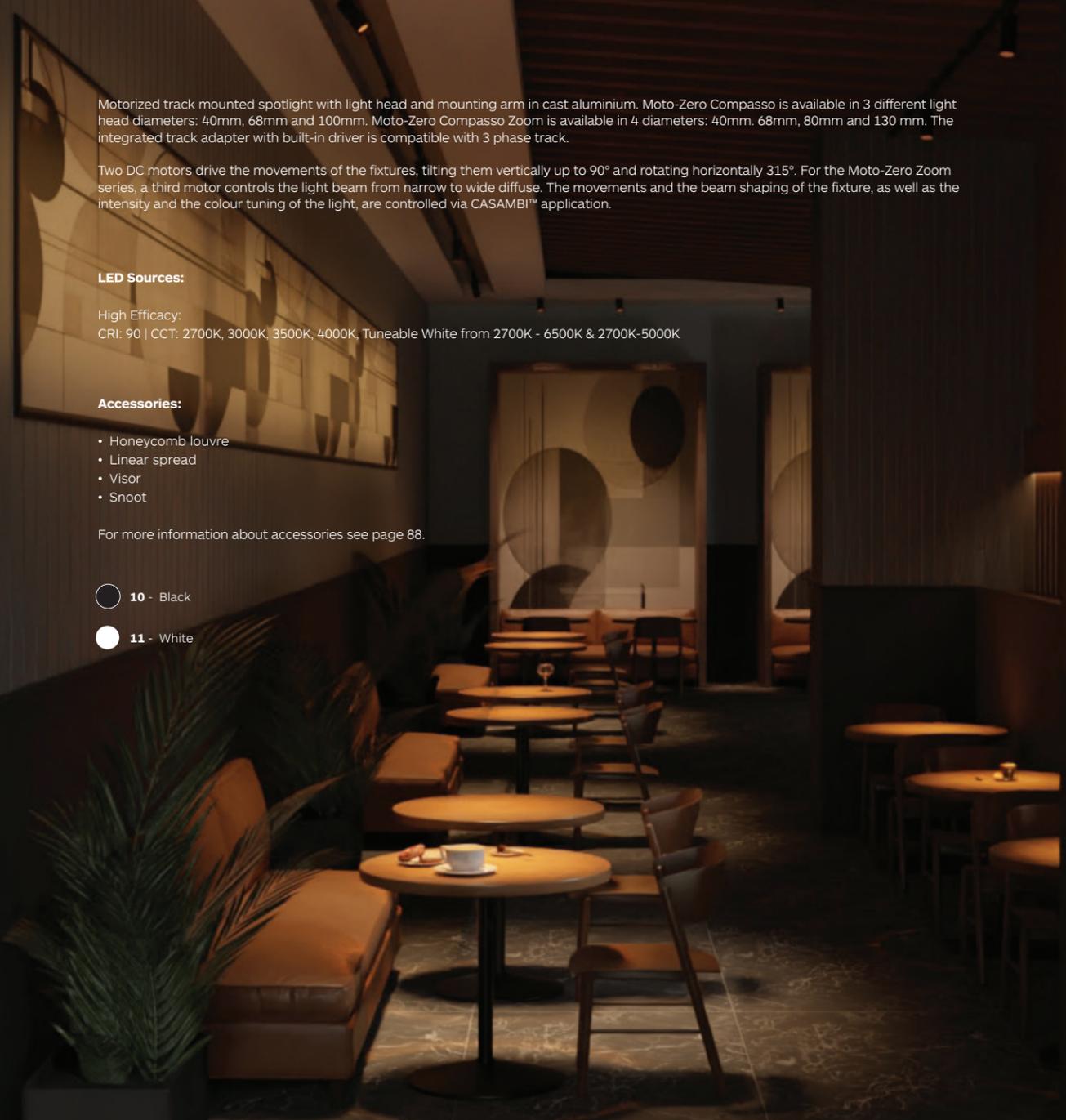
Accessories:

- Honeycomb louvre
- Linear spread
- Visor
- Snoot

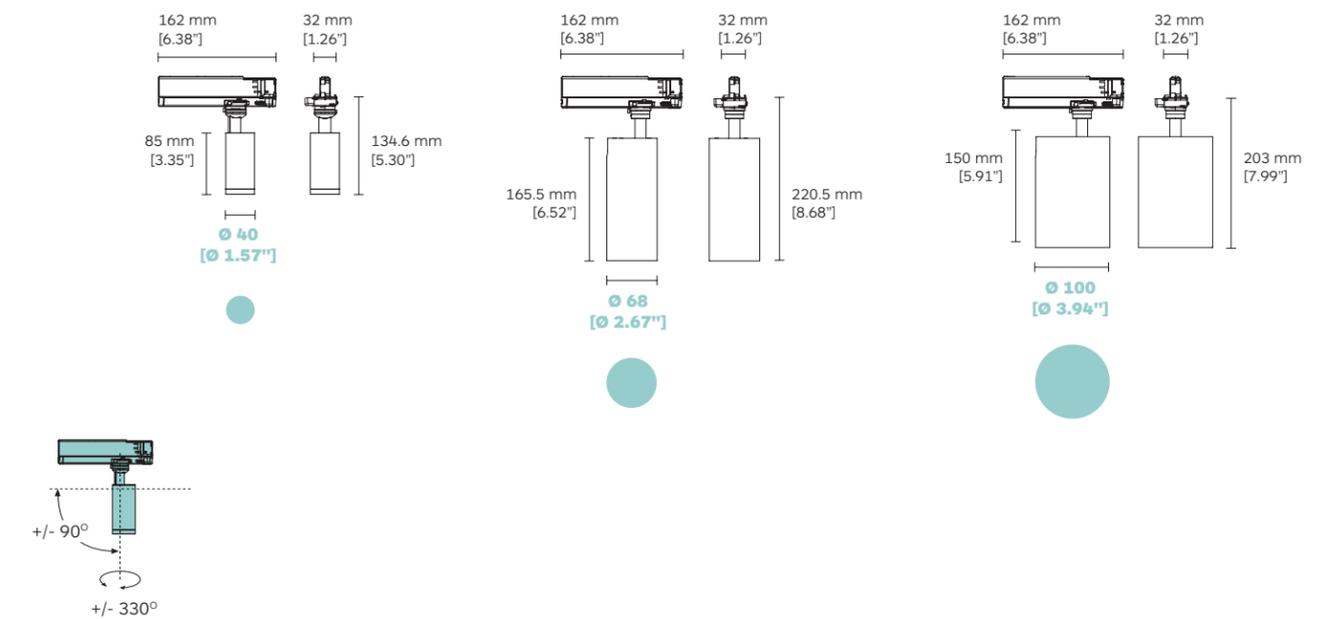
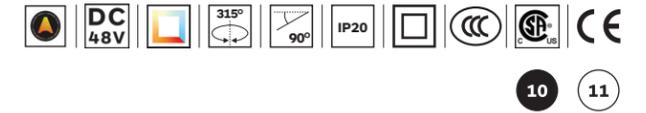
For more information about accessories see page 88.

10 - Black

11 - White



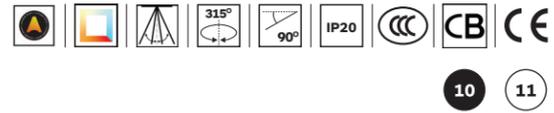
Moto-Zero Compasso



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

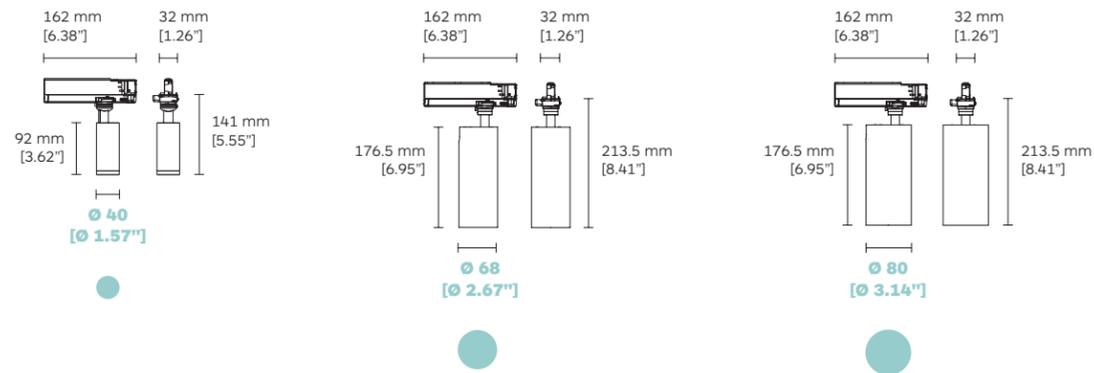
¹ CCT Option **T2** available for code M639, M665. Please visit our website for detailed information.

Moto-Zero Zoom

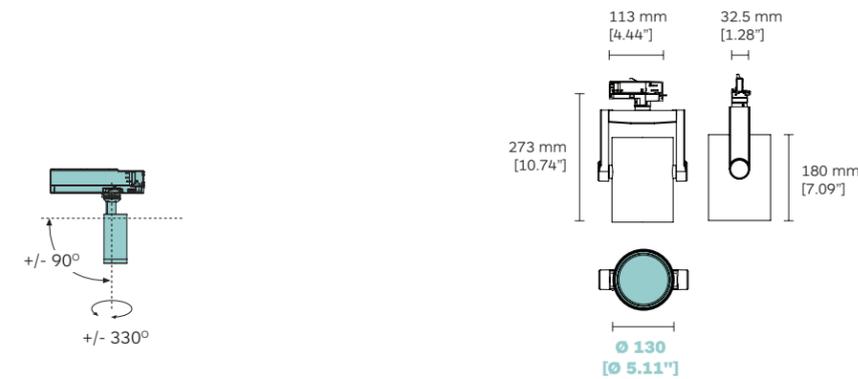


40 | 68 | 80 | 130

Moto-Zero Compasso Zoom



Moto-Zero Zoom

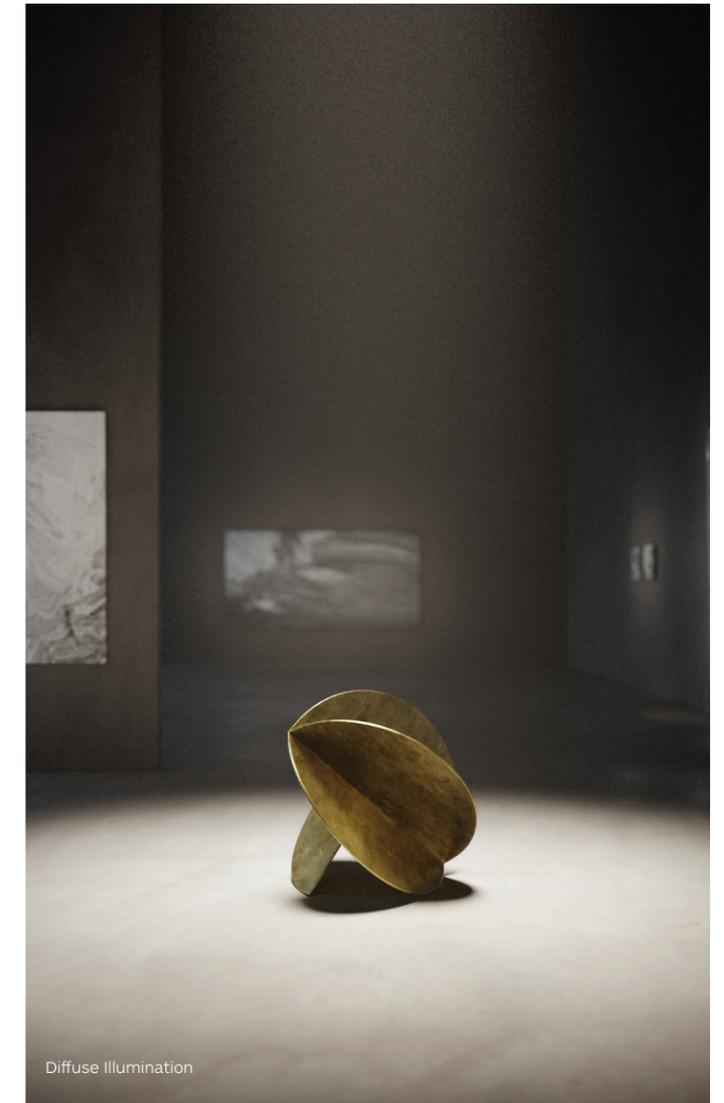
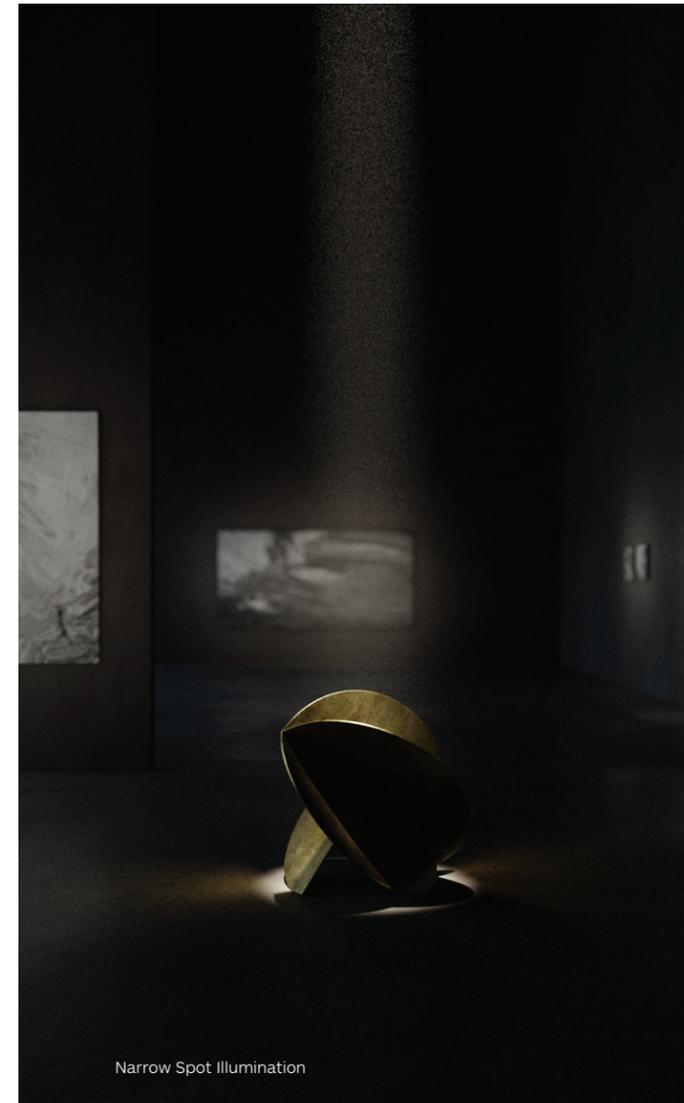


	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
CRI > 90 3000K High Efficacy	Moto-Zero Compasso Zoom 40	M667	BC38	9W	962 lm	BS (15° - 28°)	27 2700K
	Moto-Zero Compasso Zoom 68	M668	BC36	15W	1632 lm	BS (11° - 30°)	30 3000K
	Moto-Zero Compasso Zoom 80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

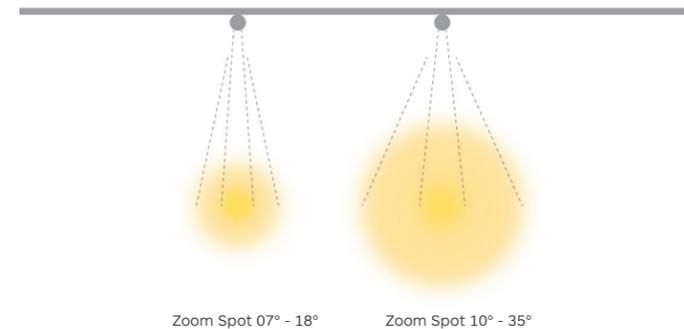
¹ CCT Option **T2** available for codes M667, M668 & M669. CCT Option **T6** available for code M670 only. Please visit our website for detailed information.

BS: Beam Shaping.

Every. Angle. Covered.



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 (lighthead 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



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 track.

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 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, RGBW
Tunable White from 2700K - 6500K

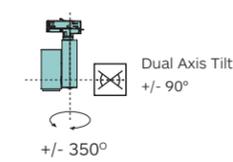
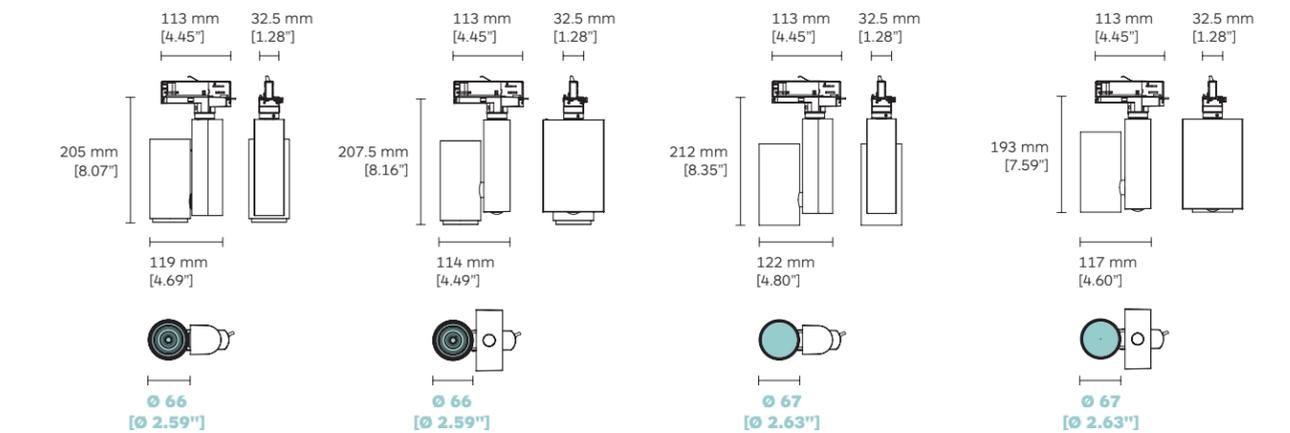
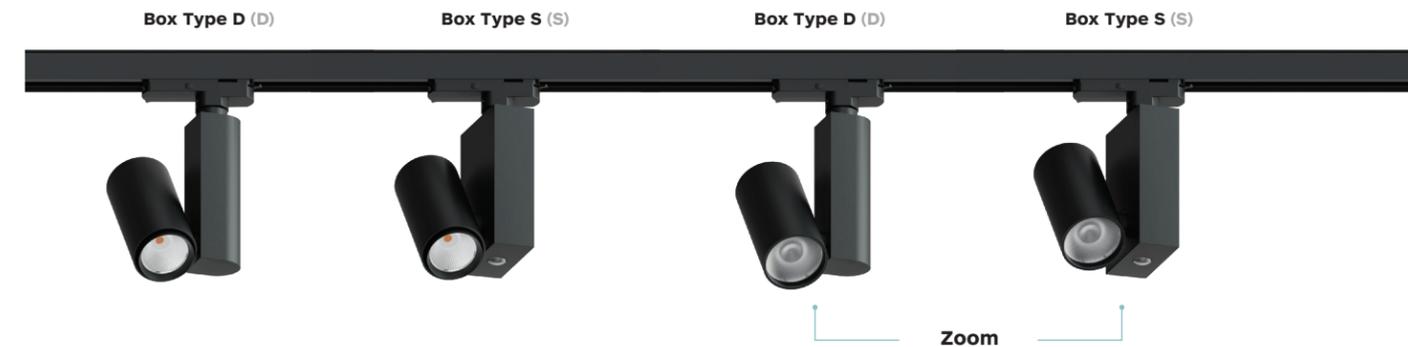
Accessories:

- 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 66 & Moto-Zero Zoom 66

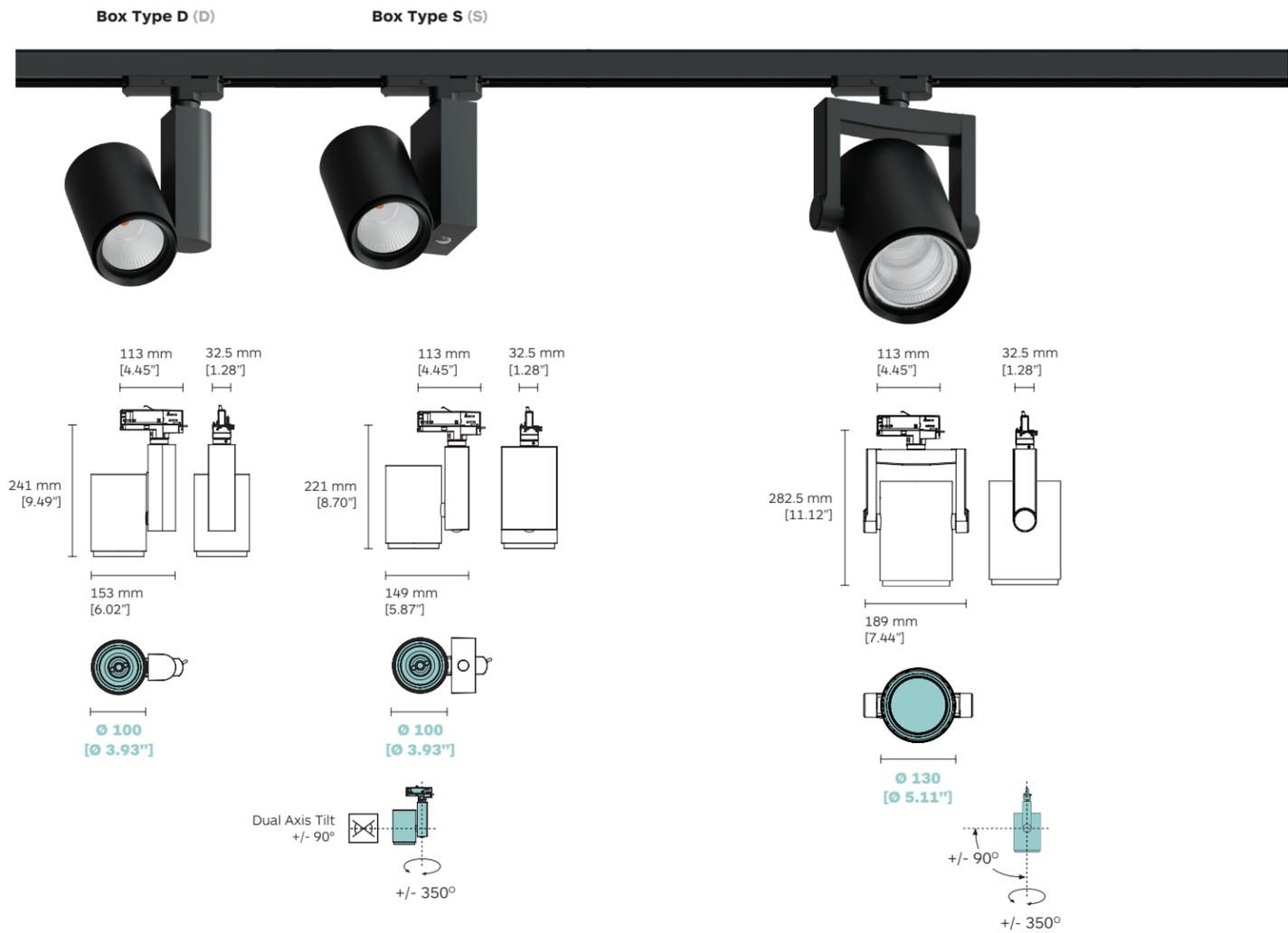


CCT Options	Dimming & Box Type Options		Beam Angle (BA°)	Nominal Lumen	LED Power	Light Source Code	Product Code	Moto - Zero 66
	D	S						
27 2700K	DC	CASAMBI	15° / 23° / 45°	2726 lm	26W	IC39	M621	Moto - Zero 66
			05°	574 lm	6W	BR21		
30 3000K	SA	Dali Dim						
35 3500K	D1	0-10V Dim						
40 4000K	SX	DMX						
40 4000K	DC	CASAMBI	BS (11° - 14°)	1413 lm	14W	BC31	M641	Moto - Zero Zoom 66
			05°					
27 2700K	SA	Dali Dim						
30 3000K	D1	0-10V Dim						
35 3500K	SX	DMX						
40 4000K	DC	CASAMBI						
40 4000K	SA	Dali Dim						
40 4000K	D1	0-10V Dim						
40 4000K	SX	DMX						

¹ CCT Option T2 available for code M621 only. For Tunable White (T2) option, the type of driver box is always Square shape (S). Please visit our website for detailed information.

BS: Beam Shaping.

Moto-Zero 100 & Moto-Zero 130



CRI > 90 3000K High Efficacy	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming & Box Type Options		CCT Options	
						D	S	Options	Options
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
	M619	IC54	42.2W	5210 lm	10° / 18° / 42°	D1	0-10V Dim	35	3500K
		BR21	27.6W	2922 lm	07° / 21° / 36°	SX	DMX	40	4000K
Moto - Zero 130						DC	CASAMBI	T2¹	2700K - 6500K
						DA	Dali Dim	RG²	RGBW
						D1	0-10V Dim		
						DX	DMX		

¹ CCT Option **T2** available for codes M620, M619. For Tuneable White (**T2**) option, the type of driver box is always Square shape (**S**).
² 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.

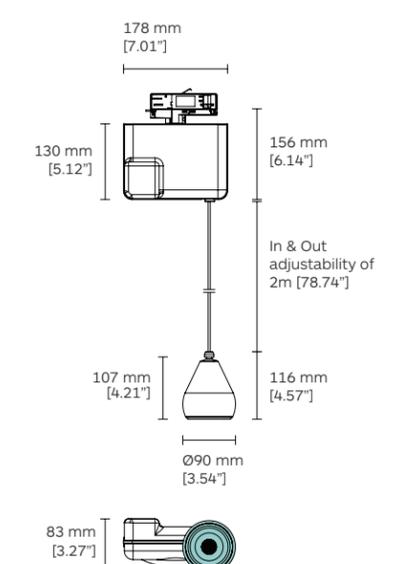
Use Wireless Casambi app to control the movement of the light head, to change colors and intensity, create and recall scenes, animations and timers.

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



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

¹ 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:

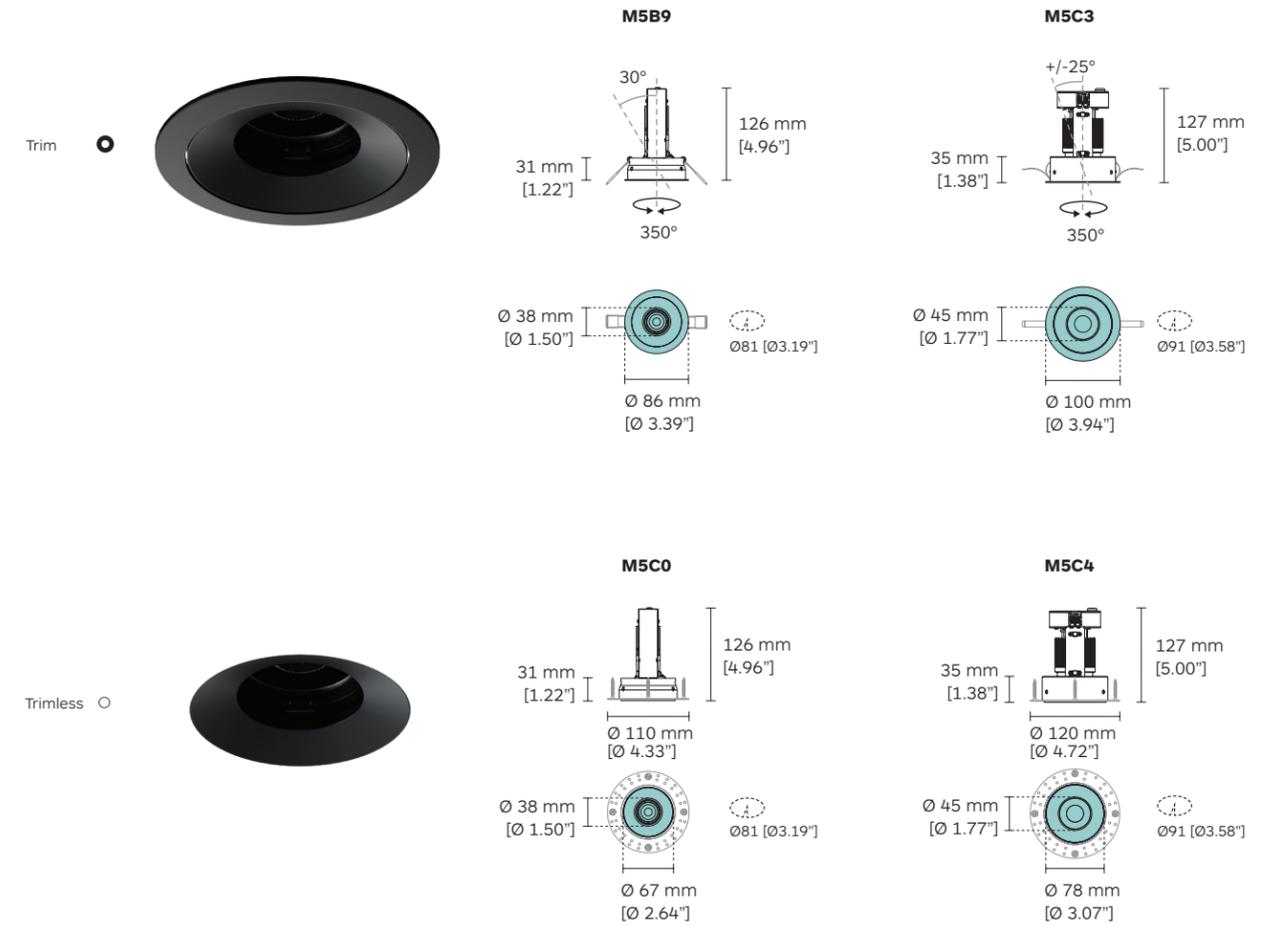
- Tool free changeable
- Honeycomb louvre
 - Linear spread
 - Flat trim
 - Snoot

For more information see page 69.

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



Moto-Spotify Round



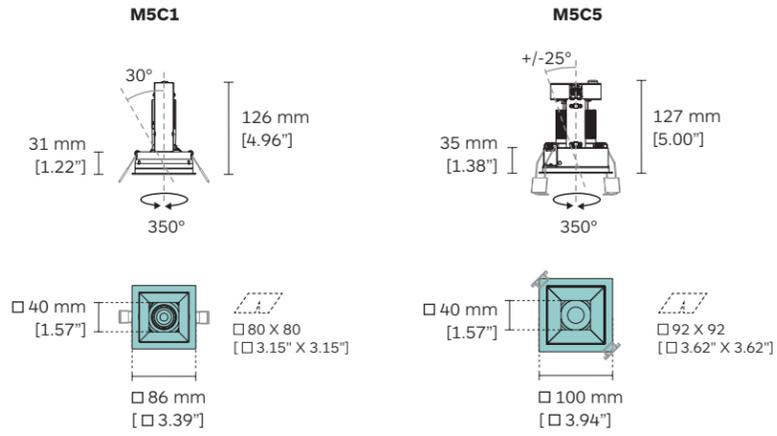
	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
CRI>90 3000K	Moto-Spotify 86	M5B9 ○	6W	634 lm	16° / 22° / 33°	D1 0-10V Dim DA Dali Dim DC CASAMBI DX DMX	27 2700K 30 3000K 35 3500K 40 4000K T2 ¹ 2700K - 6500K T1 ¹ 2700K - 5700K
		M5C0 ○					
High Efficacy	Moto-Spotify 100	M5C3 ○	12W	1703 lm	18° / 24° / 36°		
		M5C4 ○					

¹ CCT Option **T2** available for code M5C3, M5C4. CCT Option **T1** available for code M5B9, M5C0. Please visit our website for detailed information.

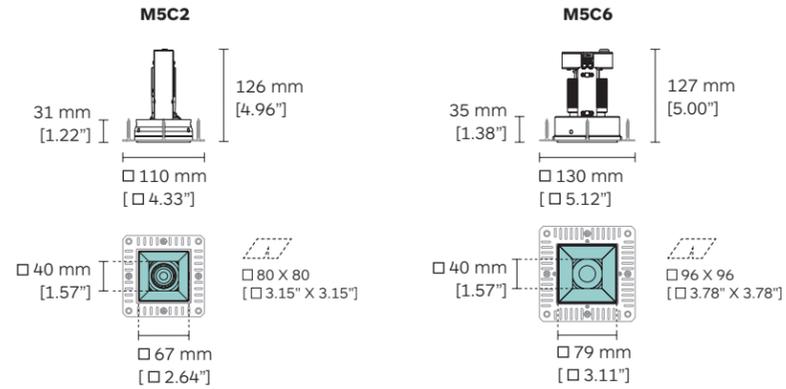
Moto-Spotify Square



Trim



Trimless



CRI>90
3000K

High
Efficacy

	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
Moto-Spotify 86	M5C1 <input checked="" type="checkbox"/>	MC42	6W	634 lm	16° / 22° / 33°	D1 0-10V Dim	27 2700K
	M5C2 <input type="checkbox"/>					DA Dali Dim	30 3000K
Moto-Spotify 100	M5C5 <input checked="" type="checkbox"/>	MC24	12W	1703 lm	18° / 24° / 36°	DC CASAMBI	35 3500K
	M5C6 <input type="checkbox"/>					DX DMX	40 4000K
							T2 ¹ 2700K - 6500K
							T1 ¹ 2700K - 5700K

¹ CCT Option **T2** available for code M5C5, M5C6. CCT Option **T1** 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	Snoot 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

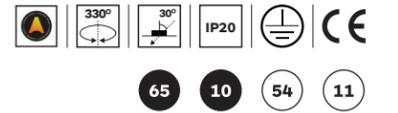
Accessories:

- Linear spread
- Honeycomb louvre

For more information see page 89.

Moto-Rino

with backlight



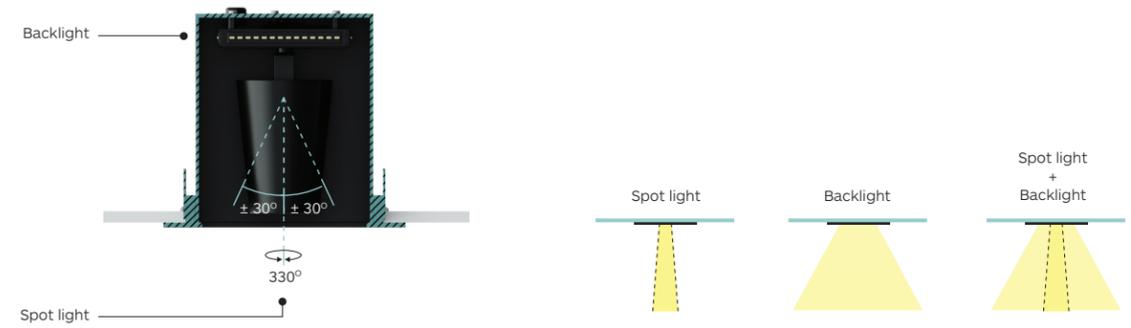
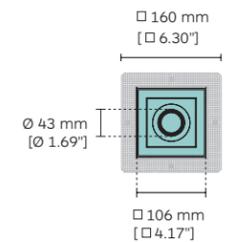
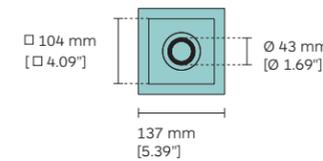
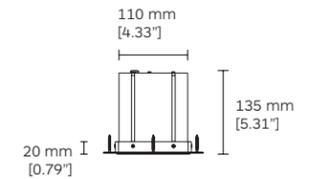
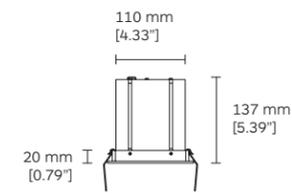
Trim

Trimless



□ 130 X 130 [5.12" x 5.12"]

□ 126 X 126 [4.96" x 4.96"]



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

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

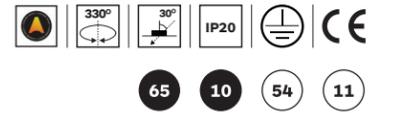
Accessories:

- Linear spread
- Honeycomb louvre

For more information see page 89.



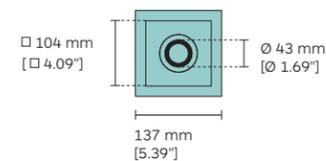
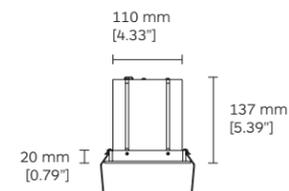
Moto-Rino



Trim



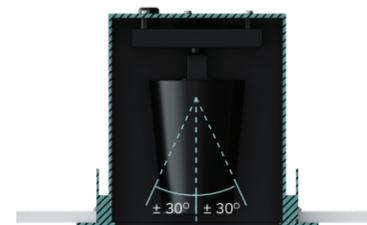
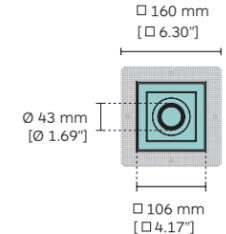
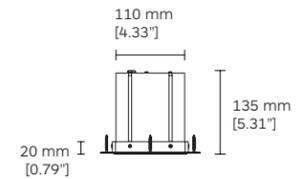
□ 130 X 130 [5.12" x 5.12"]



Trimless

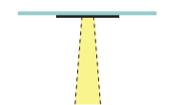


□ 126 X 126 [4.96" x 4.96"]



Spot light

Spot light



	Product Code	Light Source Codes	LED Power	Nominal Lumen	Beam Angle	Dimming Options	*CCT Options
CRI > 90 3000K High Efficacy	Moto-Rino	M5B3 <input checked="" type="checkbox"/>	11W	1286 lm	18° / 26° / 36°	DC CASAMBI	27 2700K
		M5B4 <input type="checkbox"/>				DA Dali Dim	30 3000K
						D1 0-10V Dim	35 3500K
						DX DMX	40 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:

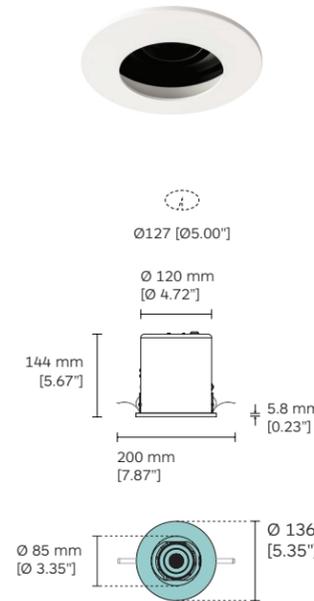
- Honeycomb louvre
- Linear spread
- Visor
- Snoot

For more information about accessories see page 89.

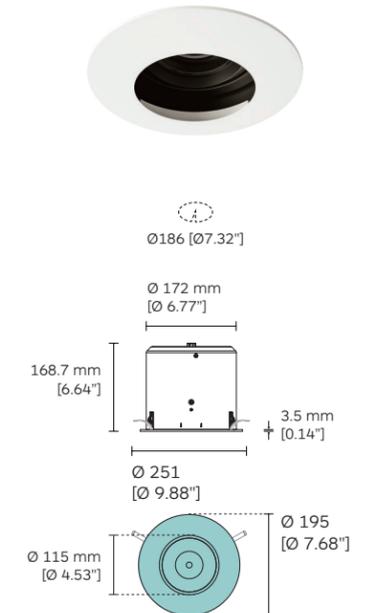
Moto-Combo & Moto-Combo Zoom



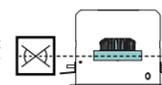
Trim ○



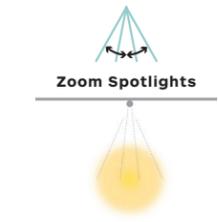
M533 / M590



Dual Axis Tilt +/- 40°



Zoom Spotlights



M590: Zoom Spot 07° - 43°

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

¹ 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.

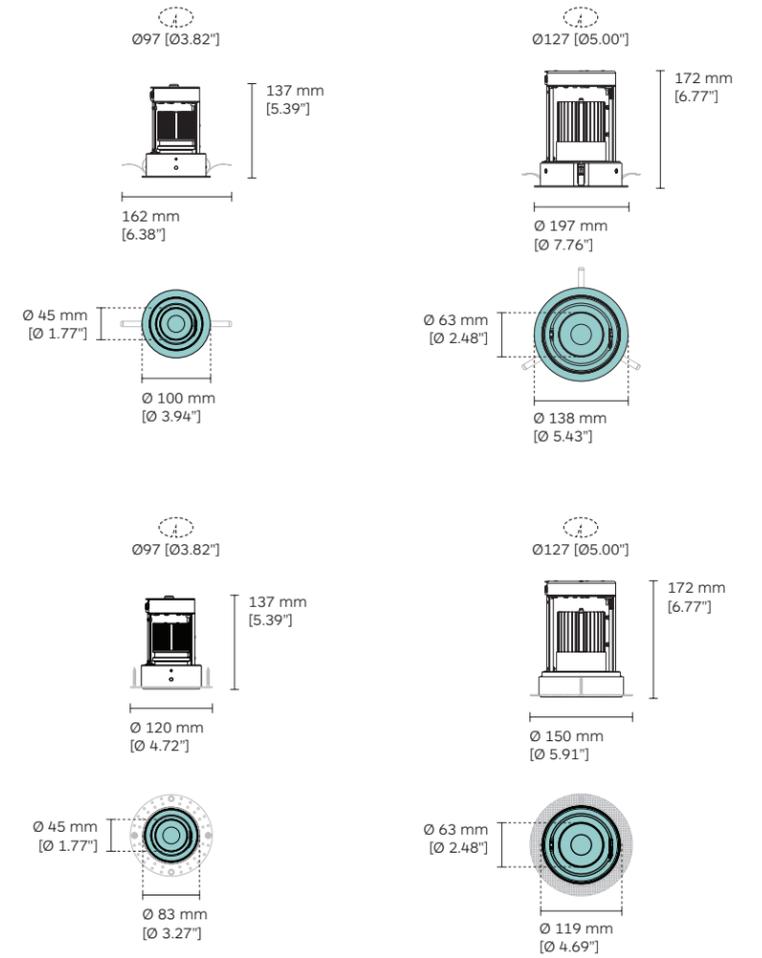
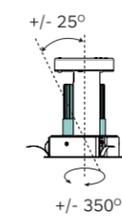
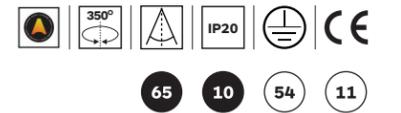
Accessories:

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

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



Moto-Colosseo



	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	*CCT Options
CRI > 90 3000K	Moto-Colosseo 90	M588 ●	13W	1464 lm	12° / 24° / 32°	DA Dali Dim	27 2700K
		M578 ○					
High Efficacy	Moto-Colosseo 120	M579 ●	22W	2415 lm	12° / 18° / 32°	DP Phase Dim	30 3000K
		M589 ○					
						DC CASAMBI	35 3500K
						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: 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:

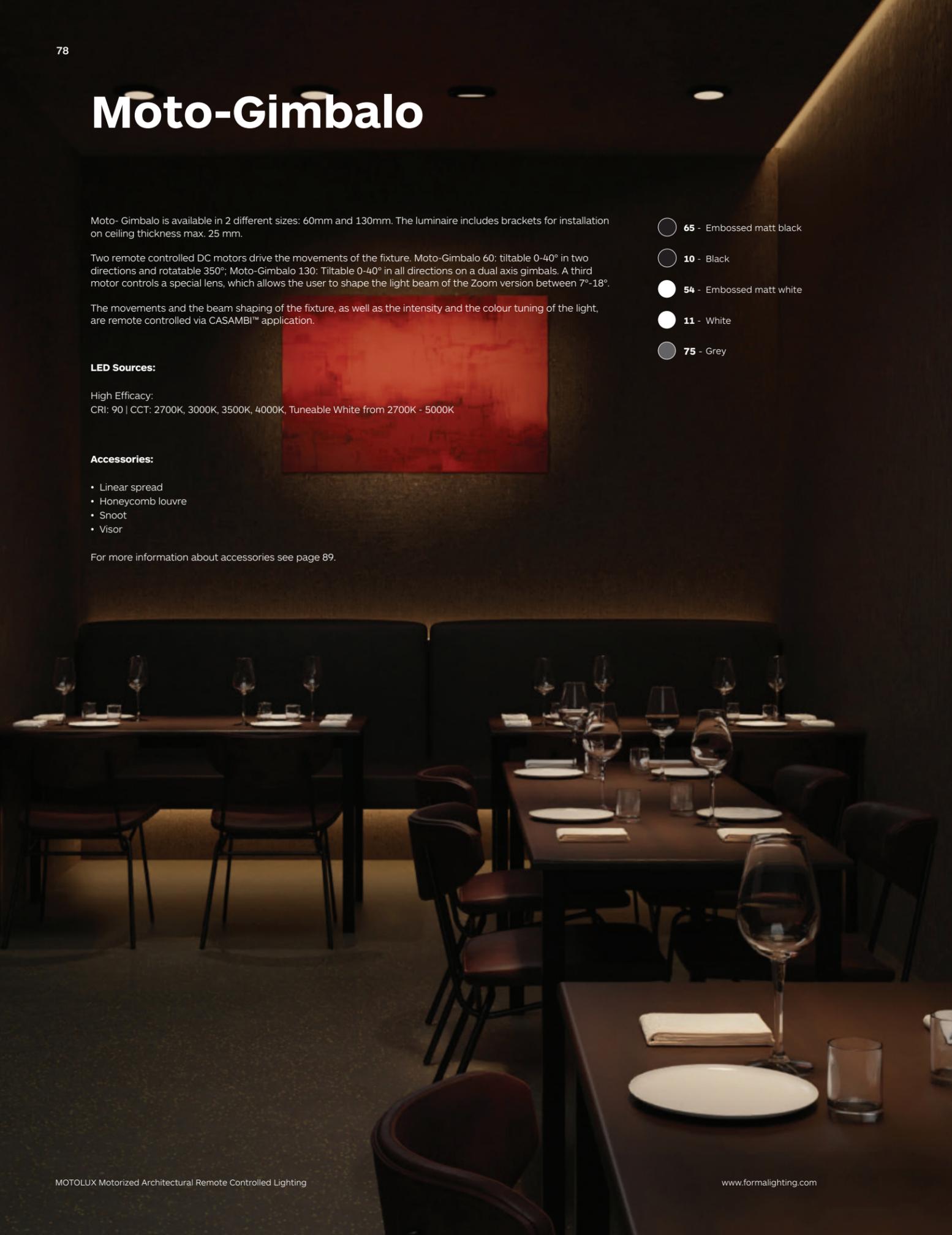
High Efficacy:
CRI: 90 | CCT: 2700K, 3000K, 3500K, 4000K, Tuneable White from 2700K - 5000K

Accessories:

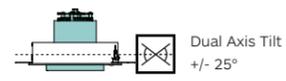
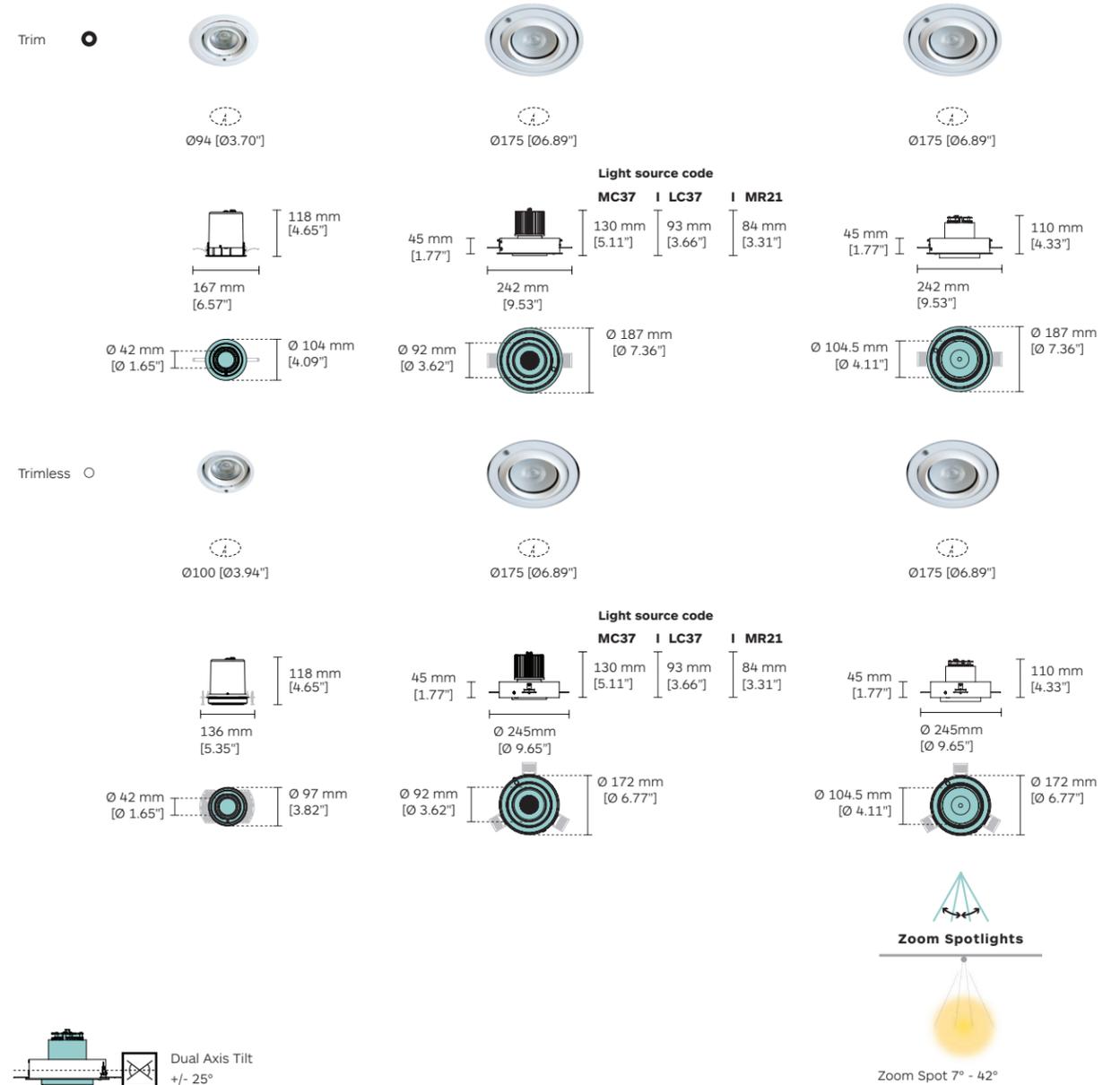
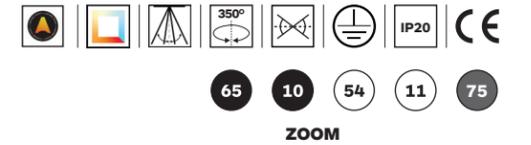
- Linear spread
- Honeycomb louvre
- Snoot
- Visor

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



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

¹ CCT Option **T6** available for code M580, M581. Please visit our website for detailed information.

BS: Beam Shaping.

Moto-Multi Gimbal

Moto-Multi Gimbal 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-Gimbal 60: tiltable 0-40° in two directions and rotatable 350°; Moto-Gimbal 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

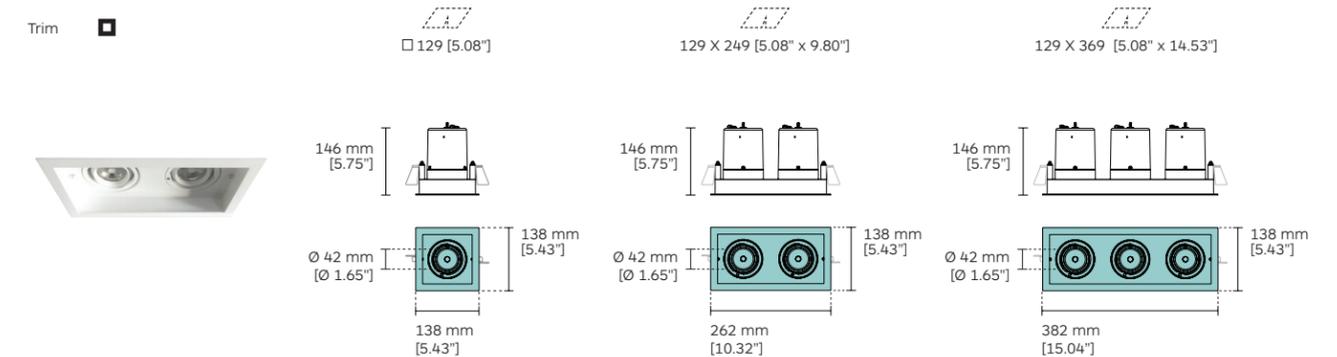


Moto-Multi Gimbal 60

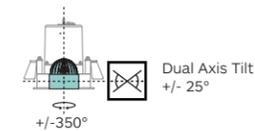
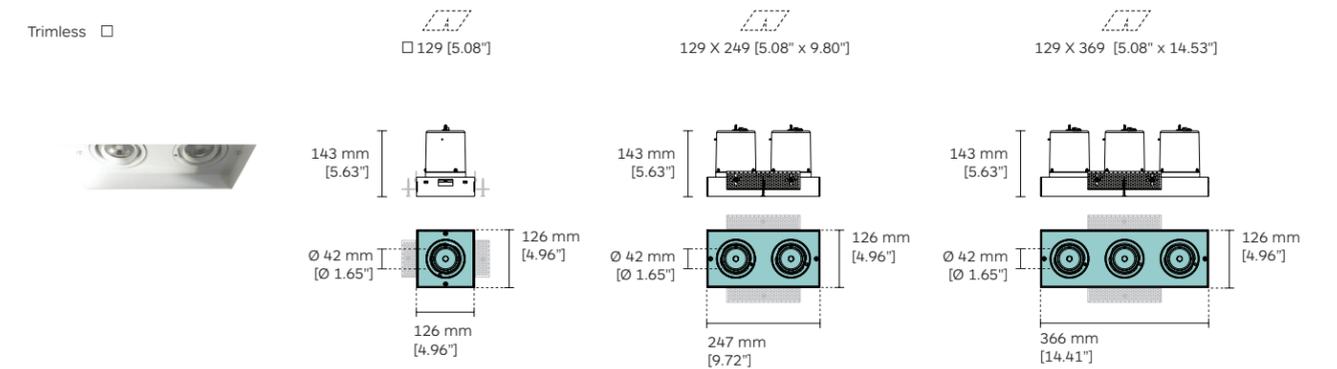
Single, Double & Triple



Trim



Trimless

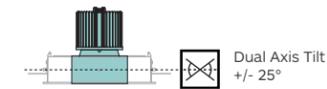
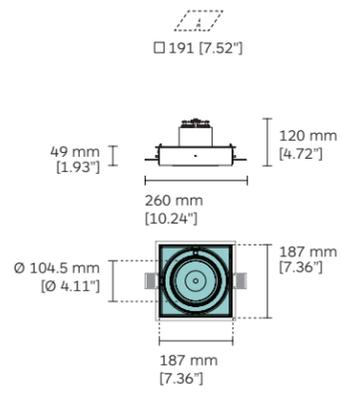
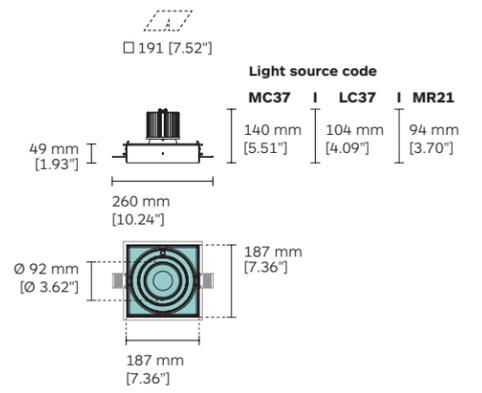
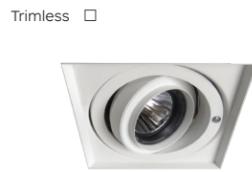
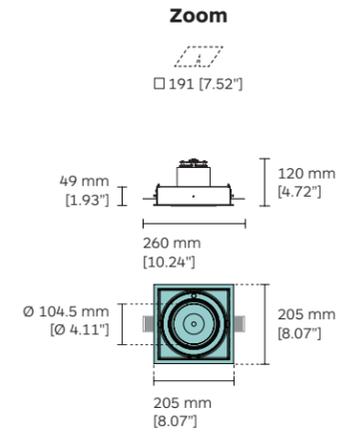
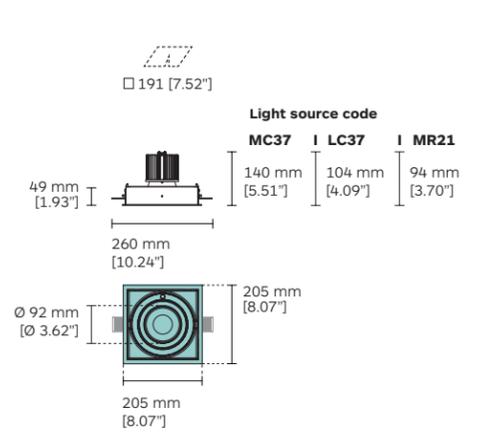
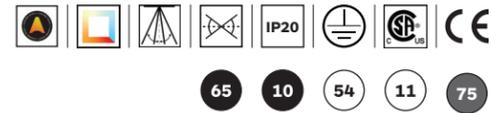


		Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
CRI>90 3000K High Efficacy	Moto - Multi Gimbal 60 Single	M534 <input type="checkbox"/> x1	MC24	8W	1248 lm	18° / 24° / 36°	DC CASAMBI	27 2700K
		M536 <input type="checkbox"/>					DA Dali Dim	30 3000K
	Moto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

Please visit our website for detailed information.

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

Single



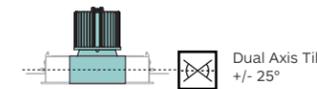
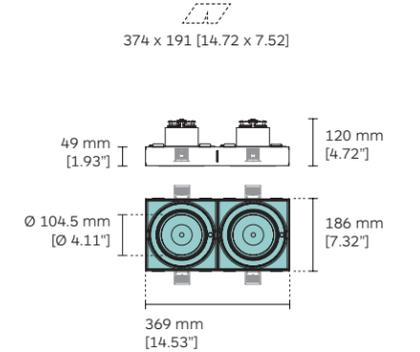
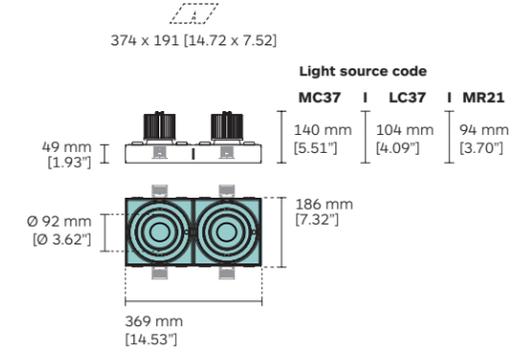
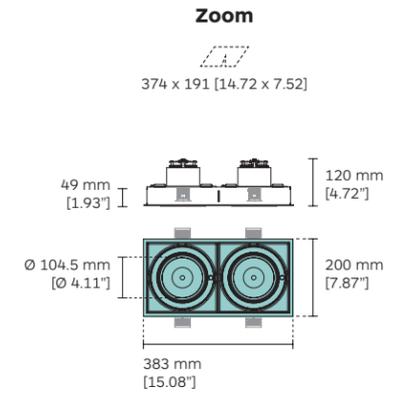
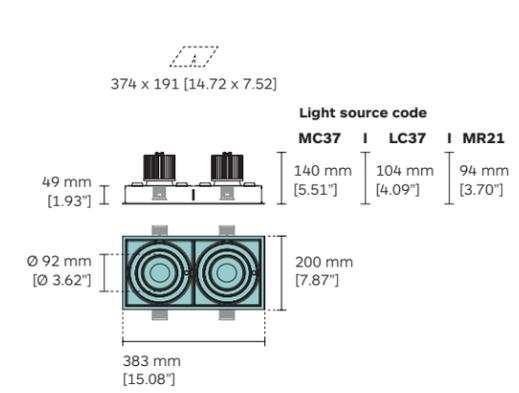
	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	*CCT Options
CRI>90 3000K High Efficacy	Moto - Multi Gimbalo 130 Single	M501 □ x1	MC37	33W	3726 lm	12° / 22° / 32°	DC CASAMBI 27 2700K
		M502 □	LC37	25W	2985 lm	12° / 27° / 55°	DA Dali Dim 30 3000K
			MR21	18W	1948 lm	07° / 21° / 36°	D1 0-10V Dim 35 3500K DX DMX 40 4000K
	Moto - Multi Gimbalo Zoom 130 Single	M582 □ x1	HN21	25W	2507 lm	BS (07° - 18°)	DC CASAMBI T6 ¹ 2700K - 5000K
		M583 □	MC37	29W	3357 lm	BS (14° - 42°)	

¹ 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



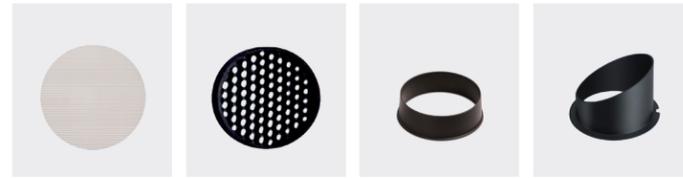
	Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	*CCT Options
CRI>90 3000K High Efficacy	Moto - Multi Gimbalo 130 Double	M503 □ x2	MC37	2x33W	7452 lm	12° / 22° / 32°	DC CASAMBI 27 2700K
		M504 □	LC37	2x25W	5970 lm	12° / 27° / 55°	DA Dali Dim 30 3000K
			MR21	2x18W	3896 lm	07° / 21° / 36°	D1 0-10V Dim 35 3500K DX DMX 40 4000K
	Moto - Multi Gimbalo Zoom 130 Double	M584 □ x2	HN21	2x25W	5014 lm	BS (07° - 18°)	DC CASAMBI T6 ¹ 2700K - 5000K
		M585 □	MC37	2x29W	6714 lm	BS (14° - 42°)	

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

BS: Beam Shaping.

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	/

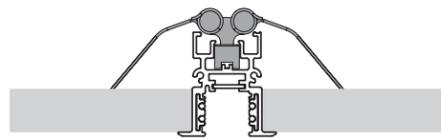


Product / Optical Accessories		Glare Shield Colours 10, 11 Available in 3 lengths. L: 486mm / 966mm / 1386mm
Linear	Moto-Fronteluce Pro	2H35

EVO 48V Track System Options

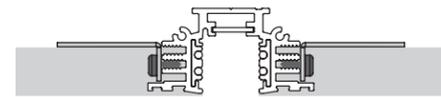
Recessed Trim Track

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



Recessed Trimless Track

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

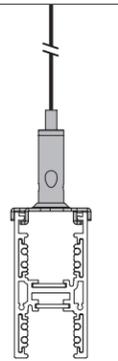


Pendant Track

2ST6 +
Pendant
Kits
Art.9226

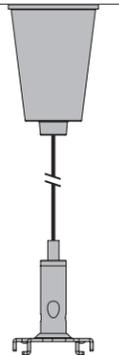


2ST7 +
Pendant
Kits
Art.9226



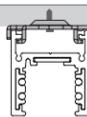
Pendant Kit

Pendant
Kit
Art. 9226

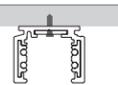


Surface Track

2ST6 +
Surface
Kits
Art.9225



2ST1

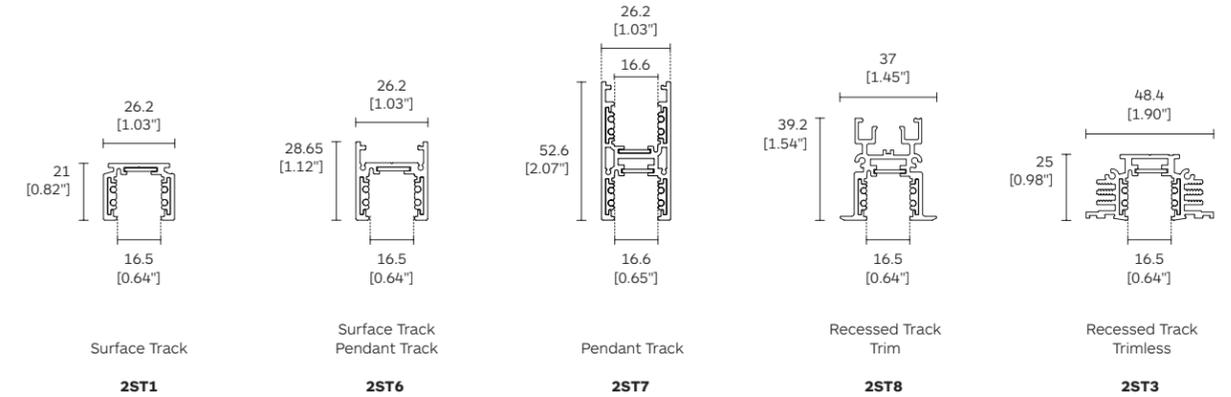


Surface Kit

Surface
Kit
Art. 9225



EVO 48V Track Profiles



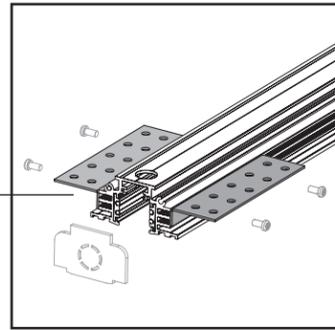
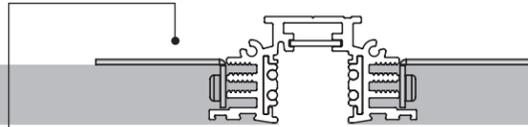
Compatibility

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	✓	✓

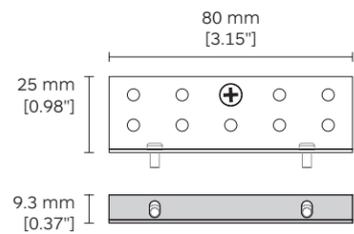
All dimensions in the catalogue in mm & [inches].

Installation Components

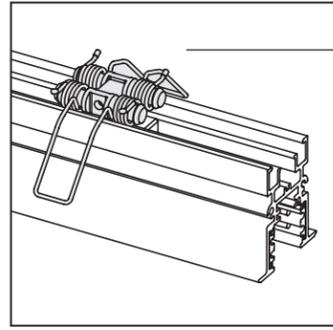
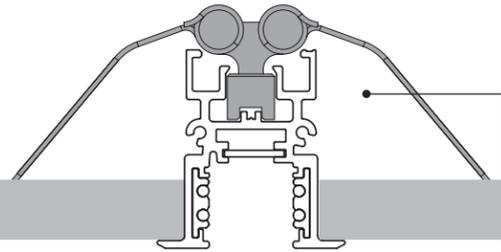
2ST3
Recessed Trimless Track



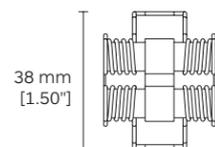
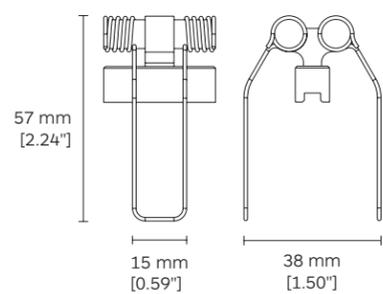
Bracket for 2ST3 Trimless Track
Art. 9201



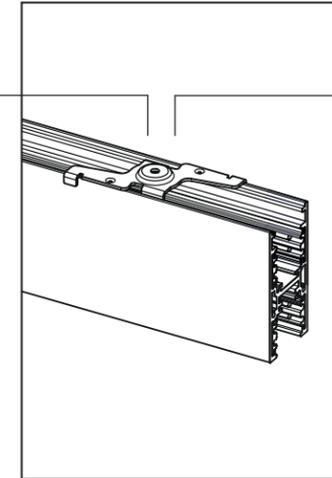
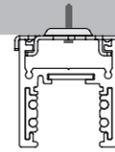
2ST8
Recessed Trim Track



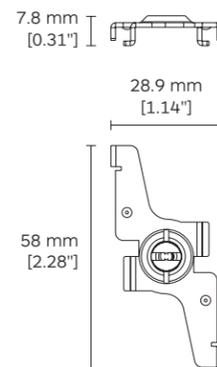
Bracket with Spring for 2ST8
Art. 9202



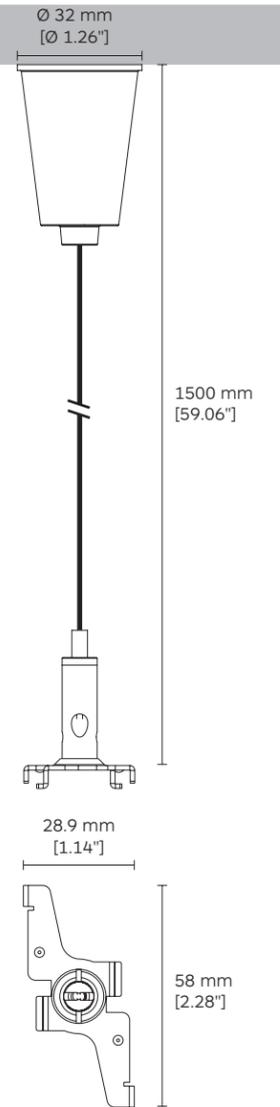
Surface
Track



Clamp
Art. 9225



Pendant
Track



Clamp with wire Hanger
Art. 9226

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

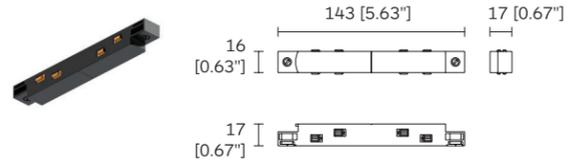
All dimensions in the catalogue in mm & [inches].

Accessories

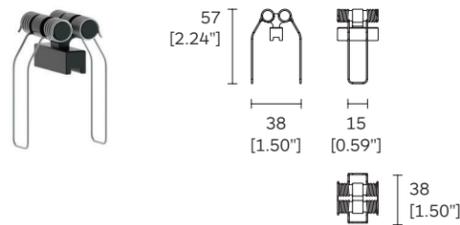
9201 Trimless Bracket (For 2ST3)



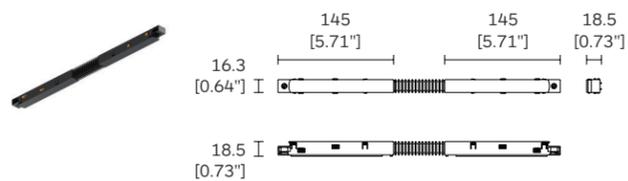
9208 Short jointing connector in polarized version



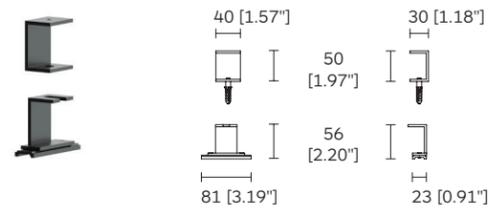
9202 Bracket with spring (For 2ST8)



9210 Adjustable corner in polarized version

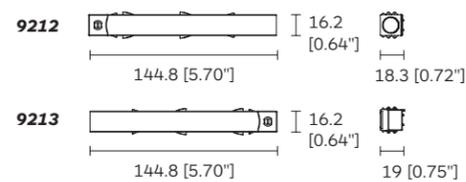


9203 Track suspension rod accessories (for 2ST8)

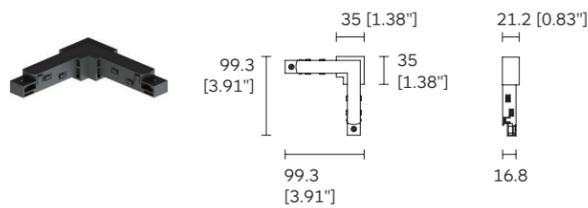


9212 End feed in polarized version (Left)

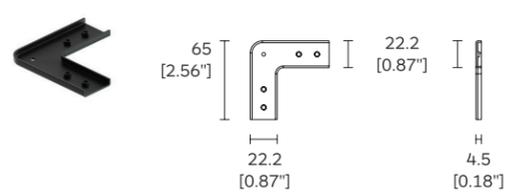
9213 End feed in polarized version (Right)



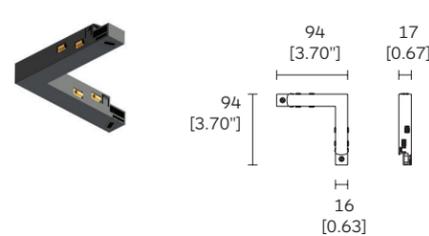
9205 L feed with shell



9215 L Bracket for angles

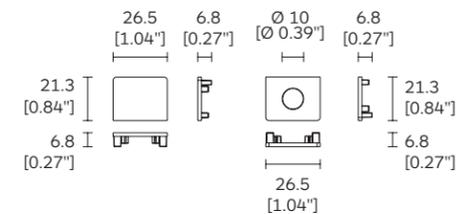


9206 Internal L feed in polarized version



9216 End Cap (For 2ST1)

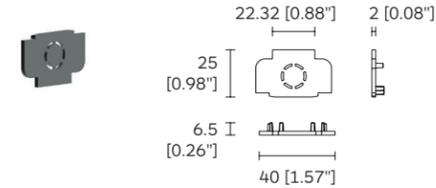
9217 End Cap with Hole (For 2ST1)



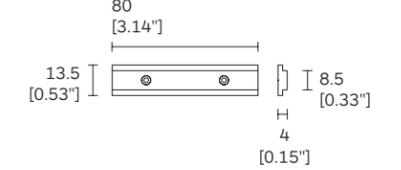
All dimensions in the catalogue in mm & [inches].

Accessories

9220 End Cap (For 2ST3)

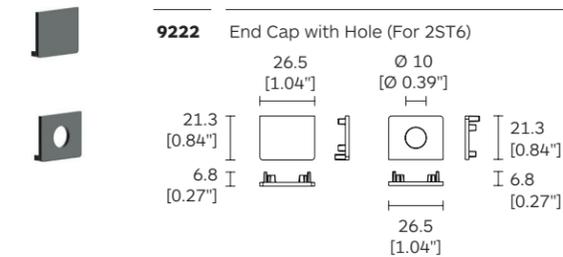


9227 Reinforcing bracket for jointing connector

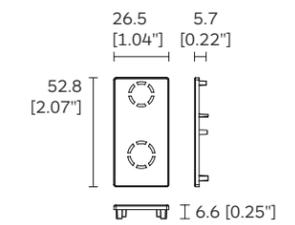


9221 End Cap (For 2ST6)

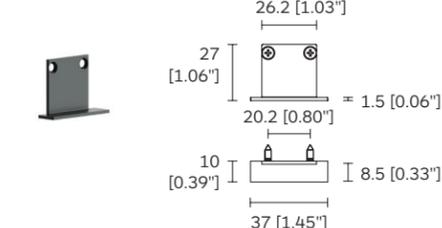
9222 End Cap with Hole (For 2ST6)



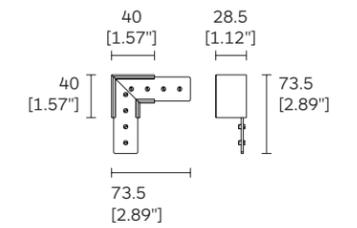
9230 End Cap (For 2ST7)



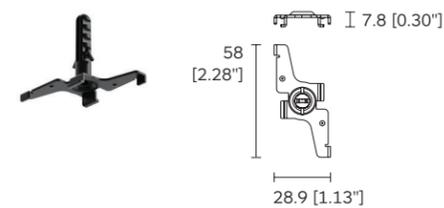
9223 End Cap (For 2ST8)



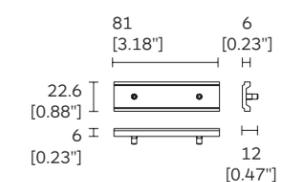
9231 Cover for L joint (For 2ST6)



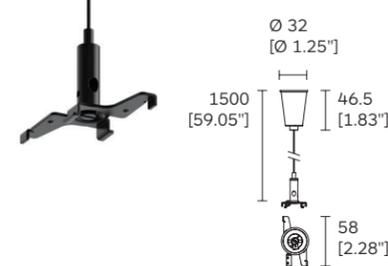
9225 Clamp



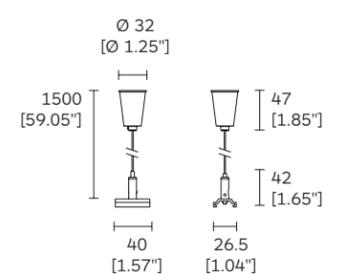
9234 Bracket for jointing connector



9226 Clamp with wire hanger



9265 Wire hanger (for 2ST1)



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

Accessories

9266 Wire hanger (for 2pcs 2ST1)

9285 Cover for L joint (For 2ST7)

9278 Straight connector with wire hanger

2G45N Narrow width cover

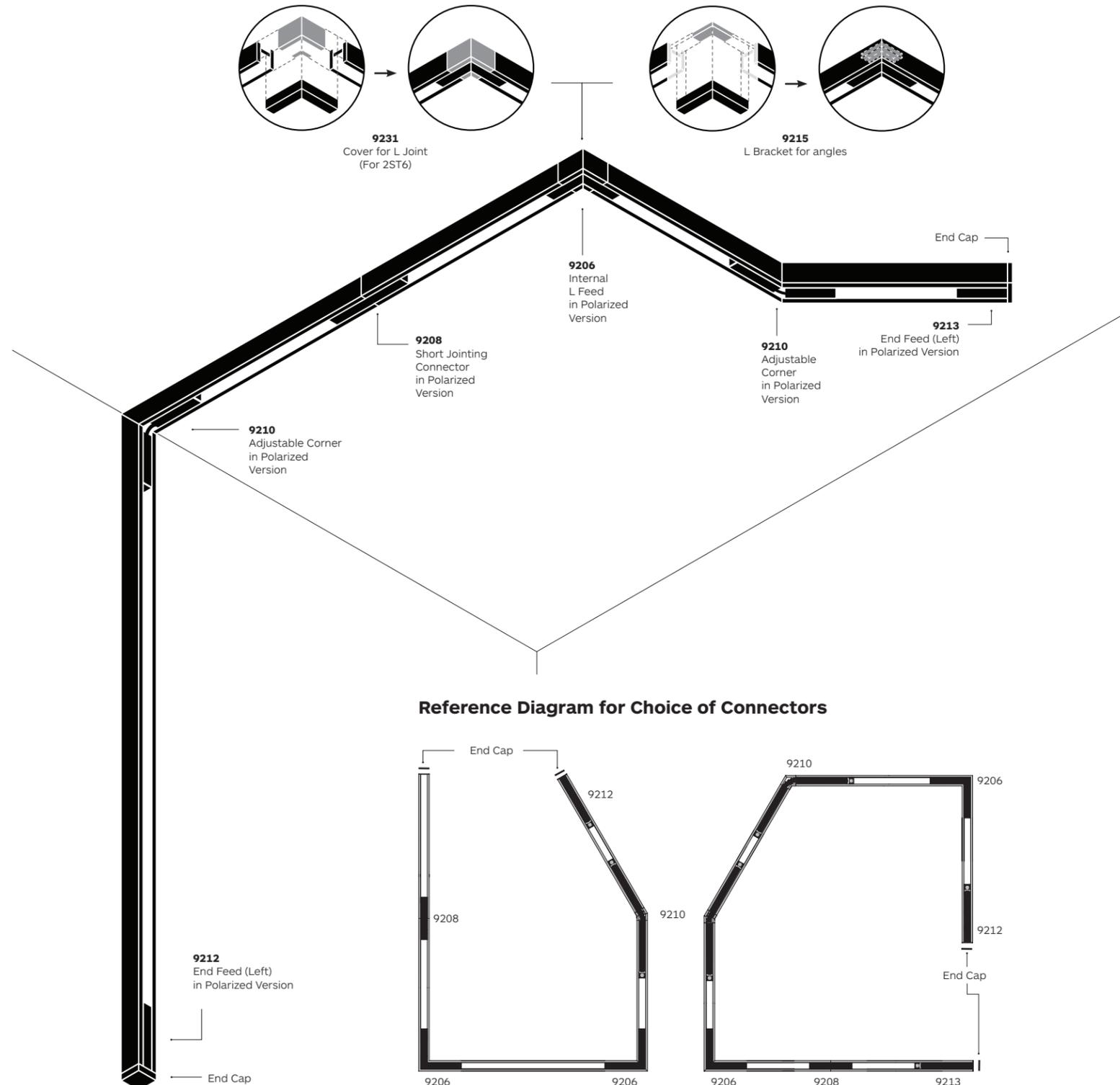
9279 Straight connector with wire hanger

2G45W Wide width cover

9280 L connector (For 2ST7)

2G54 L Angle connector

9281 Straight connector (For 2ST7)



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

Power Supply & Control Options

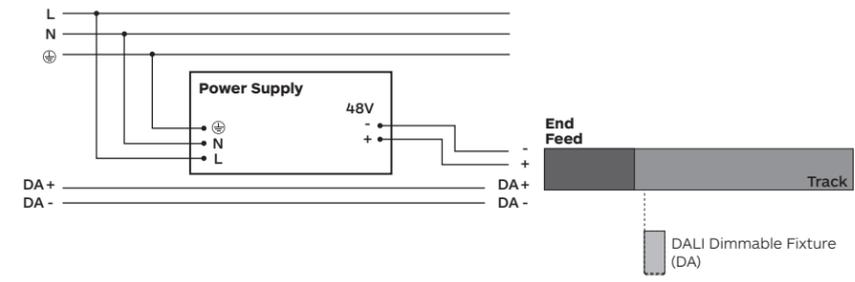
Power Supply



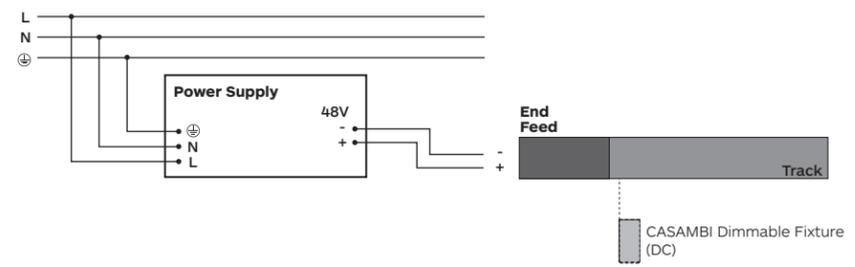
220-240VAC input, 48VDC output 75w power supply for low voltage track
 220-240VAC input, 48VDC output 150w power supply for low voltage track
 220-240VAC input, 48VDC output 100W power supply for low voltage track
 220-240VAC input, 48VDC output 200W power supply for low voltage track
 220-240VAC input,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

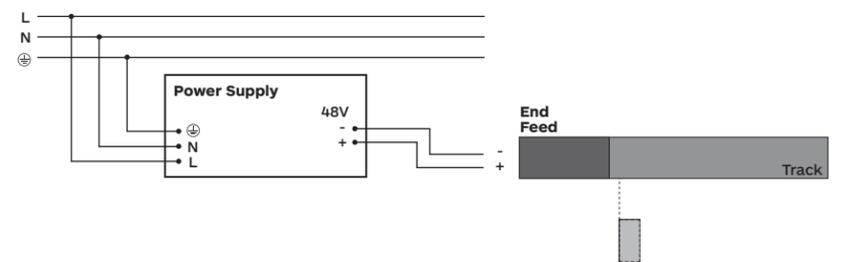
Universal DALI



Bluetooth wireless Control



Fixed Output



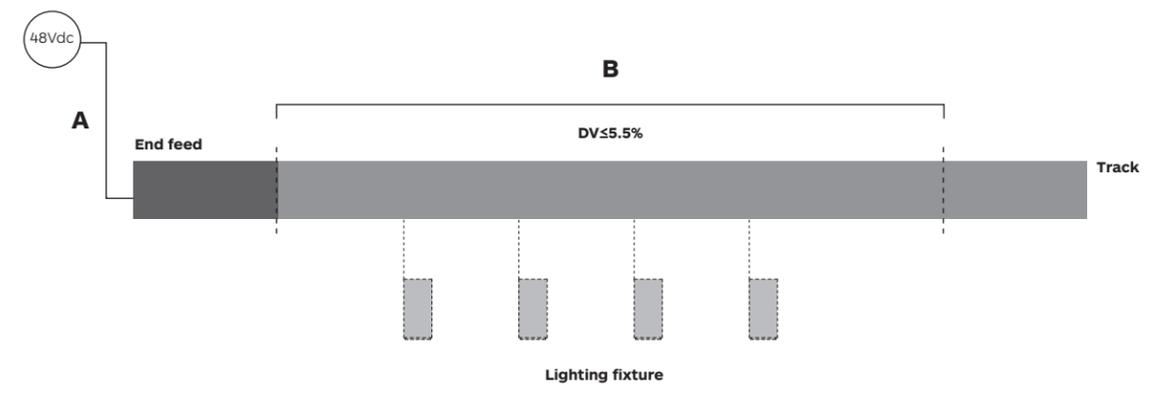
All dimensions in the catalogue in mm & [inches].

Drop Voltage Table

Power Supply (W)	A Distance power supply/feed unit (2x1.5mm 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
	2000	2m
	3000	3m

Product Code	Length Code	Length (L)	Finish
2D66	1000	1m	10 Black 11 White 75 Grey
	2000	2m	
	3000	3m	

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.

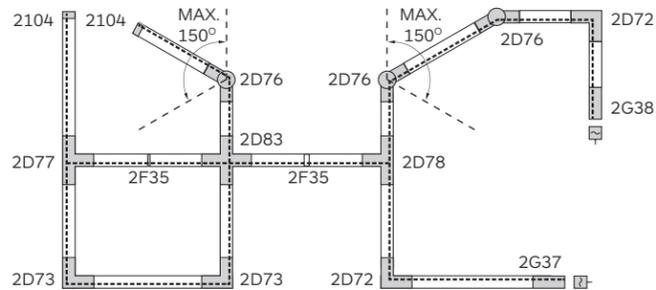
Equipped with three separately controllable current circuits.

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

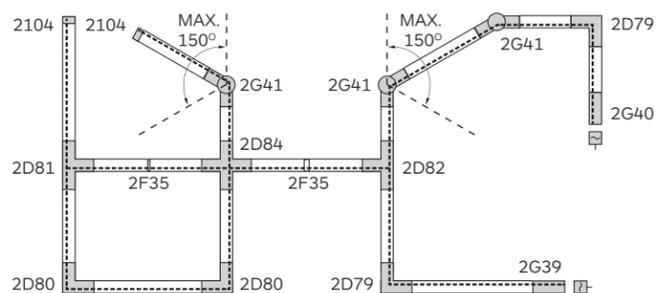


The drawing is Reflected Ceiling View.
 Directive Lug on the back of connectors.

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



2105* Mechanical Coupler

2106* Ceiling Bracket

2108* Wire Hanger

Accessories



2D69 Feeder (Right) for Surface track
2D70 Feeder (Left) for Surface track

2D76 Flexible Connector for Surface track

2D72 L Connector (Right) for Surface track
2D73 L Connector (Left) for Surface track

2D83 X Connector for Surface track

2D77 T Connector (Right) for Surface track
2D78 T Connector (Left) for Surface track

2D84 X Connector for Recessed track

2D74 Feeder (Right) for Recessed track
2D75 Feeder (Left) for Recessed track

2105 Concealed Connector

2D79 L Connector (Right) for Recessed track
2D80 L Connector (Left) for Recessed track

2104 End Cap

2D81 T Connector (Right) for Recessed track
2D82 T Connector (Left) for Recessed track

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

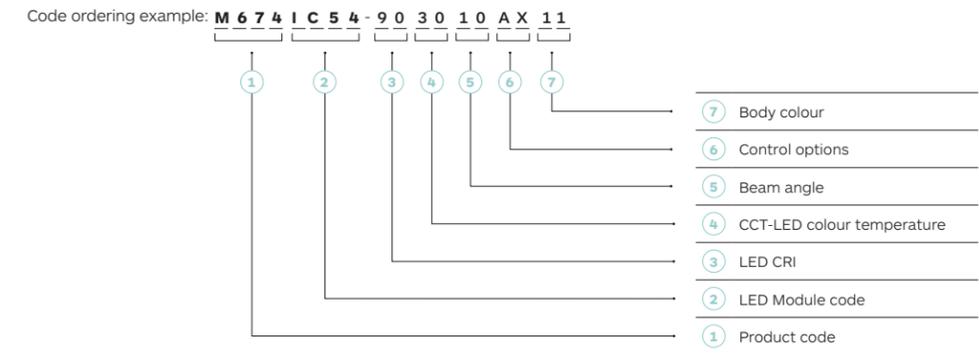
IP__ Degree of Ingress Protection

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

Body Color

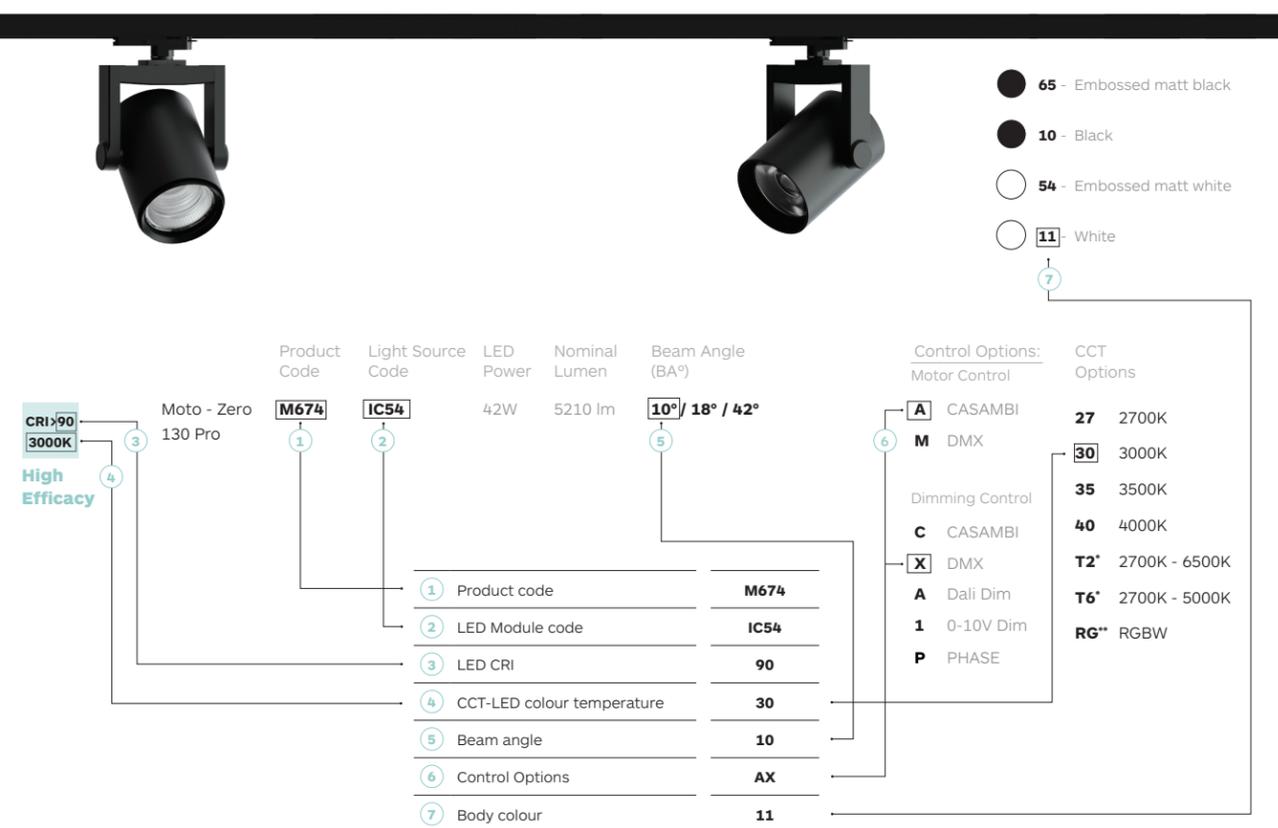
10 Black (RAL 9004)	65 Embossed matt black (RAL 9017)
11 White (RAL 9003)	54 Embossed matt white (RAL 9016)
75 Grey	35 Gold

Code System for MOTOLUX PRO



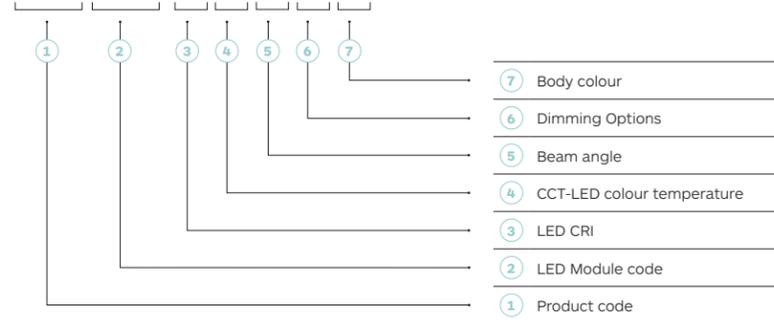
LED CRI	CCT-LED Colour temperature	Control Options:	Body Colour
90 CRI > 90	27 Warm White 2700K	Motor Options	10 Black (RAL 9004)
	30 Warm White 3000K	A CASAMBI	11 White (RAL 9003)
	35 Warm White 3500K	M DMX	54 Embossed matt white
	40 Warm White 4000K		65 Embossed matt black
	RG RGBW	Dimming Options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

How to order



Code System for Standard MOTOLUX Products

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



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		

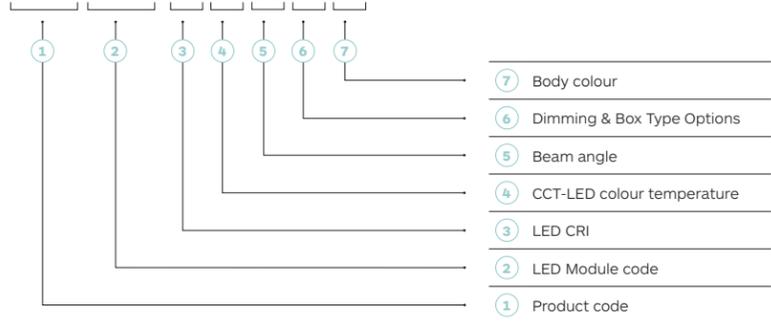
How to order

Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming Options	CCT Options
Moto-Zero 40	M901	6W	705 lm	16° / 26° / 36°	DC CASAMBI	27 2700K
						30 3000K
						35 3500K
						40 4000K
						T2 2700K - 6500K

① Product code: **M901**
② LED Module code: **BC31**
③ LED CRI: **90**
④ CCT-LED colour temperature: **30**
⑤ Beam angle: **36**
⑥ Dimming Options: **DC**
⑦ Body colour: **11**

Code System for products with Box Type Options

Code ordering example: **M 6 2 1 B R 2 1 - 9 0 3 0 0 5 SA 1 1**



LED CRI	CCT-LED Colour temperature	Dimming Options:		Body Colour
90 CRI > 90	27 Warm White 2700K	Box Type D	Box Type S	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

Product Code	Light Source Code	LED Power	Nominal Lumen	Beam Angle (BA°)	Dimming & Box Type Options
Moto - Zero 66	M621	26W	2450 lm	15° / 23° / 45°	DC CASAMBI
		6W	530 lm	05°	SA Dali Dim
					D1 0-10V Dim
					SX DMX
					DC CASAMBI
					SA Dali Dim
					D1 0-10V Dim
					SX DMX

① Product code: **M621**
② LED Module code: **BR22**
③ LED CRI: **90**
④ CCT-LED colour temperature: **30**
⑤ Beam angle: **05**
⑥ Dimming & Box Type Options: **SA**
⑦ Body colour: **11**

CCT Options:
27 2700K
30 3000K
35 3500K
40 4000K
T2 2700K - 6500K

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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