



LUMINAIRE

Galarneau

caimeta®

AIoT LIGHTING SYSTEM
FOR THE CONNECTED AND DIGITAL ERA



SMART
LIGHTING
CONTROL

CONTENTS

Introduction	01-27	Linear Lights	83-84
What is CAIMETA®	01-06	SKYLINE	83-84
What can CAIMETA® do for you	07-24		
Discover more on CAIMETA®	25-27	Pendant Light	85-86
		VIBRANT	85-86
Gateway	28-30		
Caimeta Gateway	28-30	48V Magnetic Lights	87-90
		Aura LV Linear Track Lights	87-88
Sensors & Control Devices	31-38	Meta 2 LV Track Lights	89-90
Smart Space Sensor	31-32		
Smart Space Sensor Plus 2	33-34	Caimeta Drivers	91-92
Caimeta Smart Sensor	35-36	One channel output BLE driver	91
Caimeta Scene Switch	37-38	Two channels output BLE driver	92
AI Smart Track Lights	39-66	BLE Mesh Controllers	93-97
Kano Track Lights	39-42	Phase-cut BLE Mesh Controller	94
Sara Track Lights	43-46	DALI 2 BLE Mesh Controller	95
Sara Contour Track Lights	47-48	RGBCW LED BLE Mesh Controller	96
Meta 2 Spotlights & Pendant Lights	49-52	2ch 0/1-10V BLE Mesh Controller	97
Meta 2 Contour Spotlights	53-54		
Meta Uni Spotlights (wireless free)	55-56	Portable Demo Tool	98
Milo G2 Wall Washer track Lights	57-60	Caimeta D70/D60 Portable Demo Tool & Demo Tool Tripod	98
AURA UNI Spotlights	61-62		
Luma Linear Track Light	63-66		
		Tools for Easy Installation	99-100
		Laser AimLit	99-100

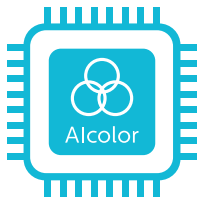
What is caimeta[®]?

The CAi META[®] platform is the world's first AI-powered lighting management and consumption data collection platform that combines two functions in a single package. It utilizes cutting-edge AI technology to achieve autonomous lighting control solutions that cater to the specialized color lighting needs of different products, reducing the difficulties of differentiation throughout the entire production and installation process. Through the CAIMETA[®] platform, merchants can better manage store lighting, collect and analyze customer shopping behaviors and preferences, understand customers' needs and consumption habits, and carry out targeted promotion and marketing activities. They can also optimize product display and presentation, improving product display effects and sales opportunities. At the same time, physical stores can use the platform's data analysis functions to understand store traffic and customer behavior, improving store operational efficiency and customer experience.

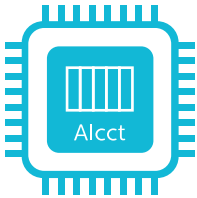


More value with CAIMETA® innovation

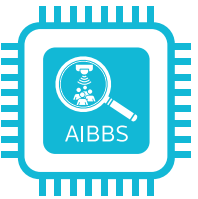
CAIMETA®, an intelligent lighting system with AI-powered color recognition, featuring intelligent lighting control, data collection and analysis for store optimization, and occupancy sensing for energy saving and commodity protection. These key technologies bring you benefits beyond lighting.



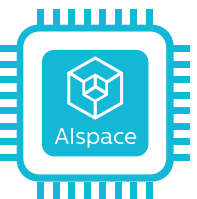
Color recognition (Alcolor™) implemented using advanced AI algorithms brings great innovation to lighting, enabling the production and distribution of luminaires with reduced SKUs and easier installation. The system adapts to the detected commodities type and color automatically, ensuring that the emitted light is of the highest quality and most attractive to customers. This significantly reduces the need for product changes, allowing businesses to offer a wider range of products without compromising on quality.



Alcct™, an entry-level AI lighting feature that complements Alcolor, offers a simplified yet great solution for retail lighting. This user-friendly system covers a color temperature range from 2700K to 6500K, enabling the lights to automatically detect and adjust their color temperature to match the hues of the merchandise being illuminated. By guaranteeing that each product is showcased with the optimal color temperature, Alcct presents a cost-effective method to boost customer engagement and satisfaction.



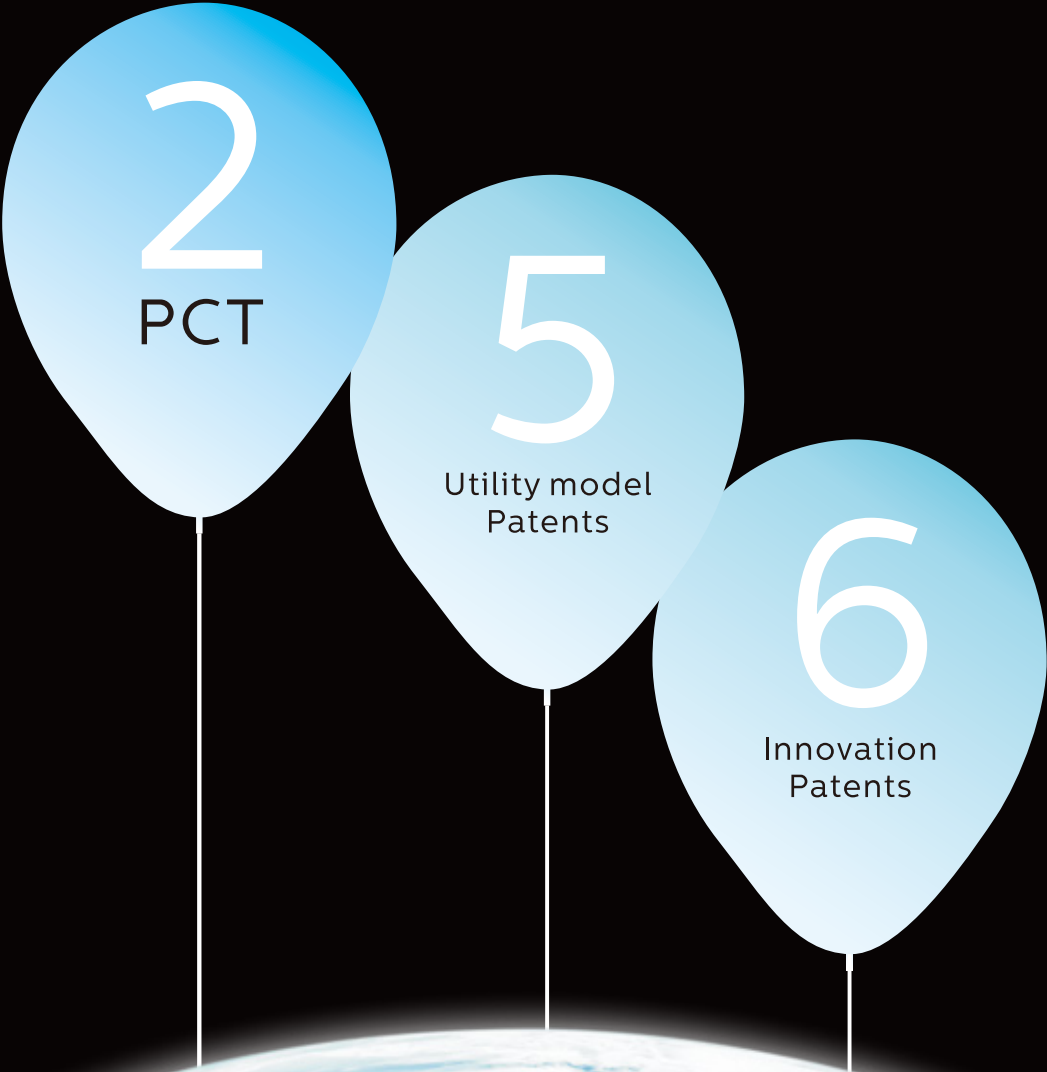
Data collection and analysis (AIBBS™) for store optimization is another key feature of CAIMETA® allowing shop owners to optimize their product development, traffic flow, and sales strategies to improve customer experience and increase sales. The system allows shop owners to collect data on each specified commodity and customer behavior, which can be used to identify patterns in commodity preference, identify busy and inefficient areas, and identify opportunities for future commodity development. By optimizing their store operations, shop owners can improve sales and provide customers with a better experience.



Occupancy sensing for energy saving (Alspace™) is another significant feature of CAIMETA®. The system incorporates occupancy sensing technology, which allows the system to adjust lighting levels and colors based on the presence or absence of customers in different areas of the store. This allows users to save money and reduce their environmental impact by reducing energy consumption.

Overall, CAIMETA® provides users with a personalized and efficient lighting solution that optimizes both lighting performance and energy consumption. Its advanced technology, intelligent lighting control, data collection and analysis, and occupancy sensing capabilities make it an effective solution for improving customer experience, increasing sales, and reducing energy consumption.

caimeta® PATENTS



THE KEY CAIMETA® BUSINESS AREAS

CAIMETA® is a widely popular business application platform that is widely applicable, mainly including the following categories:



- ▲ Car dealer
 - Improves the display of cars and makes them look shining and new under specified lighting conditions, and better understand your potential customers thanks to the in-store data.

- ▼ Furniture store
 - In the CAIMETA® light, furniture appears to be brand new rather than looks like second hand, and upgrades your store with data management.



- ▲ Fashion store & boutique
 - With the CAIMETA® light, clothing and accessories look higher end and better looking, also bring you data-driven for store management.

- ▼ Art gallery
 - Ensures the texture and color of art pieces are vivid.



- ▲ Supermarket & Food market
 - Enhances the freshness and appearance of food to attract shoppers.



- ▲ Exhibition
 - You know your visitors traffic flows and heatmap of your booth with the CAIMETA® technology

- ▼ Museum



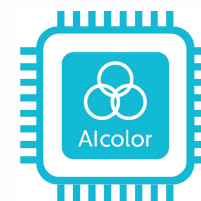
- ▲ Mineral & Crystal
 - The Alcolor™ provides the best lighting, which passes through the mineral and crystals, and further enhances the mineral, and crystals' inherent lustre, transparency, watery property, vividness, and cleanliness.

- ▼ Up-scaled Residential Application



What can
caimeta[®]
do for you?

LUMINAIRE
Galarneau



1

Adaptive Light Spectrum

Alcolor™, a colour sensing and super higher colour rendering system

Alcolor™ is a revolutionary lighting function that utilizes AI technology to achieve an adaptive light spectrum based on automatically detected commodity category and color. The AI algorithm inside actuates the lighting system to generate the best light spectrum for each specified commodity, effectively increasing sales and improving customer experience.



AUTO-MODE

The luminaires equipped with AI powered color sensor automatically adjust its light spectrum (CCT + Chromaticity Co-ordinate) based on detection. By default, Auto mode is activated, and the sensor on the spotlight detects product only when the light is turned on.



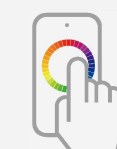
TAKE A PICTURE

By using "Take A PICTURE" on the app also can change the light spectrum same as the Auto-mode. However, once activated, the Auto-mode will be disabled unless it is re-activated.



PRIMARY & SECONDARY

In a group, one of the CAIMETA® devices equipped with a sensor can be set as the Primary device, and all the others will follow its light spectrum. This is extremely important to reduce the budget costs or where all the lights need to look the same.



COLOR SELECTION

The app's color selection feature is well-developed and makes it easier to duplicate Color Formula. After customizing the formula in DIY mode, you can set the generated color code and share it with other devices and stores.

TUNABLE WHITE?
COLOR FILTERS?
SPECIAL LEDS?



CAIMETA® ALL IN ONE DESIGN
Covering all lighting spectrum that you need

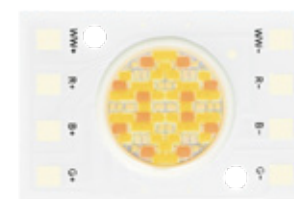


caimeta®

ADAPTIVE

INFINITE
LIGHT SPECTRUMS

1000 Alcolor auto-sensing
lighting spectrums

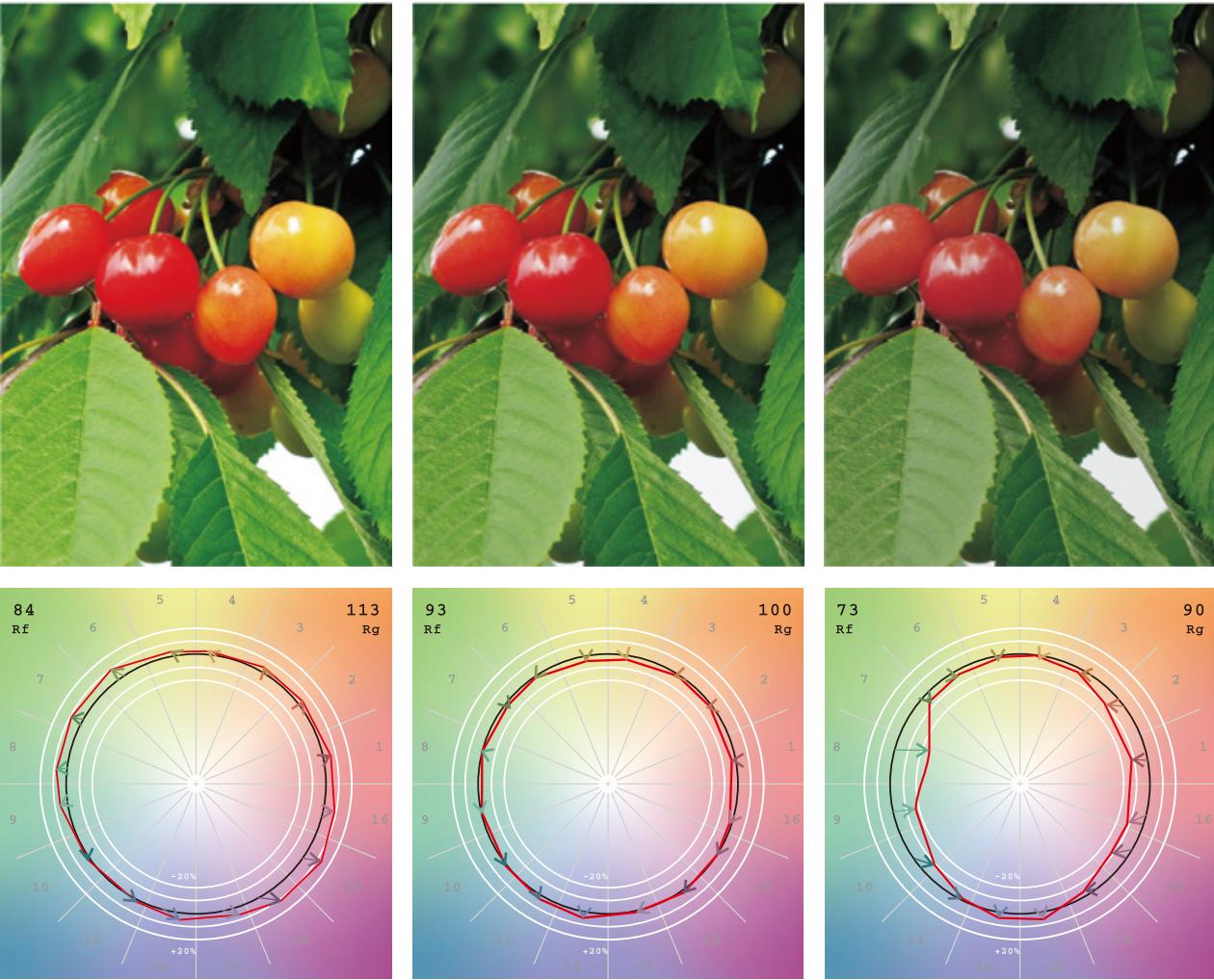


FEATURES & BENEFITS

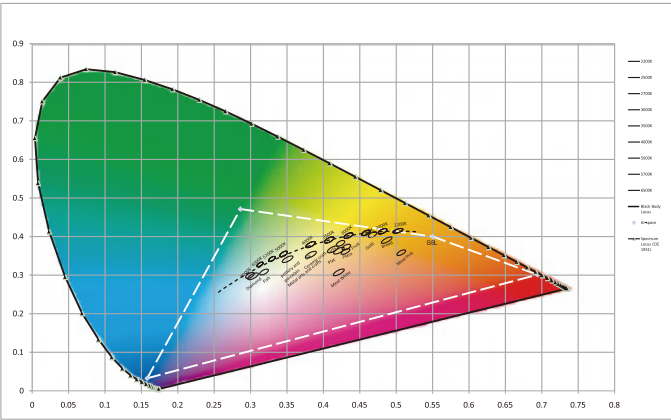
- The W+RGB COB LED Solution broadens the lighting spectrum.
- Thanks to the Wide Gamut Area, various specified lighting spectra can be included.
- High CRI 95 with color enhancement for specified color with Rg ~110.
- Offers higher color gamut --Gamut Area Index (GAI_BB15) value of ~110 (standard 90CRI LEDs are in the 50s)
- Renders all colors accurately --including red with up to R9 ~95
- Fewer inventory and easier installation thanks to the all in one design and the automatic color recognition.
- Don't need the Color Filters and stock all different luminaires with specified LEDs.
- Until now, the Alcolor™ has enabled auto-sensing of 1000 different lighting chromaticities, with infinite customization available.
- Alcolor™ increasing your sales by enhancing the appearance of products.
- Alcolor™ provides a one4all lighting solution that meets all lighting color request.
- Alcolor™ ensures the highest lighting quality and best color for exhibits and commodities, even after hanging seasons.
- Thanks to Alcolor™, users can avoid the concern of unsuitable lighting for commodities and enjoy the best possible lighting for specified needs.
- Attracting shoppers. differentiating your brand in a crowded market.

TECH KNOW HOW

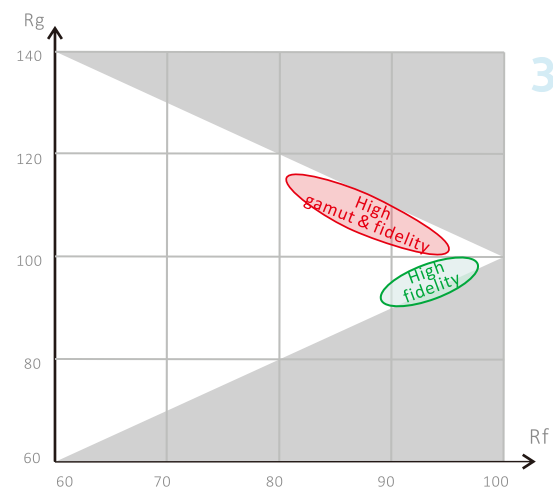
TM-30, The Gamut Index Rg & Color Enhancing



CAIMETA® Covers Wider Gamut Area — ALL IN ONE



CAIMETA® Rf - Rg Diagram

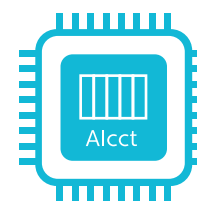


1. Usually, a higher Rg enhances the visual attractiveness of the product, giving it a fresh and attractive appearance to customers. However, excessively high Rg can lead to distortion.
2. CAIMETA® covers wider gamut area, reaching where every commodity need. In theory, all chromaticity within the triangular area can be achieved.
3. CAIMETA®: Automated Balancing for Vibrant and Accurate Colors in Optimal Lighting.

Traditional or CAIMETA®: WHAT IS THE DIFFERENCE?



What can
caimeta[®]
do for you?

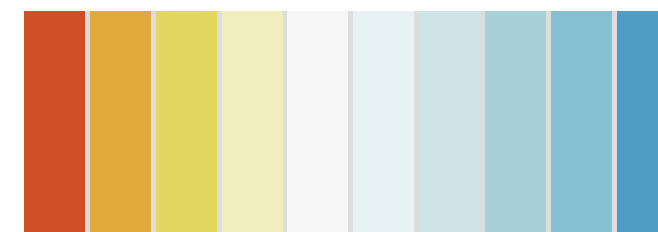


2

Adaptive Color Temperature

Alcct™, your smart adaptive tunable white lighting for retail excellence.

Alcct™ harnesses the power of AI to deliver an adaptive lighting experience that responds to the colors and categories of your merchandise. This entry-level feature of our lighting system ensures each product is bathed in lighting that brings out its true essence, just like its advanced counterpart, Alcolor.



Features & Benefits

Wide Color Temperature Range:

Alcct's LED solution provides a versatile spectrum from warm to cool lighting, ensuring the perfect accent lighting for any retail projects.

Automatic Color Recognition:

Intelligently adapts to merchandise color, delivering the most flattering and true color representation for products, enhancing their visual appeal.

All-in-One Design:

A single, adaptable lighting solution that simplifies inventory and installation processes, eliminating the need for multiple fixtures to meet diverse lighting needs.

Sales Boosting:

By creating the true appeal of products, Alcct is designed to attract shoppers and increase sales, making it an invaluable asset for any retail environment.

Plug & Play Design:

Enjoy the convenience of immediate lighting with no need for complex wireless configurations or commissioning.

Integrated Control:

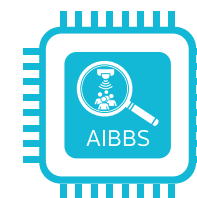
The AI system detects and controls lighting automatically, ensuring seamless operation without reliance on external wireless controls.

Privacy Assurance:

With 100% local processing without any wireless connection.

*Alcct detection every 20 minute

What can
caimeta[®]
do for you?



3

AI business boost system for retailers, add more value beyond lighting

The AIoT lighting control for the store of the future

The Kinglumi AIBBS™ is an AI-powered business boost system designed for retailers, delivering value that extends far beyond intelligent lighting control. This AIoT platform captures physical store shopping behaviors in real time—similar to online shopping analytics—enabling stores and supermarkets to track key metrics. It empowers smarter decision-making and enhances operational efficiency.

Our system integrates multiple sensor technologies to gather comprehensive in-store data: The Dual Sensor Luminaires combine a color sensor with a dedicated data-driven sensor that captures Dwell Time and Foot Traffic. It can also associate Commodity Scanned Barcode information with customer interactions within a 70-degree detection angle. All data is available for cross-store comparison.

The Smart Space Sensor supports shopper counting via enter/exit monitoring and generates store heatmaps with a wider detection angle of 90 or 120 degrees. Together, these technologies provide retailers with a seamless, real-time understanding of customer behavior and product performance, helping them deliver connected, competitive experiences faster and more effectively.



Data-driven



Dwell



Heatmap



Dashboard



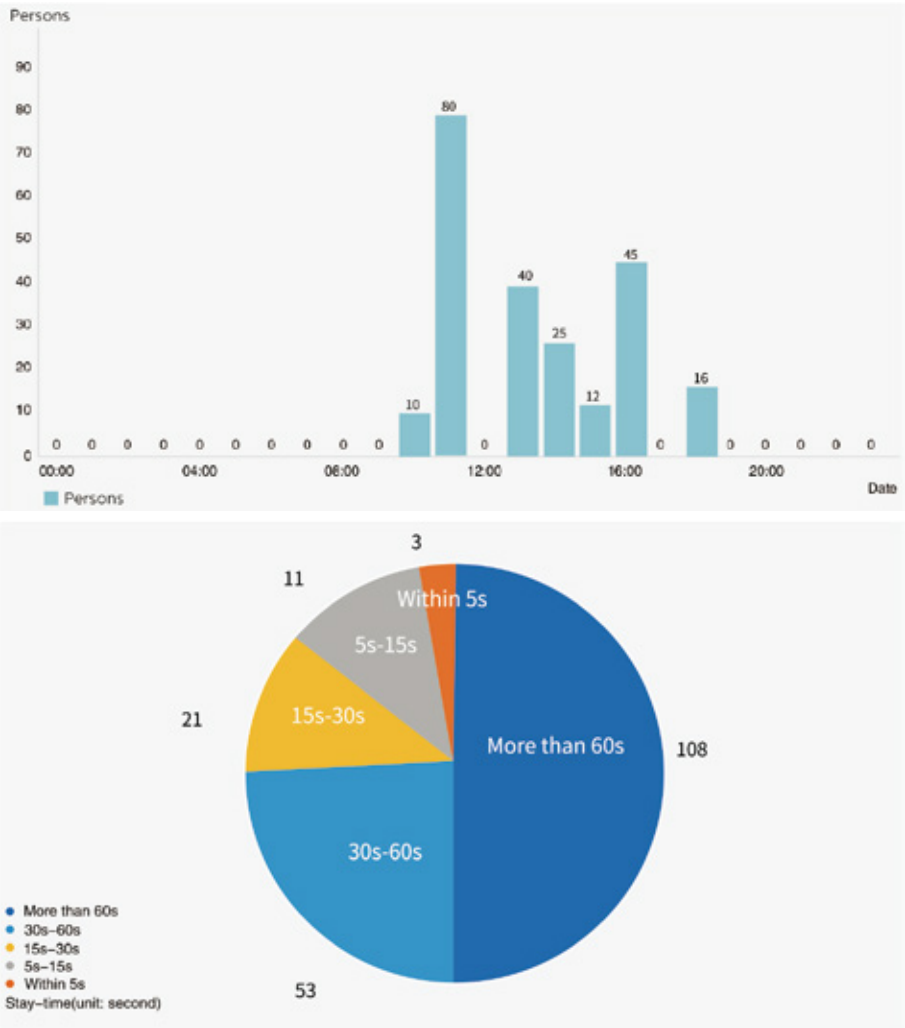
API Interface

Features & Benefits

AIBBS™ addresses the biggest challenges physical stores facing. It collects data: shopper number, dwell time,store name, and region data based on specific commodities, and it can provide severalbenefits:

- IMPROVED SALES PERFORMANCE
By analyzing the data collected, stores can identify strengths and weaknesses in their sales performance. They can take actions to improve their sales performance by creating more effective marketing campaigns or adjustingpricing strategies.
- IMPROVEDINVENTORY MANAGEMENT
By tracking the purchasing behavior of shoppers in specific regions, stores can better manage their inventory. They can make data-driven decisions on what products to stock, how much to stock, and when to stock them.
- BETTER CUSTOMER EXPERIENCE
By monitoring the dwell time of shoppers, stores can identify high-traffic areas that require more attention. They can also identify areas that are not attractive to shoppers and make changes to improve the customer experience.
- PERSONALIZED MARKETING
By collecting data on shopper number, stores can classify their shoppers and create personalized marketingcampaigns. They can target specific customers with relevant offers or advertisements.
- COMPETITIVE ADVANTAGE
By leveraging the data, stores can gain a competitive advantage over their competitors. They can use the insights gained to create a better shopping experience, improve customer service, and increase sales.
- ADMINISTRATION BY DIFFERENT POSITION
Diferent position of management and staff has the different access to the data and dashboard.

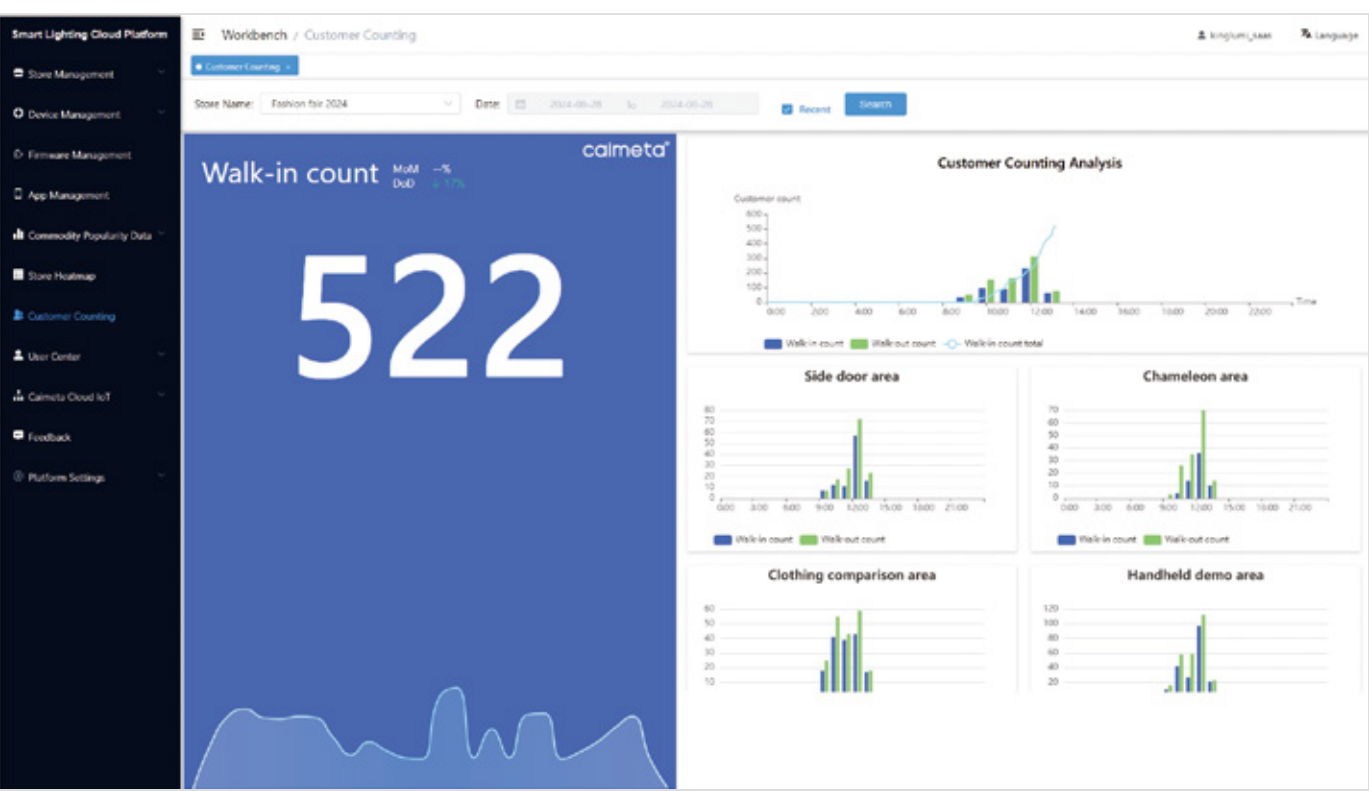
Current Dashboard



Revolutionizing Retail Intelligence: AIBBS's Future

The AIBBS system, powered by sensors, AI, and cloud, revolutionizes physical stores. Similar to online shops, it empowers retailers with objective data analysis. AI automate insights into consumer behavior, aiding precise decisions. AIBBS enhances data access, becoming a strategic business partner. It captures real-time data through advanced sensors, while AI reveal consumer trends. An upgraded interface simplifies information management. AIBBS delivers value to retailers and enterprises, evolving from data tool to strategic ally. It facilitates smart decisions, boosts efficiency, ensuring competitiveness in the market.

Store Heatmap



Heatmap



Data Collection Metrics



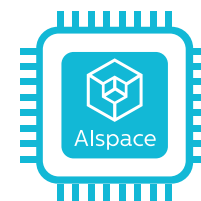
Pipeline



What can
caimeta[®]
do for you?

LUMINAIRE
Galarneau

4



Advanced Alspace Management

Revolutionizing Retail Lighting for Efficiency and Protection Management

A comprehensive system that integrates absence lighting, commodity protection, and energy management to create an efficient and protective retail lighting environment based on traffic and conditions.



Absence
Sensor



Commodity
Protection



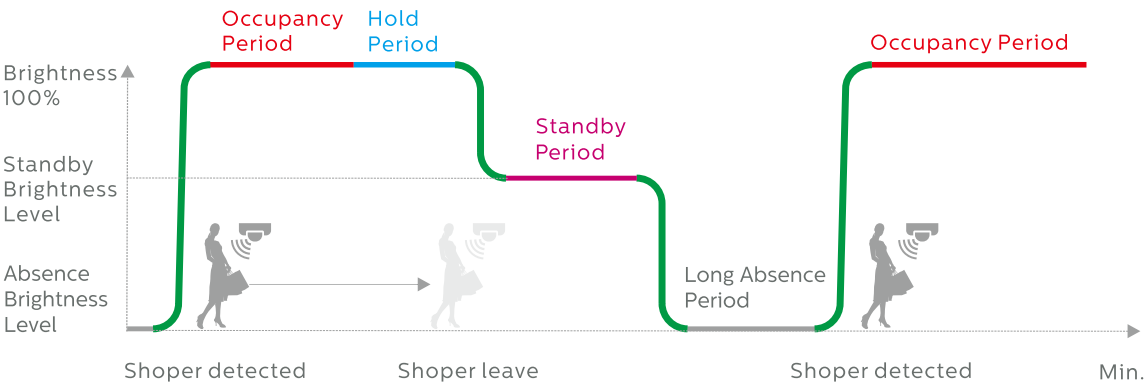
Energy
Management

Features & Benefits

- Precision Detection:**
Advanced sensors for real-time shopper presence, optimizing lighting for customer comfort and energy efficiency.
- Configurable Setting:**
Tailor three different lighting scenes to meet specific needs and schedules, ensuring energy savings and effective commodity protection.
- Quick-Set Protection:**
Easily select settings to determine a protective light spectrum and brightness, preventing damage from excessive light and safeguarding your merchandise.
- Energy Conservation:**
Intelligent scene adjustment and automatic dimming when areas are unoccupied, leading to significant energy savings.
- Sustainability:**
Reduces CO₂ emissions by implementing a sustainable lighting strategy that aligns with environmental goals.
- Brand Consistency:**
Ensures a consistent and enhanced shopping experience, supporting your brand's image and values.

Advanced Energy Saving

- Intelligent Control for Maximum Energy Savings**
- Alspace uses advanced absence sensing detection when areas are unoccupied, automatically dimming lights to conserve energy.
 - Ensures a well-lit environment for customers while reducing energy costs and CO₂ emissions.



***Note:**
• Commodity Protection Light Scene available for setting at the standby and long absence period.

Commodity Protection

- Tailored Lighting to Safeguard Your Merchandise When Unoccupied**
- Custom light formulas protect various materials from harmful light exposure, preserving the quality and appearance of displayed items.
 - Alspace's lighting solutions are designed to extend the lifespan of your products, reducing the need for replacements.



Color Fading Aging Deterioration

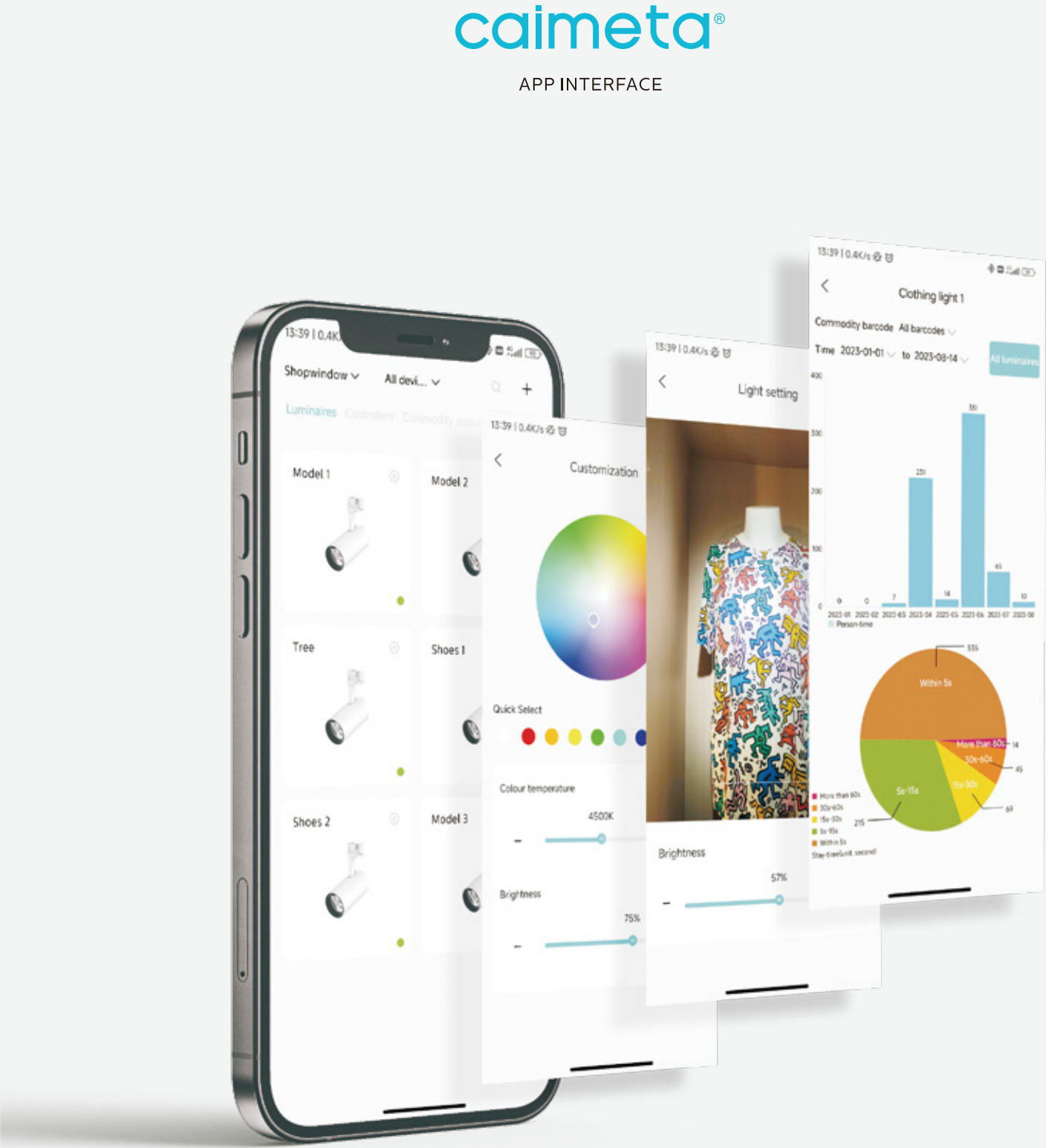
Energy Management

- Sustainable Solution for Energy Conservation**
- Alspace sets light scenes based on real-time traffic and conditions, ensuring energy is used efficiently and sustainably.
 - By leading technological advancements in retail lighting, Alspace ensures a consistent brand experience while saving on energy costs.



LUMINAIRE

Galarneau



CAIMETA® System Features & Benefits

- Reliable, cost-effective, and future-proof wireless AIoT lighting control solution.
- Scalability, control over 280 nodes simultaneously without delay.
- Low energy consumption
- Up to 10 meter wireless control.
- Decentralized BLE MESH networking control.
- The software constantly evolves to be maintained and adapted to new devices and protocols.

The CAIMETA® lighting control solution provides all the control options that are expected from a full-featured professional lighting control solution. Includes: Grouping, Switching, Dimming, Tuning, Light color, ect.

And also brings new features such as: Color Enhancement*, Power Setting*, Primary setting , Auto-mode, Take a picture, Color setting (Color code) , and Scenes.

CAIMETA® APP Features & Benefits

- Easier operations and maintenance.
- Simpler light color controls with AI technology.
- With Color Enhancement function.
- New features and firmware updates performed over-the-air (OTA).
- Custom apps service available on request.
- Support iOS & Android apps.

Color enhancement

The spotlight default to have this function, while also can be adjusted by the app through "take a picture" or "Color setting (Color code) ".

Power setting

Enable the luminaires to be set to other wattage; this feature is independent of dimming control.

DISCOVER MORE ON
CAIMETA®



Security and Compliance

Bluetooth SIG certified BLE MESH controller
Wi-Fi alliance certified Wi-Fi controller
Certified by ETSI EN 303 645, CAIMETA's smart lighting stands out for its cyber security, efficiency, and global compliance, securing consumer trust and market edge. with **RED certification**, ensures compliance and innovation in smart lighting solutions.

Access Control Management

- App registration and store management under App.
- Encryption on devices and App.

Control Security

- Auto-mode: fully control by built-in sensor & AI software without any external connection.
- App control: local network control by BLE MESH communication, not need Wi-Fi.

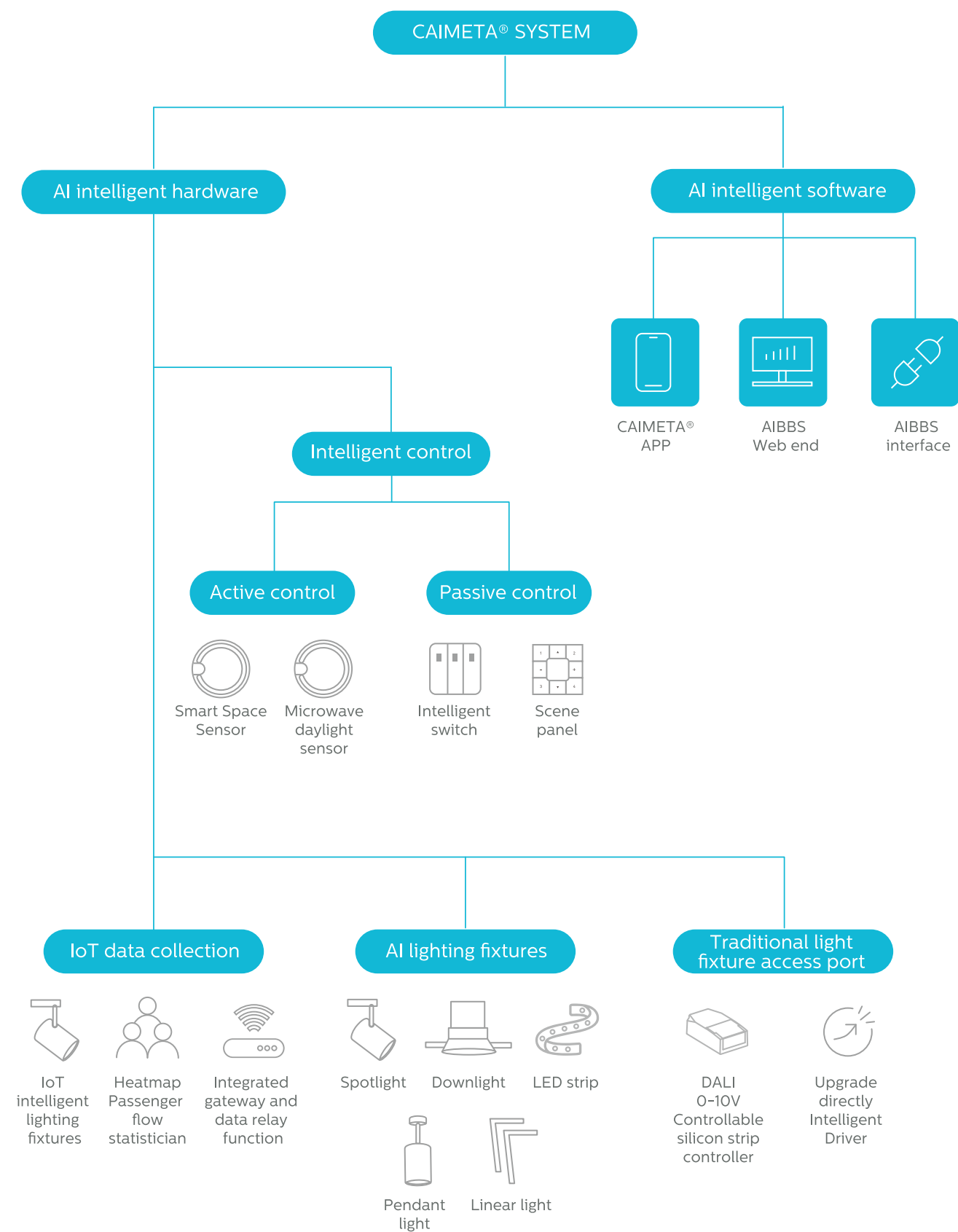
Cloud Service Security

- OTA(Over-The-Air), AIBBS: request Wi-Fi connection, function disabled unless activation.
- OTA by App serviced through Apple App Store and Google Play Store.

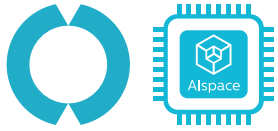
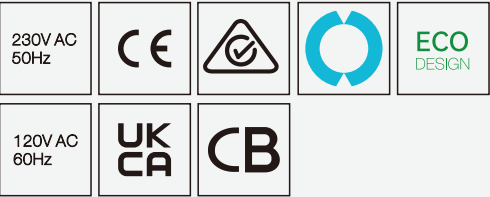
Data Service Security:

- Data storage to AWS CLOUD in Frankfurt, Germany to ensure data safe.

EXPLORE THE CAIMETA® SMART LIGHT RANGE



caimeta®



PARAMETERS

MODEL		Caimeta Gateway
Data transmission	Data transmission	RJ45 network cable
Input	Input voltage	12V DC or PoE (UTP CAT.5E 26AWG)
	Power consumption	0.7W
Connecting	Connecting method	Connect devices with Caimeta Gateway by Caimeta App
	Connecting quantity	Up to 100pcs
Communication	Communication method	Bluetooth Mesh
	Communication distance	< 10m
Software upgrade	Software upgrade	OTA (over the air) by Caimeta® App
Environment	Ambient temperature range(ta)	-10°C to 40°C
	Storage temperature range	-20°C to 60°C
Other	Type of protection	IP20
	Dimension D x H	φ90mm×H28mm
	Installation	Surface mounted and pendant
	Finish color	White and black
	Product net weight	85g
	Indicators	LED with different colors

Application

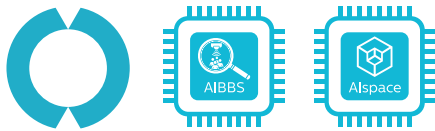
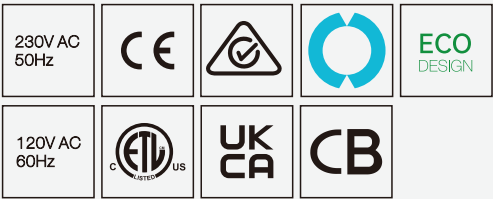
Suitable for supermarket, fashion shop, food store, car deal, furniture store, art-gallery, office, home, etc.

CAIMETA
GATEWAY

Features Highlight

- Control all Caimeta devices (luminaires and controllers) via the Internet remotely: On/Off, Customization settings, Auto mode, Energy saving, etc.
- Set timers remotely for circadian lighting and timed control
- Connect Caimeta devices to collect commodity popularity data with Bluetooth Mesh
- Transfer the commodity popularity data to AWS CLOUD in Frankfurt, Germany to ensure data safe
- Keep data locally while the Internet is disconnected until the connection comes back
- Wired connection to the Internet makes data transfer more stable
- Maximum connected with 100 Caimeta devices with Bluetooth Mesh
- Two installation methods: surface mounted and pendant
- Two different finishes: white and black
- Two ways for power supply: PoE (UTP CAT.5E 26AWG) and 12V DC power adaptor
- Gateway & Data Relay 2in1: Integrates both functions to simplify systems and cut costs.
- OTA Firmware Updates: Update device software remotely without onsite support.
- One-Tap Factory Reset: Quickly restore default settings for easy reprovisioning.





SMART SPACE SENSOR

Caimeta smart space sensor, can be set as heatmap sensor or people counting sensor by Caimeta App

Features Highlight

- Caimeta smart space sensor can be set as heatmap sensor or people counting sensor by Caimeta App
- Do not capture any personal identity
- Data storage to AWS CLOUD in Frankfurt, Germany to ensure data safe
- Two installation methods: surface mounted and pendant
- Two different finishes: white and black
- Two ways for power supply: PoE (UTP CAT.5E 26AWG) and 12V DC power adaptor

HEATMAP SENSOR

- Showing customer distribution and checking data in specified areas in real time and historically on the webpage
- Counting people anonymously in specified areas for foot traffic analysis

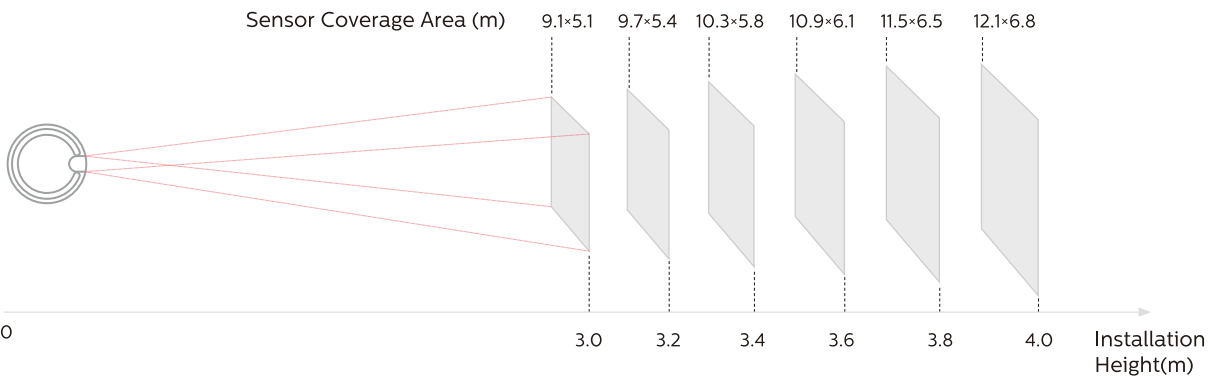
PEOPLE COUNTING

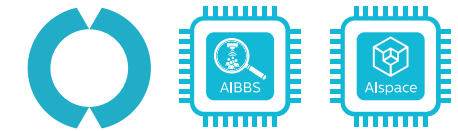
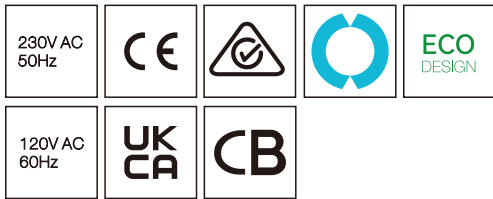
- Counting people anonymously accurately at entrance
- Check real time data and historical data daily, monthly, and yearly anytime and anywhere on the webpage

PARAMETERS

MODEL		Caimeta smart space sensor
Sensor	Sensor type	Build in CMOS sensor, 2M pixels
	Sensor angle	165°FOV
	Sensor height	Recommend 3 to 4 meters
Data transmission	Data transmission	RJ45 network cable or WIFI(2.4GHz/5GHz)
Input	Input voltage	12V DC or PoE (UTP CAT.5E 26AWG)
	Power consumption	3W
	Standby power	< 0.5W
Setting	Setting	Caimeta smart space sensor can be set as heatmap sensor or people counting sensor by Caimeta App
Software upgrade	Software upgrade	OTA(over the air) by Caimeta® App
Environment	Ambient temperature range(ta)	0°C to 35°C
	Storage temperature range	-40°C to 60°C
Other	Type of protection	IP20
	Dimension D x H	φ90mm×H28mm
	Installation	Surface mounted and pendant
	Finish color	White and black
	Product net weight	140g
Indicators		LED with different colors

Sensor coverage table





SMART SPACE SENSOR PLUS 2

HEATMAP SENSOR

- Showing customer distribution and checking data in specified areas in real time and historically on the App and the webpage
- Counting people anonymously in specified areas for foot traffic analysis

PEOPLE COUNTING

- Counting people anonymously accurately at entrance
- Check real time data and historical data daily, monthly, and yearly anytime and anywhere on the App and the webpage

AUTO SCENE CONTROLLER

- Identify a variety of scenes and change lighting automatically
- Support setting scenario locally and remotely
- Support setting lighting manually
- Energy saving mode, reading mode, meeting mode, presentation mode, etc.

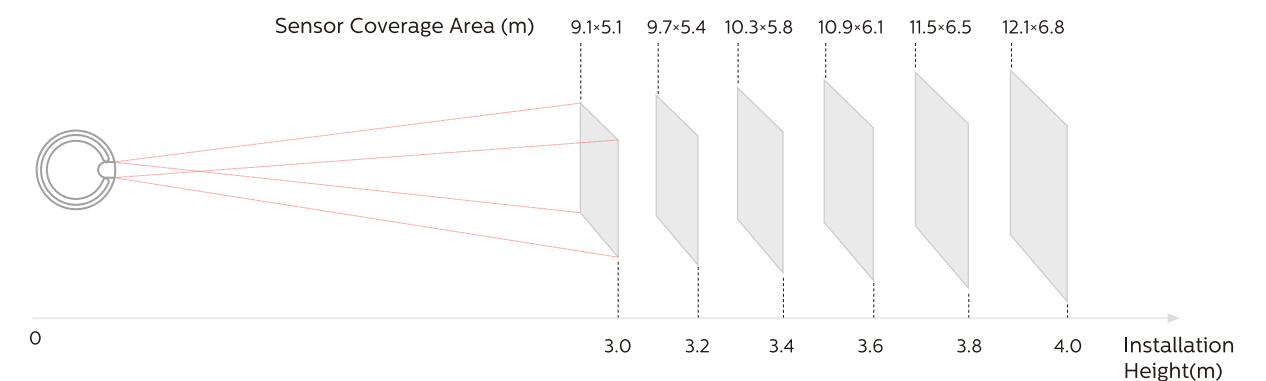
Features Highlight

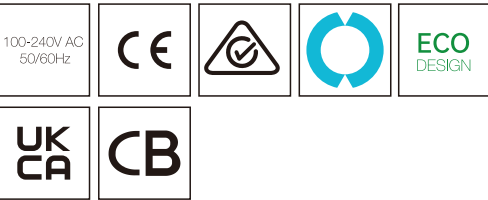
- Caimeta recessed smart space sensor can be set as heatmap sensor, people counting sensor or auto scene controller by Caimeta App
- Built-in millimeter radar to detect moving things in dark environment and reduce standby power consumption
- Do not capture any personal identity
- Data storage to AWS CLOUD in Frankfurt, Germany to ensure data safe
- Installation methods: recessed
- Two different finishes: white and black
- Two ways for power supply: PoE (UTP CAT.5E 26AWG) and 12V power adaptor

PARAMETERS

MODEL		Caimeta recessed smart space sensor
Sensor	Sensor1 type	Build in CMOS sensor, 2M pixels
	Sensor1 angle	165°FOV
	Sensor1 height	Recommend 3 to 4 meters
	Sensor2 type	Millimeter wave radar
	Sensor2 angle	165°
	Sensor2 height	Recommend 3 to 4 meters
Data transmission	Data transmission	RJ45 network cable or WIFI(2.4GHz/5GHz)
Input	Input voltage	12V DC or PoE (UTP CAT.5E 26AWG)
	Power consumption	3W
	Standby power	< 0.5W
Setting	Setting	Caimeta recessed smart space sensor can be set as heatmap sensor, people counting sensor or auto scene controller by Caimeta App
Software upgrade	Software upgrade	OTA(over the air) by Caimeta® App
Environment	Ambient temperature range(ta)	0°C to 35°C
	Storage temperature range	-40°C to 60°C
Other	Cut out	68mm
	Dimension D x H	φ85mm×H52mm
	Installation	recessed
	Finish color	White and black
	Product net weight	230g
	Indicators	LED with different colors

Sensor coverage table





Features &Benefits Highlight

- Smart Lighting & Energy Savings: Daylight Harvesting automatically adjusts brightness to maintain constant illumination, reducing energy consumption by 30 - 50%.
- Privacy-Safe Sensing: Millimeter-wave radar detects human presence, including breathing and micro-movements, eliminating privacy risks.
- Comprehensive Motion Detection: Detection up to 6-8m with high range coincidence.
- Fast Response Times: Switches from absence to presence within 0.5 seconds and presence to absence in no less than 15 seconds.
- CAIMETA BLE Ecosystem Integration: Enables seamless connectivity, and supports future-proof OTA firmware updates.
- User Experience: App-based remote control, batch configuration, one-click device replacement.
- Installation: φ55mm recessed design, compatible with ceilings 1-25mm thick.
- Universal input: 100-240V for worldwide use.

Application

The CAIMETA Smart Sensor is an ideal choice for smart homes, offices, supermarket and corridor.

Caimeta Smart Sensor

Recessed Microwave & Daylight Sensor

A caimeta smart sensor equipped with microwave, PIR and daylight sensor.

The CAIMETA smart sensor is an advanced device that uses microwave, PIR, and daylight sensors to provide smart lighting and energy savings. It features privacy-safe millimeter-wave radar for human presence detection. With a wide detection range and fast response times, the sensor seamlessly integrates into the CAIMETA Ecosystem, offering user-friendly wireless and no switch required control and simple recessed installation.



PARAMETERS

MODEL		Caimeta recessed smart space sensor
Sensor	Sensor type	Microwave radar, PIR and light sensor
	Sensor angle	120°FOV
	Sensor height	Recommend 3 to 4 meters
Data transmission	Data transmission	2.4GHz
Input	Input voltage	100-240V AC
	Power consumption	3W
	Standby power	< 0.5W
Connecting	Connecting method	Connecting with devices by Caimeta App
	Connecting quantity	Up to 280pcs
Communication	Communication method	Bluetooth mesh
	Communication distance	< 10m
Setting	Setting	Setting by Caimeta App
Software upgrade	Software upgrade	OTA(over the air)by Cameta App
Environment	Ambient temperature range(ta)	0°C to 35°C
	Storage temperature range	-40°C to 60°C
Other	Type of protection	IP20
	Dimension D x H	φ65x49.5mm
	Installation	Recessed mounted
	Finish color	White and black
	Terminal	3-pin terminal



Caimeta Scene Switch

The CAIMETA Scene Switch is a versatile smart control panel that enables one-touch control of lighting scenes, dimming, and color temperature adjustment. It features customizable buttons for activating specific lighting presets, allowing for easy control of single lights or entire groups. Powered by two replaceable CR2530 batteries and utilizing Bluetooth Mesh technology, the switch is completely wireless, requires no wiring. Making it a convenient solution for a wide range of applications, including meeting rooms, retail stores, and showrooms.

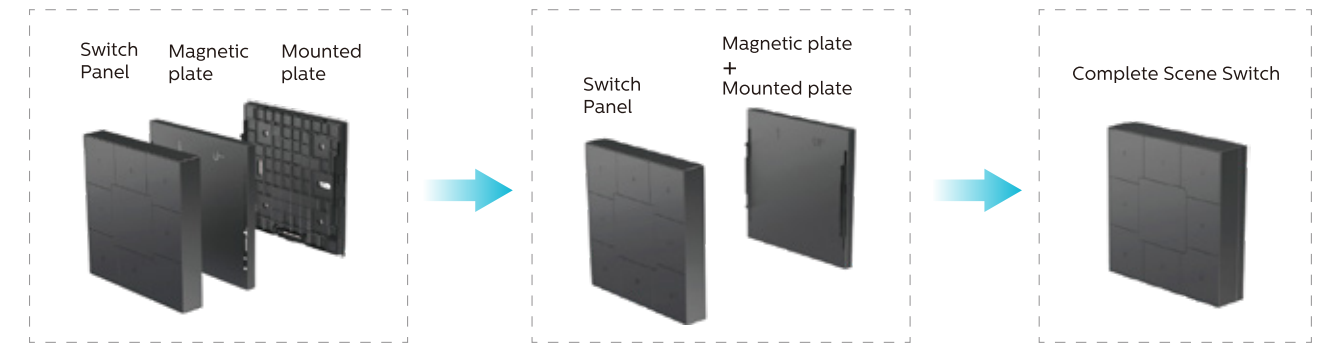
Features &Benefits Highlight

- All-in-One Control Multifunctional buttons for one-touch scene activation, dimming, and color temperature adjustment.
- Preset buttons (1~4) customizable via app for single light, group, or scene control
- ▲ ▼ buttons for dimming brightness
- +/- Buttons for color temperature adjustment
- ⏻ for all lights on/off
- Wireless & Hassle-Free: Bluetooth Mesh control —no wiring needed.
- Flexible Installation: Fits EU wallboxes; supports surface mount, magnetic mount, or free placement.
- Long Battery Life: Powered by two replaceable CR2530 batteries.

Application

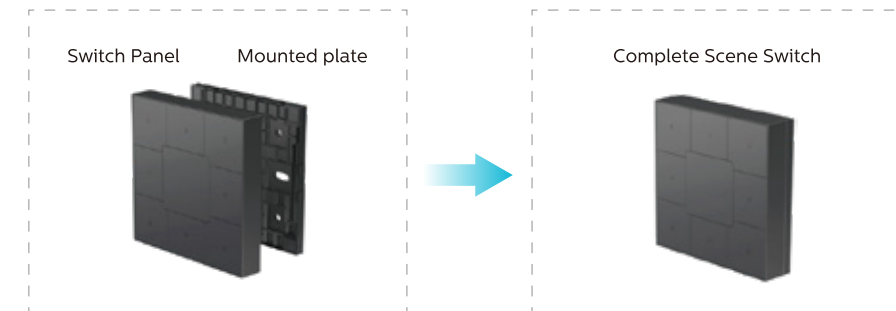
The CAIMETA Scene Switch is an ideal smart control choice for meeting rooms, retail stores, showrooms, and smart homes.

Wall box with magnetic mounted



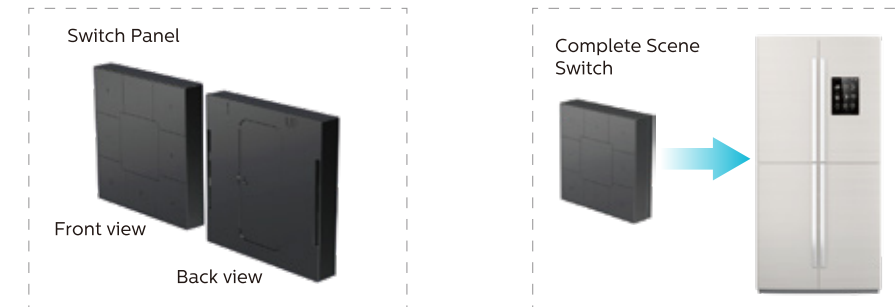
Benefit: Easy take it out or sticker it back to the wall!

Wall box Fix mounted



Benefit: Solid fixed, not allow take away without tools.

Remote



Benefit: Extra thin 86x86x13.7mm. Use where you want!

PARAMETERS

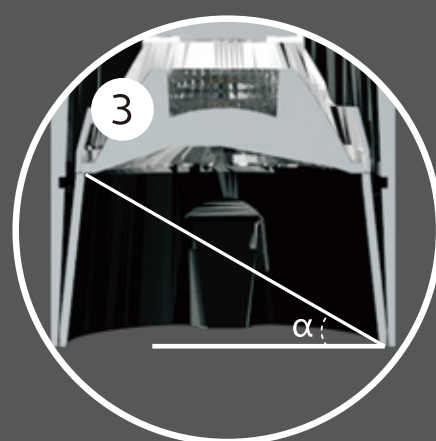
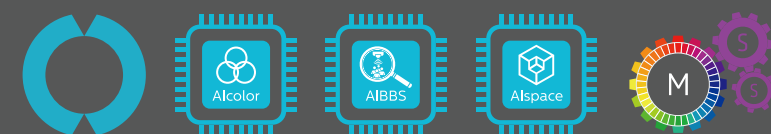
MODEL		Caimeta Scene Switch
Input	Input voltage Battery Type	3V DC CR2430 Lithium Coin Cell(300mh each)
Connecting	Connecting method Connecting quantity	Connecting with devices by Caimeta App Up to 144pcs
Communication	Communication method Communication distance	Bluetooth mesh <10m
Setting	Setting	Setting by Caimeta App
Software upgrade	Software upgrade	OTA(over the air)by Caimeta App
Environment	Ambient temperature Storage temperature	-10°C to +40°C -20°C to +60°C
Other	Type of protection Dimension Installation Finish color Weight	IP20 86x86x13.7mm works with EU ⌀ 68-53mm wallbox, remote & surface white and black 125g



KANO

Track Lights

The KANO series is new generation of the CAIMETA® enabled AIoT spotlight portfolios, which revolutionizes retail lighting industry. The design is unique, compact and sleek, covering two sizes and three interchangeable beam spreads, these lights are designed to provide personalized shopping experience.





The KANO series equipped with dual, single or without sensors, details as following:



- Kano Pro Dual
With dual sensors

Alcolor™
Take photo
Customization
Power Setting
Primary/Secondary
Alspace™
Auto-mode
AIBBS
- Kano Pro
With single sensor

Alcolor™
Take photo
Customization
Power Setting
Primary/Secondary
Alspace™
Auto-mode
- Kano
Without sensor

Alcolor™
Take photo
Customization
Power Setting
Secondary

- Features Highlight
- Over 10 granted patents.
 - AloT smart devices for CAIMETA® system.
 - AIBBS™ , Alcolor ™ , Alspace™ enabled.
 - Wireless control via iOS and Android app.
 - Lens are interchangeable.
 - Wide gamut covering light spectrum for all application requirement.
 - Flicker Free compliant with IEEE 1789, ErP 2024 &Ecodesign.
 - Solid state electronic, Class II compliant.
 - Anti-glare with 30° cut-off angle.
 - Precise control of beam angle.
 - This product contains a light source of energy efficiency class F to Regulation EU 2019/2015.
 - 360° horizontal rotation and 90° vertical adjust ability.
 - Sleek, compact cylinder housing with no visible screws.
 - Die-casting aluminum passive cooling achieved by innovative thermal design.
 - The soft light version of the track light is very suitable for illuminating high brightness products such as cars and tiles, making it comfortable for customers to look at the goods without glaring (The beam angle of soft light version include 24° and 36°).
 - Accessories: honeycomb, light filter.

- Benefits
- AI intelligent lighting, one for all; fewer SKUs.
 - More engaging shopping experience thanks to the CAIMETA® lighting performance.
 - Data-driven for in-depth retail store analytics.
 - Dashboard for store management, including heat-map, customers counting, etc.

Kano Pro Dual Ordering Guide

Installation	Wattage —		Lumen —		Max. intensity	Beam angle	Color
	W		lm		cd @36°	°	
4wire 3circuit track	20	—	1600	—	4500	24	BK
2wire 1circuit track	35	—	2700	—	9000	36	WH
						50	

Kano Pro Ordering Guide

Installation	Wattage —		Lumen —		Max. intensity	Beam angle	Color
	W		lm		cd @36°	°	
4wire 3circuit track	20	—	1600	—	4500	24	BK
2wire 1circuit track	35	—	2700	—	9000	36	WH
						50	

Kano Ordering Guide

Installation	Wattage —		Lumen —		Max. intensity	Beam angle	Color
	W		lm		cd @36°	°	
4wire 3circuit track	20	—	1600	—	4500	24	BK
2wire 1circuit track	35	—	2700	—	9000	36	WH
						50	

For North America Market

Kano Pro Dual Ordering Guide

Installation	Wattage —		Lumen —		Max. intensity	Beam angle	Color
	W		lm		cd @36°	°	
J-type track	20	—	1600	—	4500	24	BK
H-type track	35	—	2700	—	9000	36	WH
						50	

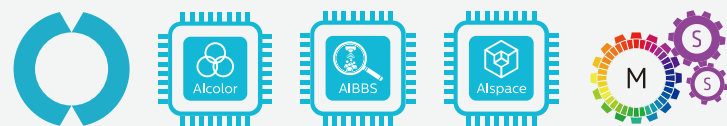
Kano Pro Ordering Guide

Installation	Wattage —		Lumen —		Max. intensity	Beam angle	Color
	W		lm		cd @36°	°	
J-type track	20	—	1600	—	4500	24	BK
H-type track	35	—	2700	—	9000	36	WH
						50	

Kano Ordering Guide

Installation	Wattage —		Lumen —		Max. intensity	Beam angle	Color
	W		lm		cd @36°	°	
J-type track	20	—	1600	—	4500	24	BK
H-type track	35	—	2700	—	9000	36	WH
						50	

*The Kano Series, now for sale in the Japanese market, is designed to work with local track systems.



SARA

Track Lights

The SARA series is new generation of the CAIMETA® enabled AIoT spotlight portfolios, which revolutionizes museum lighting industry. The design is innovative and practical. Capable of automatically identifying museum exhibits, ensuring that the colors of the exhibits are not distorted. When replacing exhibits, there is no need to change the lights, greatly reducing the workload and cost of the exhibition. AI lighting fixtures can automatically select suitable spectra from over 1000 formulas based on the replaced exhibits, restoring the true colors of the exhibits.

Application

Ideal for lighting applications in art galleries, museums, cultural settings, and architectural spaces.



The SARA series equipped with dual, single or without sensors, details as following:



Sara Pro Dual
With dual sensors

Alcolor™
Take photo
Customization
Power Setting
Primary/Secondary
Alspace™
Auto-mode
AIBBS

Sara Pro
With single sensor

Alcolor™
Take photo
Customization
Power Setting
Primary/Secondary
Alspace™
Auto-mode

Sara
Without sensor

Alcolor™
Take photo
Customization
Power Setting
Secondary

Features Highlight

- Over 10 granted patents.
- AIoT smart devices for CAIMETA® system.
- AIBBS™ , Alcolor™ , Alspace™ enabled.
- Wireless control via iOS and Android app.
- Lens are interchangeable.
- Wide gamut covering light spectrum for all application requirement.
- Flicker Free compliant with IEEE 1789, ErP 2024 & Ecodesign.
- Solid state electronic, Class II compliant.
- Anti-glare with 20° cut-off angle.
- Precise control of beam angle.
- Unique convex lens design, perfect light spot showcasing the characteristics of the illuminated object.
- This product contains a light source of energy efficiency class F to Regulation EU 2019/2015.
- 360° horizontal rotation and 90° vertical adjust ability.
- Sleek, compact housing with no visible screws.
- Die-casting aluminum passive cooling achieved by innovative thermal design.
- Patented track adaptor drivers provide a clean finish and enhance the high-end aesthetic.

Benefits

- AI intelligent lighting, one for all; fewer SKUs.
- More engaging visiting museum experience thanks to the CAIMETA® lighting performance.
- Data-driven for in-depth retail store analytics.
- Dashboard for store management, including heat-map, customers counting, etc.

Sara Pro Dual Ordering Guide

Installation	Wattage — Lumen		Max. intensity	Beam angle	Color
	W	lm	cd @36°	°	
4wire 3circuit track	25	— 930	— 4700	24	BK
2wire 1circuit track	35	— 1300	— 6600	36 50	WH

Sara Pro Ordering Guide

Installation	Wattage — Lumen		Max. intensity	Beam angle	Color
	W	lm	cd @36°	°	
4wire 3circuit track	25	— 930	— 4700	24	BK
2wire 1circuit track	35	— 1300	— 6600	36 50	WH

Sara Ordering Guide

Installation	Wattage — Lumen		Max. intensity	Beam angle	Color
	W	lm	cd @36°	°	
4wire 3circuit track	25	— 930	— 4700	24	BK
2wire 1circuit track	35	— 1300	— 6600	36 50	WH

For North America Market

Sara Pro Dual Ordering Guide

Installation	Wattage — Lumen		Max. intensity	Beam angle	Color
	W	lm	cd @36°	°	
J-type track	25	— 930	— 4700	24	BK
H-type track	35	— 1300	— 6600	36 50	WH

Sara Pro Ordering Guide

Installation	Wattage — Lumen		Max. intensity	Beam angle	Color
	W	lm	cd @36°	°	
J-type track	25	— 930	— 4700	24	BK
H-type track	35	— 1300	— 6600	36 50	WH

Sara Ordering Guide

Installation	Wattage — Lumen		Max. intensity	Beam angle	Color
	W	lm	cd @36°	°	
J-type track	25	— 930	— 4700	24	BK
H-type track	35	— 1300	— 6600	36 50	WH

*The Sara Series, now for sale in the Japanese market, is designed to work with local track systems.



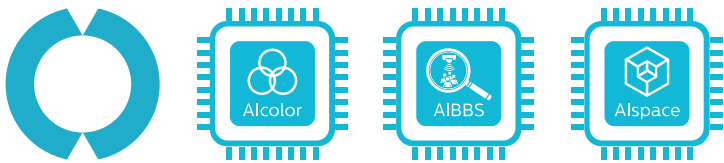


Features & Benefits Highlight

- Elevate art spaces with precise contour lighting, casting captivating shadows and illuminating details.
- Over 10 granted patents
- AloT smart devices for CAIMETA® system
- Alcolor™ technology for vibrant hues
- Wireless control via iOS and Android app
- Mastering light quality with minimalist design
- Flicker Free compliant with IEEE 1789, ErP 2024 &Ecodesign
- Solid state electronic, Class II compliant
- This product contains a light source of energy efficiency class F to Regulation EU 2019/2015
- 360° horizontal rotation and 90° vertical adjust ability.
- Sleek, screw-free cylinder design.
- Die-casting aluminum passive cooling.
- Patented track adaptor drivers provide a clean finish and enhance the high-end aesthetic.

Application

Ideal for lighting applications in art galleries, museums, cultural settings, and architectural spaces.



SARA
Contour Track Lights

Illuminate museum and art spaces with precision using our advanced lighting solution. Achieve captivating displays with contour lighting, highlighting intricate details and creating captivating shadows. Benefit from AloT smart devices, seamlessly integrating into the CAIMETA® system, enabling intelligent control.

Experience the power of Alcolor™ technology, producing vibrant hues that bring artwork to life. Enjoy wireless control via iOS and Android, ensuring effortless management. Our design merges superior light quality with minimalist aesthetics, adhering to Flicker Free standards and offering 360° rotation and 90° adjust ability. Illuminate art with precision, transforming museums and galleries into captivating showcases of creativity.

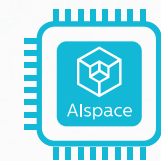
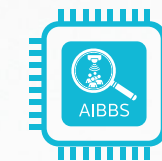
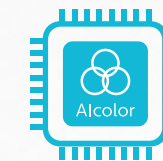
Sara Pro Contour Spotlights Ordering Guide

Installation	Wattage — Lumen		Beam angle	Color
	W	lm		
4wire 3circuit track	25	— 260	12-30	BK
2wire 1circuit track	35	— 350	50	
Surface spot				

For North America Market

Sara Pro Contour Spotlights Ordering Guide

Installation	Wattage — Lumen		Beam angle	Color
	W	lm		
J-type track	25	— 260	12-30	BK
H-type track	35	— 350	50	
Surface spot				



META 2

Spotlights & Pendant Lights

The Meta 2 series is 2nd generation of the CAIMETA® enabled AIoT spotlight portfolios, which revolutionizes retail lighting industry. The design is compact and sleek, and more cost-effective, covering almost five different installations, two sizes and four beam spreads, these lights are designed to provide personalized shopping experience and in-store insight.



Surface



Recessed Spotlight



Track Pendant



Track-EU



Track-NA



Surface Pendant



The Meta 2 series equipped with dual, single or without sensors, details as following:



Meta 2 Pro Dual
With dual sensors

Alcolor™
Take photo
Customization
Power Setting
Primary/Secondary
Alspace™
Auto-mode
AIBBS

- Features Highlight
- Over 10 granted patents.
 - AIoT smart devices for CAIMETA® system.
 - AIBBS™, Alcolor™, Alspace™ enabled.
 - Wireless control via iOS and Android app.
 - 5 different installations.
 - Wide gamut covering light spectrum for all application requirement.
 - Flicker Free compliant with IEEE 1789, ErP 2024 &Ecodesign.
 - Solid state electronic, Class II compliant.
 - Anti-glare with 30° cut-off angle.
 - Precise control of beam angle.
 - This product contains a light source of energy efficiency class F to Regulation EU 2019/2015.
 - 360° horizontal rotation and 90° vertical adjustability.
 - Sleek, compact cylinder housing with no visible screws.
 - Die-casting aluminum passive cooling achieved by innovative thermal design.
 - Patented track adaptor drivers provide a clean finish and enhance the high-end aesthetic.
 - The soft light version of the track light is very suitable for illuminating high brightness products such as cars and tiles, making it comfortable for customers to look at the goods without glaring (The beam angle of soft light version include 24° and 36°).

- Benefits
- AI intelligent lighting, one for all; fewer SKUs.
 - More engaging shopping experience thanks to the CAIMETA® lighting performance.
 - Data-driven for in-depth retail store analytics.
 - Dashboard for store management, including heat-map, customers counting, etc.



Meta 2 Pro
With single sensor

Alcolor™
Take photo
Customization
Power Setting
Primary/Secondary
Alspace™
Auto-mode



Meta 2
Without sensor

Alcolor™
Take photo
Customization
Power Setting
Secondary

Meta 2 Pro Dual Ordering Guide

Installation	Wattage — Lumen — Max. intensity			Beam angle	Color
	W	lm	cd	°	
4wire 3circuit track	15	— 1150	— 8400	15	BK
2wire 1circuit track	30	— 2300	— 18600	24	WH
Surface spot				36	
Recessed spot				50	

Meta 2 Pro Ordering Guide

Installation	Wattage — Lumen — Max. intensity			Beam angle	Color
	W	lm	cd	°	
4wire 3circuit track	15	— 1150	— 8450	15	BK
2wire 1circuit track	30	— 2300	— 18600	24	WH
Surface spot				36	
Recessed spot				50	
Ceiling pendant					
4wire 3circuit track pendent					
2wire 1circuit track pendent					

Meta 2 Ordering Guide

Installation	Wattage — Lumen — Max. intensity			Beam angle	Color
	W	lm	cd	°	
4wire 3circuit track	20	— 1600	— 9550	15	BK
2wire 1circuit track	30	— 2300	— 18600	24	WH
Surface spot				36	
Recessed spot				50	
Ceiling pendant					
4wire 3circuit track pendent					
2wire 1circuit track pendent					

For North America Market

Meta 2 Pro Dual Ordering Guide

Installation	Wattage — Lumen — Max. intensity			Beam angle	Color
	W	lm	cd	°	
J-type track	15	— 1150	— 8450	15	BK
H-type track	30	— 2300	— 18600	24	WH
Surface spot				36	
				50	

Meta 2 Pro Ordering Guide

Installation	Wattage — Lumen — Max. intensity			Beam angle	Color
	W	lm	cd	°	
J-type track	15	— 1150	— 8450	15	BK
H-type track	30	— 2300	— 18600	24	WH
Surface spot				36	
Ceiling pendant				50	
J-type track pendent					
H-type track pendent					

Meta 2 Ordering Guide

Installation	Wattage — Lumen — Max. intensity			Beam angle	Color
	W	lm	cd	°	
J-type track	20	— 1600	— 9550	15	BK
H-type track	30	— 2300	— 18600	24	WH
Surface spot				36	
Ceiling pendant				50	
J-type track pendent					
H-type track pendent					

*The Meta 2 Series, now for sale in the Japanese market, is designed to work with local track systems.



Features & Benefits Highlight

- Elevate art spaces with precise contour lighting, casting captivating shadows and illuminating details.
- Over 10 granted patents
- AIoT smart devices for CAIMETA® system
- Alcolor™ technology for vibrant hues
- Wireless control via iOS and Android app
- Mastering light quality with minimalist design
- Flicker Free compliant with IEEE 1789, ErP 2024 & Ecodesign
- Solid state electronic, Class II compliant
- This product contains a light source of energy efficiency class F to Regulation EU 2019/2015
- 360° horizontal rotation and 90° vertical adjustability.
- Sleek, screw-free cylinder design.
- Die-casting aluminum passive cooling.
- Patented track adaptor drivers provide a clean finish and enhance the high-end aesthetic.

Application

Ideal for lighting applications in art galleries, museums, cultural settings, and architectural spaces.



META 2
Contour Spotlights

Illuminate museum and art spaces with precision using our advanced lighting solution. Achieve captivating displays with contour lighting, highlighting intricate details and creating captivating shadows. Benefit from AIoT smart devices, seamlessly integrating into the CAIMETA® system, enabling intelligent control. Experience the power of Alcolor™ technology, producing vibrant hues that bring artwork to life. Enjoy wireless control via iOS and Android, ensuring effortless management. Our design merges superior light quality with minimalist aesthetics, adhering to Flicker Free standards and offering 360° rotation and 90° adjustability. Illuminate art with precision, transforming museums and galleries into captivating showcases of creativity.

Meta 2 Contour Spotlights Ordering Guide

Installation	Wattage — Lumen		Beam angle	Color
	W	lm		
4wire 3circuit track	20	— 500	22-30	BK
2wire 1circuit track	30	— 750	50-60	
Surface spot				

For North America Market

Meta 2 Contour Spotlights Ordering Guide

Installation	Wattage — Lumen		Beam angle	Color
	W	lm		
J-type track	20	— 500	22-30	BK
H-type track	30	— 750	50-60	
Surface spot				



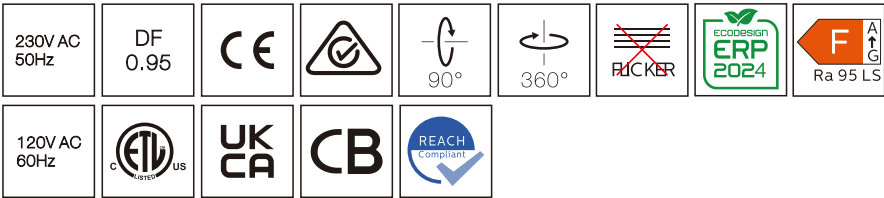
META UNI

Spotlights (wireless free)

Meta Uni Lite is a high performance portfolio dedicated to architectural lighting segment, provides super high quality of light with flicker free driver and glare free optics. No visible screw, sleek and compact cylinder housing and intrack driver design, makes the product looks very charming.

Equipped with Alcct function, it features automatic recognition of optimal lighting color temperature for objects via sensors, CCT will changed adaptive 2700K-3000K-3500K-4000K-5000K-6500K automatically depending on objects. You can also switch 2700K/3000K/3500K/4000K/5000K/5700K/6500K CCT by hand, this reduce your SKUs and inventory, and shorter time to project.

Meta Uni Lite can satisfy diversified customer’s requirement, it can be track, surface and pendant mounted, offers 15°,24°,36°and 50° lens, 360°rotation and 90°adjustable, makes it easy to be installed and suitable for different application.



Features Highlight

- Alcct function enabled automatic recognition of optimal lighting color temperature for objects via sensors, adaptive 2700K-3000K-3500K-4000K-5000K-6500K automatically depending on objects
- 2700K/3000K/3500K/4000K/5000K/5700K/6500K CCT switchable by hand
- 4 beam angle:15°, 24°,36° and 50°
- No side glare, darklight optics for highest visual comfort with 30° shielding angle
- Wireless-free, plug & play without commissioning, and privacy-safe
- New generation adaptor, compatible with the most common track system in the market
- Flicker Free according to ErP 2024: SVM<0.4, Pst<1, IEEE 1789: <3% flicker percentage, no stroboscopic effect
- 360° rotation (horizontal), 90° adjustable (vertical)
- Two different dimension, D70mm for 15W and D80mm for 30W
- Two Different finish: texture white and texture black
- Sleek, compact cylinder housing and no visible screws
- 4 different installations: track spotlight, track pendant light, canopy pendant light and surface lights
- The soft light version of the track light is very suitable for illuminating high brightness products such as cars and tiles, making it comfortable for customers to look at the goods without glaring (The beam angle of soft light version include 24° and 36°).

Benefits

AI intelligent lighting, one for all; fewer SKUs.

Application

Retail, Shop, Hotel, Restaurant, Art-gallery, Museum, Automotive and Parking, Education, Government, Healthcare, Hospitality, Offices and Banks, etc.

Meta UNI Ordering Guide

Installation	Wattage — Lumen —		Max. intensity		Beam angle	Color
	W	lm	cd			
4wire 3circuit track	15	—	1400	—	15	BK
	30	—	2850	—	24	WH
					36	
					50	

For North America Market

Meta UNI Ordering Guide

Installation	Wattage — Lumen —		Max. intensity		Beam angle	Color
	W	lm	cd			
J-type track	15	—	1400	—	15	BK
H-type track	30	—	2850	—	24	WH
					36	
					50	



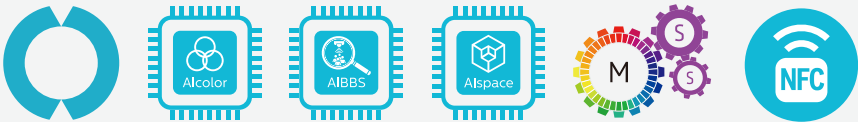
Milo G2

AI Wall Washer track head

Milo G2 wall washer equipped with AI powered color sensor. It adapts light spectrum automatically , offer the right light spectrum for commodity lit according to the AI algorithm, present a better appearance.The NFC function supports unpowered pairing, reset, grouping and wattage setting, etc.

It utilizes aysmetrical lens with reflector to effectively avoid seeing light source directly, it also reduce external perception of the luminous area and provide a wide coverage with uniform light output. With 90° vertical rotation and 360° horizontal rotation, it can easily adapt to various shelf heights, width and direction.

Milo G2 wall washer is an ideal lighting choice for museums,art galary,supermarket,shopping malls, retails store, etc.



360° horizontal rotate



90° vertical tilt



Combine aysmetrical lens with reflector



Exchange the whole track adaptor with driver by screwdriver



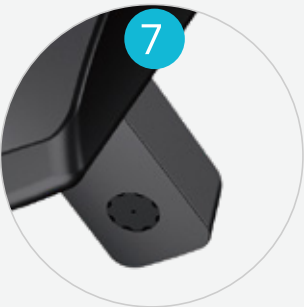
Exchange only H type and J type pins by screwdriver



NFC recognition area for sensor version



Color sensor



Data sensor



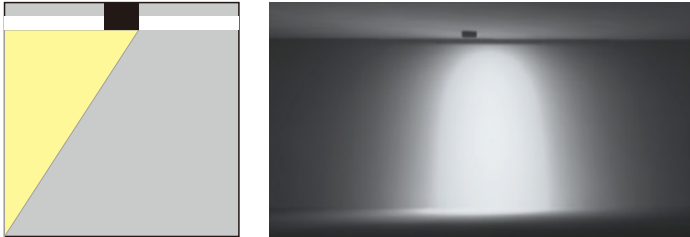
Features & Benefits Highlight

- AI smart light:The luminaires equipped with AI powered color sensor automatically adjust its light spectrum (CCT+Chromaticity co-ordinate) based on detection.Covering all lighting spectrum that you need.
- NFC fast network configuration:Supports unpowered Bluetooth networking grouping, parameter preset, reset and pre-configuration, etc when turn off
- Uniform wall washer effect: provide a wide coverage with uniform light output and an extensive lighting area
- Combines aysmetrical lens with reflector, avoid seeing light directly and reduce luminous area
- Field changable adaptor: Track adaptor and driver is field changable by screwdriver
- Flicker Free according to ErP 2024: SVM<0.4 , Pst<1, IEEE 1789: <3% flicker percentage ,no stroboscopic effect.
- 360° rotation (horizontal), 90° adjustable (vertical).
- Two version available: Pro dual version with two sensor and bluetooth version without sensor
- RGBW version and tuneable white version are available
- Two Different finish: texture white and texture black.

Application

Ideal for museums,art galary,supermarket,shopping malls, retails store, etc.

Asymetric Optics:
26° x38°



Correlated Color:
W+RGB
WW+CW tuneable white

Color Rendering Index:



Compatible Track System Option:
H type , J type, 4 wire 3 circuit



Milo G2 Ordering Guide (The test data for Ra90 4000K CCT)

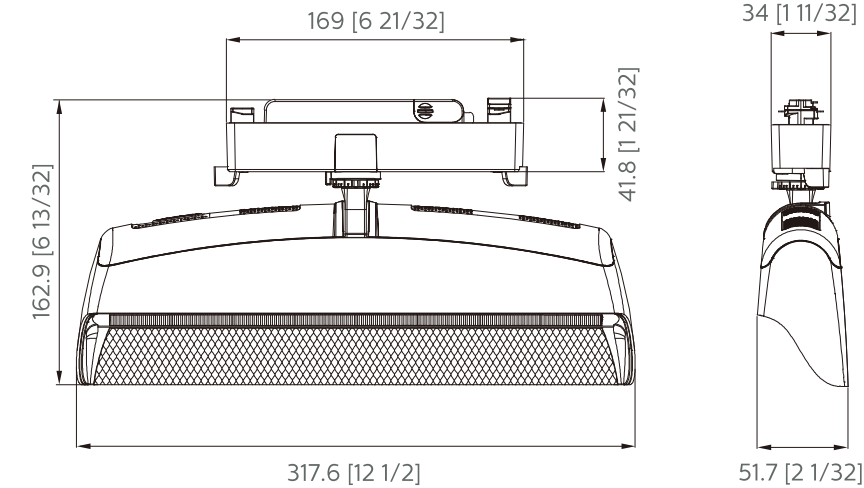
Series	Sensor quantity	Dimming	Installation	Wattage	Lumen	Max.intensity	Ra&CCT	Beam angle	Color
				W	lm	cd		°	
Milo G2	two sensor no sensor	Bluetooth mesh	H-Type track J-Type track 4 wire 3 circuit	45	3600	7200	2700~6500K (W+RGB)	26X38	BK WH

Milo Uni G2 Ordering Guide (The test data for Ra90 4000K CCT)

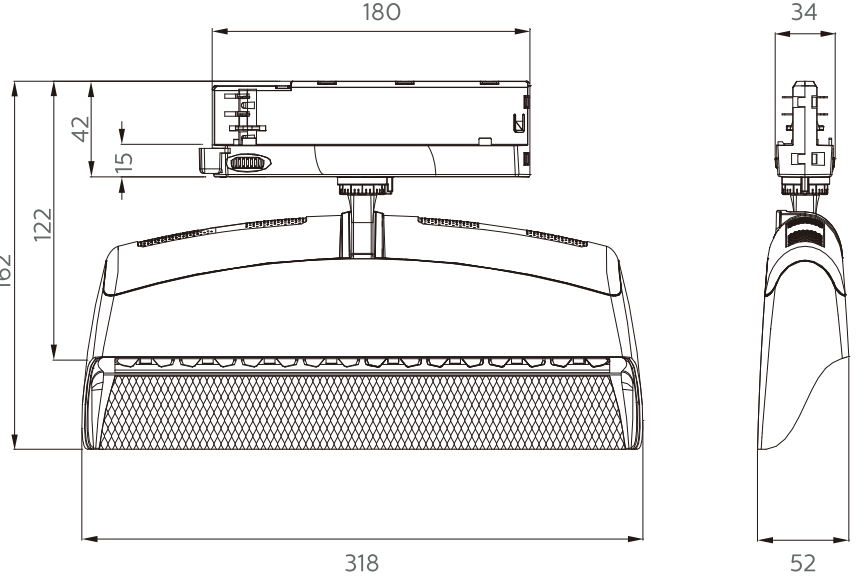
Series	Sensor quantity	Dimming	Installation	Wattage	Lumen	Max.intensity	Ra&CCT	Beam angle	Color
				W	lm	cd		°	
Milo Uni G2	two sensor no sensor	Bluetooth mesh	H-Type track J-Type track 4 wire 3 circuit	45	4000	8500	2700~6500K (WW+CW)	26X38	BK WH

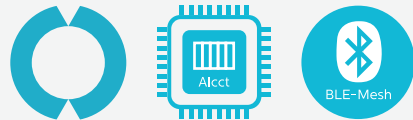
Dimension (mm/inch)

NA(H type and J type)



EU(4 wires 3 circuit)



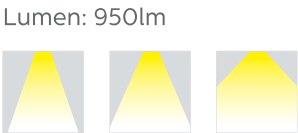
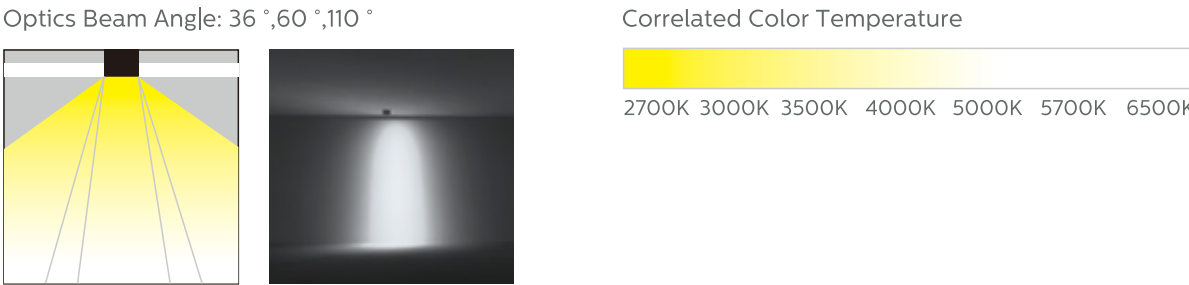


AURA UNI Ordering Guide (The test data is for 4000K CCT,Ra90, 36° beam angle)

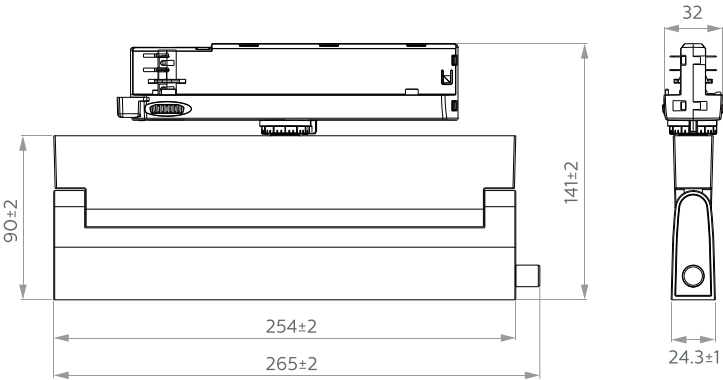
Series	Dimming	Installation	Ra	Wattage — Lumen — Max.intensity			CCT	Beam angle	Color
				W	lm	cd			
AURA UNI	BLE	4wire 3circuit track	90	15	950	2000	2700-6500	36	BK WH
								60	
								110	

- Features & Benefits Highlight**
- 9in1 Design(3wattage, 3CCT*)
 - Flicker-free compliant with IEEE 1789, ErP 2024, and Ecodesign
 - Dimmable control via phase-cut
 - Solid-state electronic, Class II compliant
 - Super color rendering of Ra 90
 - Compact and sleek design
 - 360° horizontal rotation and 90° vertical adjustability
 - Sleek, compact housing with no visible screws
 - Die-casting aluminum passive cooling achieved through innovative thermal design

Application
Fashion shops, home,art galleries, retail shops, showrooms, etc.



AURA UNI Dimension (mm)



AURA UNI

Spotlights

The AURA uni series linear track light is an intelligent lighting fixture with an adjustable CCT function, which can change the suitable CCT according to the color of the illuminated object, making the illuminated object closer to its original color. It is also possible to control the lighting through the app via Bluetooth. The light can rotate 360 degrees horizontally and swing 180 degrees vertically, making it flexible and convenient. There are 36-degree and 60-degree options for lenses, as well as a 110-degree option for PC covers. Additionally, there is a locking mechanism that can secure the adapter in the track, ensuring safety.



Phase Cut DIP Switch power:
15-10-5W

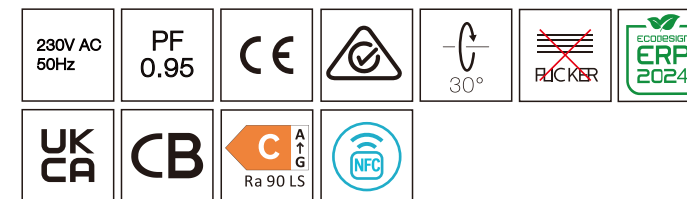


Luma

Linear Track Light

The Luma Linear Track Light uses high-CRI, high-efficiency SMD LEDs as its light source and combines high-efficiency reflector to reduce glare light.

Luma Linear Track Light can be flexibly combined with track spotlights on the same track rail for general lighting & accent lighting. The wings can be tilted downward by 30°, which is convenient to adjust the beam angle and meet the requirements of different aisle widths and installation heights. It use 36x80° rectangular uniform light distribution that guides users eyes to the shelf.



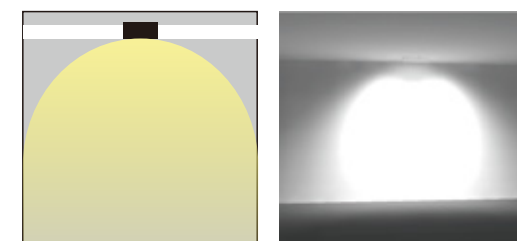
Features & Benefits Highlight

- Professional Optics: Features high-CRI, high-efficiency SMD LEDs and high-efficiency optic with professional anti-glare control for precise and uniform illumination.
- It can be flexibly combined with track spotlights on the same track rail for general lighting & accent lighting
- Unique rectangular light distribution that guides users eyes to the shelf
- The wings can be tilted downward by 30°, which is convenient to adjust the beam angle and meet the requirements of different aisle widths and installation heights
- NFC Fast Configuration: Supports unpowered Bluetooth networking grouping, parameter preset, reset and pre-configuration, etc.
- Small, medium and larger three size, and single head and dual head are available.

Application

The Luma tracklight is an ideal choice for retail stores, supermarket and warehouse.

Asymetric Optics:
36°x80°



Correlated Color Temperature



Color Rendering Index:



Compatible Track System Option:
4 wire 3 circuit



Luma S single head (The test data for 4000K CCT Ra90)

Series	Dimming	Installation	Wattage — Lumen — Max.intensity			CCT	Beam angle	Color
			W	lm	cd			
Luma S single head	BLE mesh	4 wire 3 circuit	28	3200	3000	3000K/4000K/5000K/6500K	36x80	BK WH

Luma S dual head (The test data for 4000K CCT Ra90)

Series	Dimming	Installation	Wattage — Lumen — Max.intensity			CCT	Beam angle	Color
			W	lm	cd			
Luma S dual head	BLE mesh	4 wire 3 circuit	2*28	6400	6100	3000K/4000K/5000K/6500K	36x80	BK WH

Luma M single head (The test data for 4000K CCT Ra90)

Series	Dimming	Installation	Wattage — Lumen — Max.intensity			CCT	Beam angle	Color
			W	lm	cd			
Luma M single head	BLE mesh	4 wire 3 circuit	35	4200	4000	3000K/4000K/5000K/6500K	36x80	BK WH

Luma M dual head (The test data for 4000K CCT Ra90)

Series	Dimming	Installation	Wattage — Lumen — Max.intensity			CCT	Beam angle	Color
			W	lm	cd			
Luma M dual head	BLE mesh	4 wire 3 circuit	2*35	8200	7900	3000K/4000K/5000K/6500K	36x80	BK WH

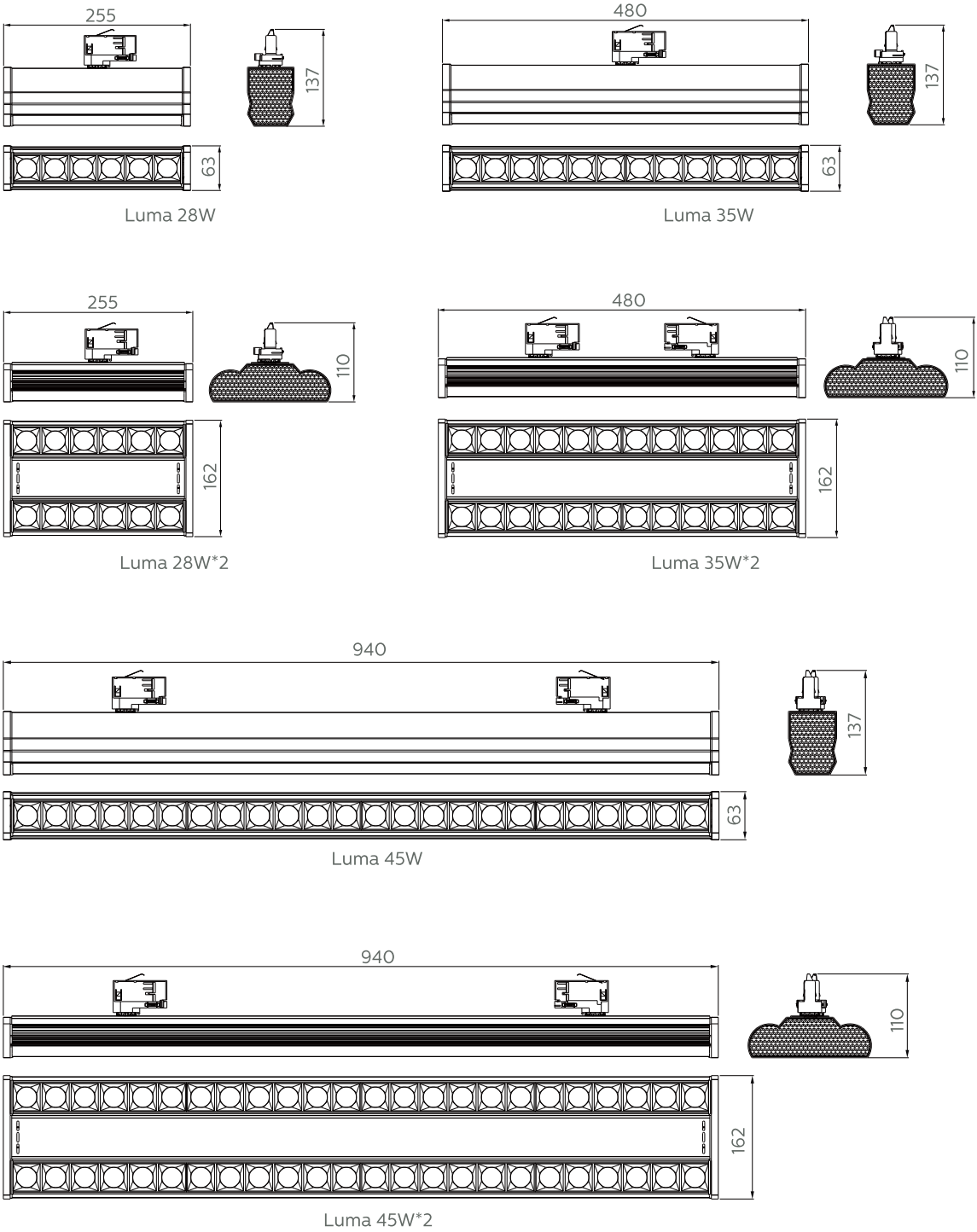
Luma L single head (The test data for 4000K CCT Ra90)

Series	Dimming	Installation	Wattage — Lumen — Max.intensity			CCT	Beam angle	Color
			W	lm	cd			
Luma L single head	BLE mesh	4 wire 3 circuit	45	5800	5600	3000K/4000K/5000K/6500K	36x80	BK WH

Luma L dual head (The test data for 4000K CCT Ra90)

Series	Dimming	Installation	Wattage — Lumen — Max.intensity			CCT	Beam angle	Color
			W	lm	cd			
Luma L dual head	BLE mesh	4 wire 3 circuit	2*45	12500	12000	3000K/4000K/5000K/6500K	36x80	BK WH

Luma Dimension (mm)





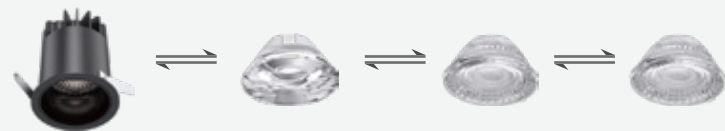
LUMI

Downlight

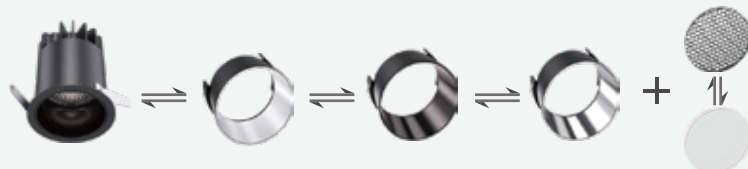
The LUMI series downlight is an upgraded version of the META 2 downlight. It features interchangeable lenses and interchangeable reflectors. Color recognition in photography - The mobile app automatically identifies the colors of the photographed object using AI algorithms, providing the optimal color temperature and color point for a better natural presentation of the object, achieving the best product display effect.

Made of ADC12 high-purity aluminum with integrated die-casting, featuring passive air convection for cooling, efficient heat conduction, and extended lifespan of the fixtures. The lenses are interchangeable, offering four angle options: 15°, 24°, 36°, and 50°, to accommodate different application needs. The reflector are interchangeable and available in various colors, including matte black, matte white, gunmetal gray, and bright silver, to meet the aesthetic needs of different spaces. Additionally, there are reserved slots for easy installation of various optical accessories (accessory specifications: Ø56x3mm). Black light deep cone technology, 30° cutoff angle, UGR < 9, professional-grade glare reduction.

The lenses are interchangeable, offering four angle options: 15°, 24°, 36°, and 50°.



The reflector are interchangeable: Matte white, Matte black, Gun black, Chrome Various optical accessories (accessory specifications: Ø56x3mm): honeycomb and filter



LUMI Ordering Guide

K&L Code	LED type	Lumen lm	Power W	LED Voltage V	Ra	CCT K	Beam Angle °	Finish Color	Cutout mm	DxH mm
4.DL.190.D12	W+RGB	1600	20	36	90	2700-6500	15,24,36,50	WH/BK	75	82x99
4.DL.190.D11	WW+CW	1700	20	36	90	2700-6500	15,24,36,50	WH/BK	75	82x99
4.DL.190.D10	1 CCT	2000	20	36	90	2700,3000,3500,4000,5000	15,24,36,50	WH/BK	75	82x99

Note: 1. Dimension:DXH, D: Diameter, H: Height 2. Controlled by caimeta app with BLE.

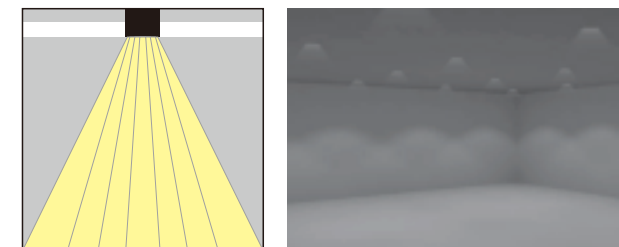
Features & Benefits

- Single CCT and Tunable White options are equipped with NFC function; W+RGB versions do not have NFC.
- Using the Caimeta app, take a photo with your phone to identify the color of the object in the picture.
- Automatically match the photo with corresponding colors in the formula, making the colors more realistic and enhancing the texture.
- Compact dimensions with high power: cutout Ø75mm, max 20W.
- Interchangeable lenses for different beam angles to suit various application scenarios.
- Professional-grade glare prevention, UGR<9.
- Available in Single CCT, Tunable White, and RGBW.
- Lighting control: Caimeta BLE enabled control; Triac, DALI, or 0-10V dimming options.
- Die-cast aluminum for passive cooling and durability.

Application

Retail shops, restaurants, halls, offices, hospitals, hotels, etc.

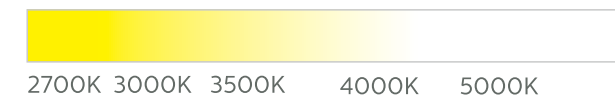
Optics Beam Angle: 15°, 24°, 36°, 50°



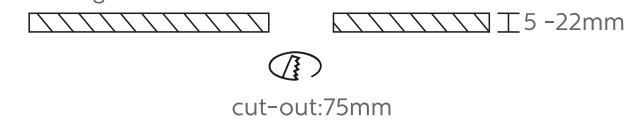
Lumen: 1600lm-2000lm



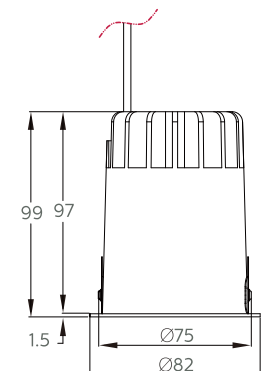
Correlated Color Temperature:



Ceiling thickness



LUMI Dimension (mm)



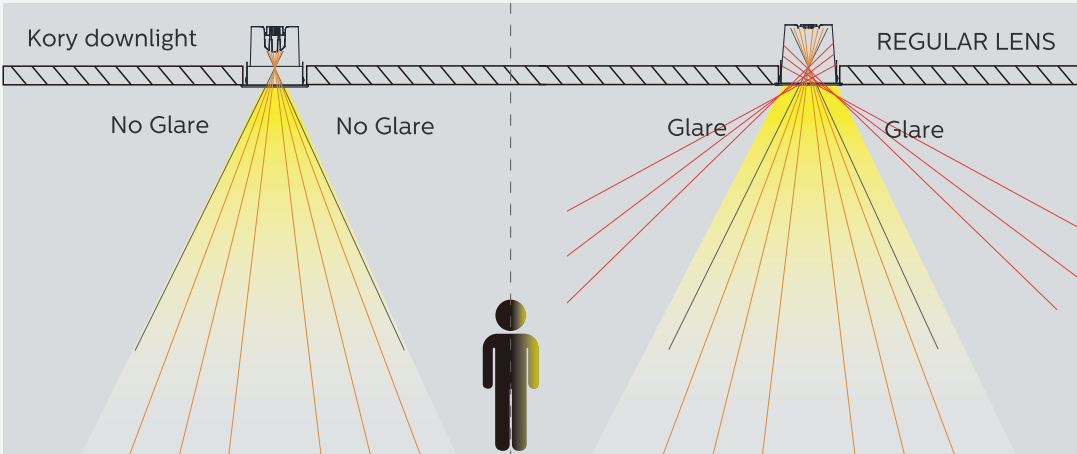


Kory

Small Aperture Downlight

The Kory Downlight is a sophisticated and elegant smart lighting solution designed for high-end residential and hospitality use. It uses a small aperture and ultra-thin trim to create "see the light but not the luminaire" effect.

Use tunable white Kory downlight together with Caimeta Scene Switch or Caimeta Smart Sensor, it allows you to tune warmly tune down to low CCT, or dimme up to high brightness.



Kory Uni downlight (The test data for 3000K,36°)

Series	Dimming	Installation	Wattage	Lumen	Max.intensity	CCT	Cut out	Beam Angle	Color
			W	lm	cd	K	mm	°	
Kory Uni	Bluetooth mesh	Recessed	15	700	1700cd	2700-6500K (WW+CW)	75	24	WH
			12	620	1500cd			36	BK

Kory BLE downlight (The test data for 3000K,36°)

Series	Dimming	Installation	Wattage	Lumen	Max.intensity	CCT	Cut out	Beam Angle	Color
			W	lm	cd	K	mm	°	
Kory BLE	Bluetooth mesh	Recessed	15	580	1400cd	2700K	75	24	WH
			12	500	1300cd	3000K 3500K 4000K 5000K full spectrum		36	BK

Features & Benefits Highlight

- Small aperture and ultra-thin trim create "see the light but not the luminaire" effect.
- Simple and elegant, perfect for high-end residential and hospitality use.
- Allow you to tune the perfect light for every moment by Caimeta App, Caimeta Scene Switch or Caimeta Smart Sensor.
- Visual Comfort with super low UGR 6@24°.
- Flexible with 0- 25°tiltable light engine.
- Available in Single CCT with full spectrum and Tunable White.
- Lighting control: Bluetooth mesh by Caimeta App.
- Die-casting aluminum passive cooling for durability.

Application

The Kory Downlight is an ideal choice for high-end residential homes, hotels, restaurants, bars, museums and art galleries.

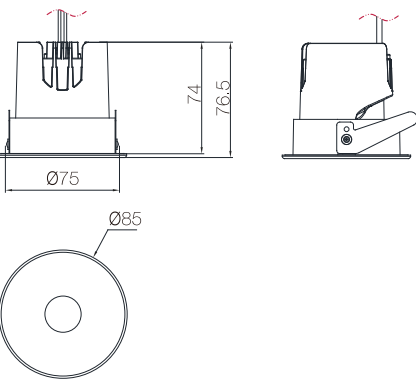
Interchangeable Optics: 24°,36°



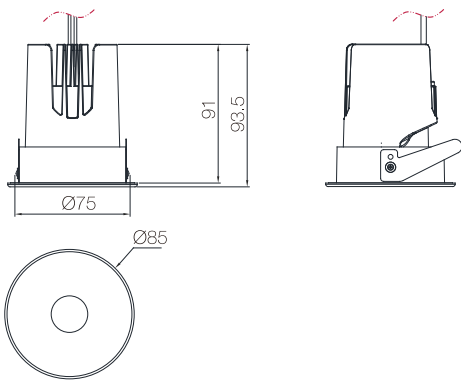
Correlated Color Temperature:

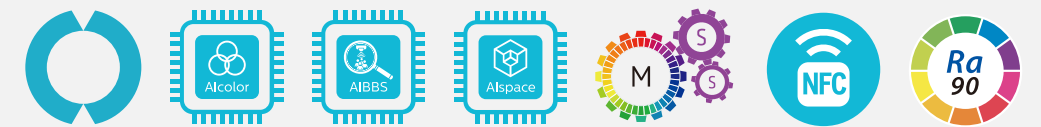


12W Dimension (mm)



15W Dimension (mm)





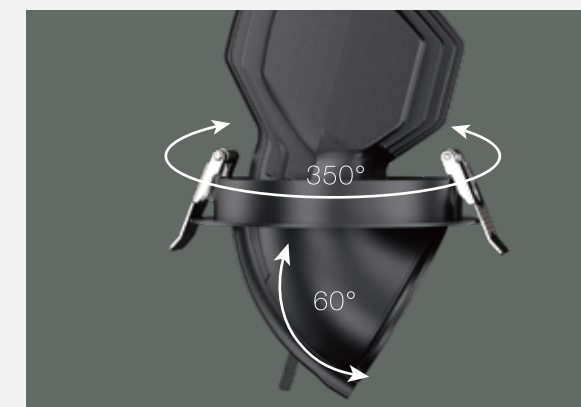
Ello

AI Smart LED Downlight

The Ello AI Downlight is a smart lighting solution that offers versatile and high-performance illumination. It brings store with data-driven features of foot traffic monitoring, commodity impression analysis, adaptive light spectrum, energy management and smart lighting control. The luminaires equipped with AI powered color sensor automatically adjust its light spectrum based on detection. Covering all lighting spectrum that you need.

NFC fast network configuration supports unpowered Bluetooth networking grouping, parameter preset, reset and pre-configuration, etc when turn off.

Ello can be 350° horizontal rotatable, 60° vertical tiltable, and field changeable lens and honeycomb, make it meet different application.





Features & Benefits Highlight

- AIBBS, AIColor, Aicct, Alspace enabled.
- AI smart light:The luminaires equipped with AI powered color sensor automatically adjust its light specturm (CCT+Chromaticity co-ordinate) based on detection.Covering all lighting spectrum that you need.
- NFC fast network configuration:Supports unpowered Bluetooth networking grouping, parameter preset, reset and pre-configuration, etc when turn off
- Field changeable lens and can add honeycomb to reduce the glare
- Flicker Free according to ErP 2024 : SVM<0.4 , Pst< 1, IEEE 1789 : <3% flicker percentage ,no stroboscopic effect.
- 350° rotation (horizontal) , 60° adjustable (vertical).
- Two version available: Pro dual version with two sensor and bluetooth version without sensor
- RGBW version and tuneable white version are available
- Two Different finish: texture white and texture black.
- Two size: 30W small size ceiling cut out is 95-100mm, 40W large size ceiling cut out is 120-130mm

Application

Ideal for museums,art galary,supermarket,shopping malls, retails store, etc.

Interchangeable Optics:
24°,36°,50°



Correlated Color Temperature:
2700K-6500K(W+RGB)

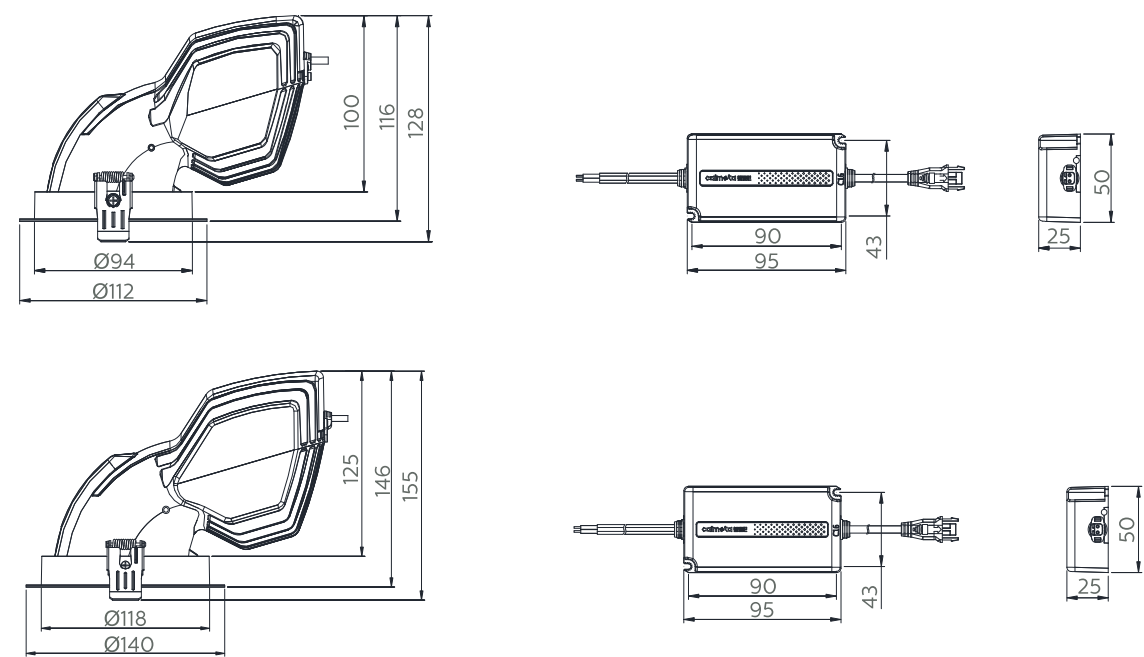
Color Rendering Index:



Ello (The test data for 3000K CCT 36°)

Series	Sensor quantity	Dimming	Installation	Wattage	Lumen	Max.intensity	Cut out	CCT	Beam angle	Color
				W	lm	cd	mm	K	°	
Ello	two sensor	Bluetooth mesh	Recessed	40	3200	7400	120-130	2700~6500 (W+RGB)	24, 36, 50	BK WH
	no sensor			30	2300	4200	95-100			

Dimension (mm)





LUKA

AI Smart LED Downlight

LUKA AI smart LED downlight equipped with AI powered color sensor automatically adjust its light spectrum (CCT+ Chromaticity co-ordinate) based on detection. Covering all lighting spectrum that you need.

High-saturation solar-level full spectral light source With COB optical module containing global patent cerification, innovative W+RGB packaging process, solar level full spectrum, 1000 of color blending schemes, equipped with patented AloT technology, it come out high saturation full spectrum light with Ra 95, restore the true color of the object. Colour formulation supports OTA remote upgrade, and colour formulation is constantly updated.

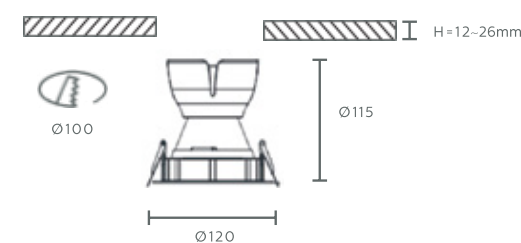


Features & Benefits Highlight

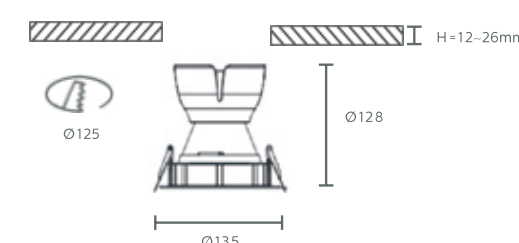
- Over 10 granted patents .
- AloT smart devices for CAIMETA® system.
- Alcolor™, control by“take photo”,“customization”and“slave mode”.
- Anti-glare with 30° cut-off angle.
- Wireless control via iOS and Android app.
- Wide gamut covering light spectrum for all application requirement
- Flicker Free compliant with IEEE 1789, ErP 2024 & Ecodesign.
- This product contains a light source of energy efficiency class F to Regulation EU 2019/2015.
- Solid state electronic, Class II compliant.
- Die-casting aluminum passive cooling achieved by innovative thermal design.

Application

Retail, Shop, Hotel, Restaurant, Art-gallery, Museum, Automotive and Parking, Education, Government, Healthcare, Hospitality, Offices and Banks, etc.



15W Luka Dimension



30W Luka Dimension

Luka Pro AI smart Downlight (with sensor) Ordering Guide

Installation	Wattage — Lumen — Max. intensity			Beam angle	Color
	W	lm	cd @36°		
Recessed downlight	15	— 1200	— 3400	15	BK
	30	— 2400	— 7300	24	WH
				36	

Luka AI smart Downlight (without sensor) Ordering Guide

Installation	Wattage — Lumen — Max. intensity			Beam angle	Color
	W	lm	cd @36°		
Recessed downlight	20	— 1600	— 4500	15	BK
	30	— 2400	— 7300	24	WH
				36	



Features & Benefits Highlight

- Over 10 granted patents .
- AIoT smart devices for CAIMETA® system.
- Alcolor™ , control by“take photo”,“customization”and“slave mode”.
- Anti-glare with 35° cut-off angle.
- Wireless control via iOS and Android app.
- Wide gamut covering light spectrum for all application requirement
- Flicker Free compliant with IEEE 1789, ErP 2024 &Ecodesign.
- This product contains a light source of energy efficiency class F to Regulation EU 2019/2015.
- Solid state electronic, Class II compliant.
- Die-casting aluminum passive cooling achieved by innovative thermal design.

Application

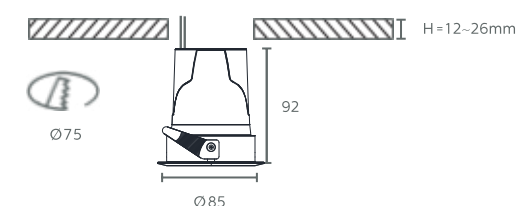
Restaurant ,cofee shop,,clothes shop,furniture store, art-gallery, retail shops, hotels, museums, etc.



LULU

AI Smart LED Downlight

Lulu AI intelligent LED downlight achieves more intelligent applications. It is composed of W+RGB LEDs and has a built-in sensor to recognize the color of the illuminated object. It has over 1000 light formulas to match the illuminated object. It really restores the color of the object, so that the color is not distorted. And when the store changes products, it can automatically recognize the illuminated object and match the appropriate light without changing the lighting fixtures. Truly achieve the goal of changing things without changing lights. Not only is the color more realistic, but it also saves the cost of changing lights.



Lulu Pro Downlight(with sensor) Ordering Guide

Installation	Wattage — Lumen — Max. intensity			Beam angle	Color
	W	lm	cd	°	
Recessed downlight	7	— 500	— 2000@24°	24 38	BK WH
	12	— 750	— 1900@36°	24,36,50	

Remarks:The 12w LuLu downlight does not Support 360° rotation horizontal.



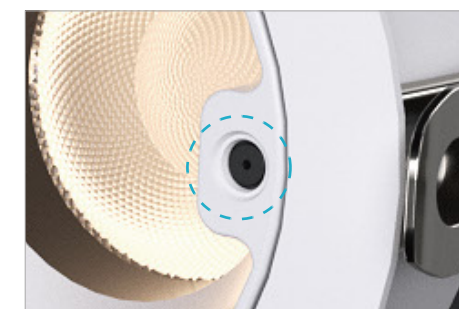
Lulu G2

AI Smart LED Downlight

Choose Caimeta® Lulu AI downlight, you can experience the power of Alcolor technology, producing vibrant hues, enjoying wireless control via IOS and Android.

Our Lulu downlights distinguish themselves with color sensor, it offers the right adaptive light spectrum for commodity lit according to the AI algorithm, present a better appearance. AlColor technology uses four channels LEDs, composed of RGBW LED(red, green, blue and warm white). With our excellent color mixing, we produce one of the widest and most accurate spectrums. Rich saturated secondary colors, making AlColor technology the ideal choice for high end architectural, commercial and hospitality lighting with excellent glare control. In addition to Alcolor option, we also have AICCT version which use two channels LEDs, combine warm white LED with cool white LED.

The Lulu AI downlight delivers captivating illumination across a wide spectrum, creating a visually engaging experience within any space. With its extensive range of design and installation options, Lulu is versatile for a wide array of new construction and remodel applications. It offers two types of installation: recessed with trim and trimless.



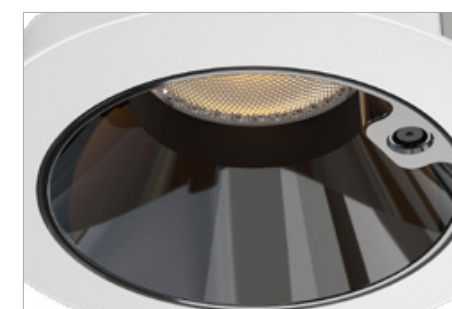
Color sensor
Adaptive light spectrum for commodity lit according to the AI algorithm, present a better appearance



±25° vertical tilt



Interchangeable lens
Field changable lens from 15deg, 24deg, 36deg to 50deg

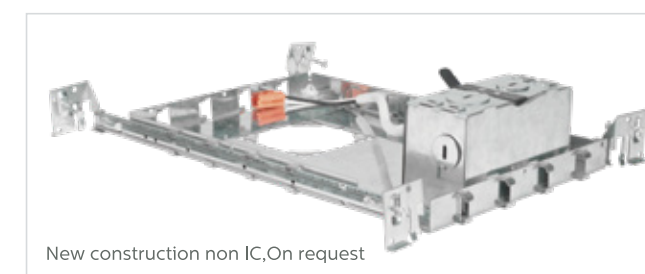


Low glare
Field changable black magnetic baffle with 30deg shielding angle

Installation for North America Market



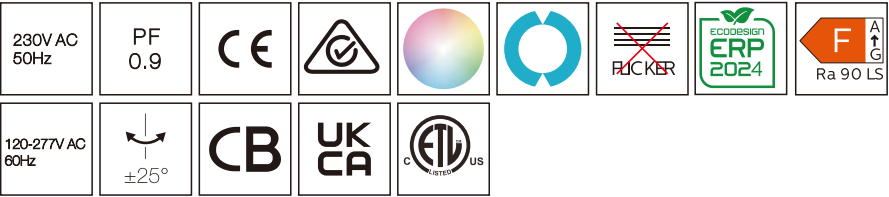
Remodel



New construction non IC,On request



New construction IC,On request



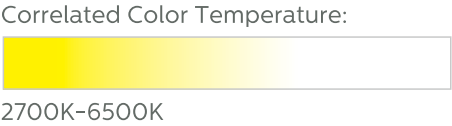
Features & Benefits Highlight

- Alcolor or Alcct enabled with adaptive light spectrum or CCT.
- AI - optimized light spectrum/CCT for optimal appearance of displayed goods.
- No side glare, darklight optics for highest visual comfort.
- ±25° tiltable.
- Field changeable lens and magnetic baffle.
- Flicker Free according to ErP 2024 : SVM<0.4 , Pst< 1, IEEE 1789 : <3% flicker percentage, no stroboscopic effect.
- RGB+W version and tuneable white version are available
- Two Different finish: texture white and texture black.

Application

Ideal for restaurant,hotels,fashion store,cafes, bars, retail store, hospitality, museum and art gallery.

Interchangeable Optics:
15°, 24°, 36°, 50°



Color Rendering Index:



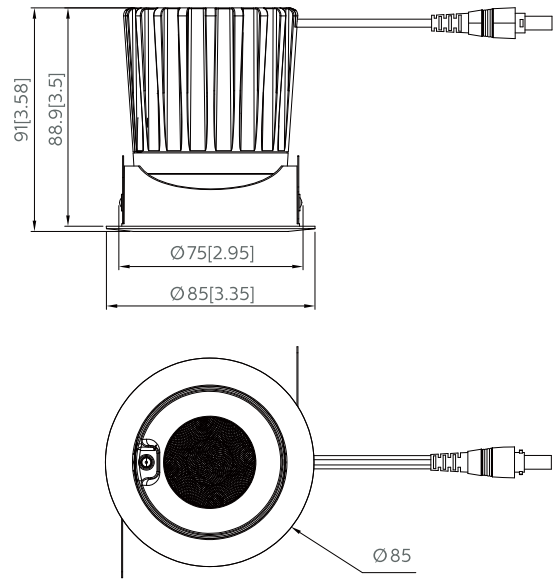
Lulu G2 (The test data for 3000K CCT 36°)

Series	Sensor quantity	Dimming	Installation	Wattage	— Lumen	— Max.intensity	CCT	Cut out	Beam angle	Color
				W	lm	cd	K	inch	°	
Lulu G2	One sensor	Bluetooth mesh	Spring Trimless	12	750	1900	2700-6500 (W+RGB)	3 7/64	24, 36, 50	BK WH

Lulu Uni G2 (The test data for 3000K CCT 36°)

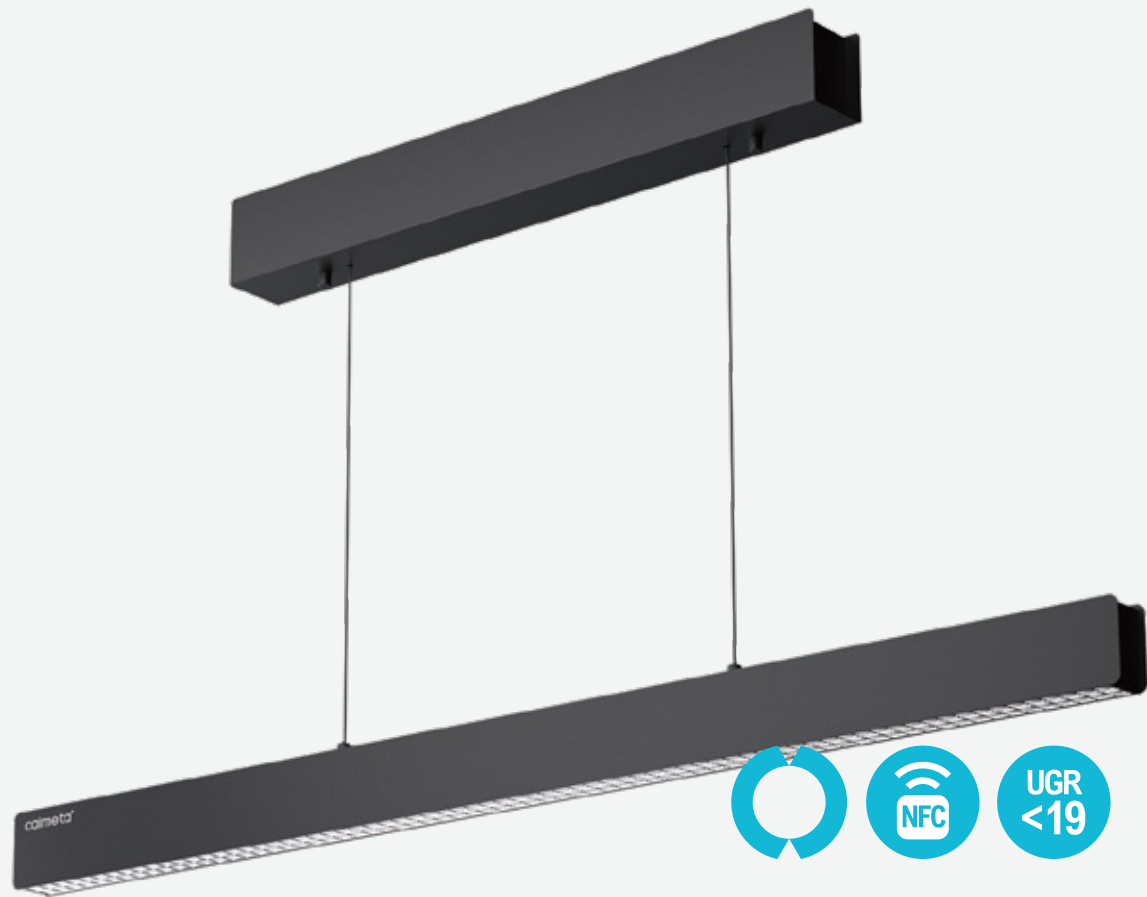
Series	Sensor quantity	Dimming	Installation	Wattage	— Lumen	— Max.intensity	CCT	Cut out	Beam angle	Color
				W	lm	cd	K	inch	°	
Lulu Uni G2	One sensor	Bluetooth mesh	Spring Trimless	12	780	2200	2700-6500 (WW+CW)	3 7/64	15, 24, 36	BK WH

Lulu G2 Dimension (mm/inch)



Ceiling cut out

3 7/64 inches (79mm)



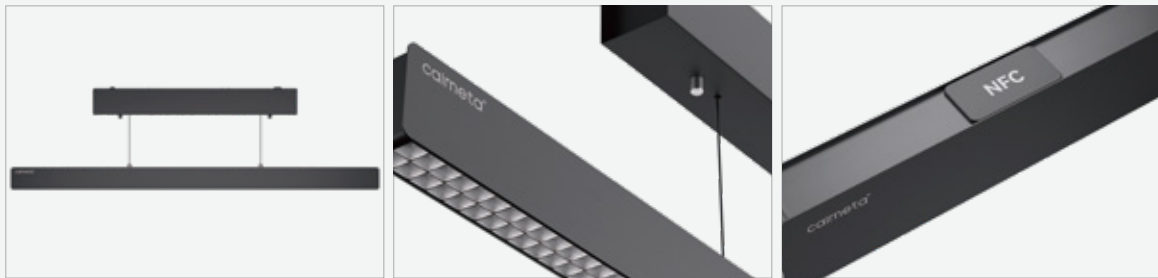
SKYLINE

Linear Light

The SKYLINE series linear light is a smart lighting fixture featuring Bluetooth connectivity for control via the CAIMETA app, allowing users to freely adjust the color temperature within a range of 2700K to 6500K. The light can also be linked with the CAIMETA Space Sensor to enable intelligent energy savings and automatic scene recognition (e.g., for rest, reading, and work modes).

SKYLINE utilizes a dual-layer lens design to effectively reduce glare. Its patented distributed louver optical lens structure ensures a Unified Glare Rating (UGR) of less than 19, delivering soft, refined light that helps reduce visual fatigue.

The fixture boasts a sleek, minimalist appearance and is easy to install. Its flexible structure allows for free height adjustment, making it convenient for users to tailor it to their personal preferences and needs. The unique housing is crafted from a rectangular extruded aluminum profile with no visible screws on the surface, resulting in a clean and refined overall look.



SKYLINE Ordering Guide

K&L Code	LED type	Lumen lm	Power W	Dimming	Ra	CCT K	Beam Angle °	Up/Down Light Ratio %	Finish Color	Dimension mm
4.XL.017.N03	WW+CW	2800	40	BLE	90	2700-6500	80	0: 100	WH/BK	1176x38x70
4.XL.017.N04	WW+CW	3500	50	BLE	90	2700-6500	80	30: 70	WH/BK	1176x38x70
4.XL.018.N03	WW+CW	2800	40	BLE	90	2700-6500	80	0: 100	WH/BK	1464x38x70
4.XL.018.N04	WW+CW	3500	50	BLE	90	2700-6500	80	30: 70	WH/BK	1464x38x70

Note: Controlled by caimeta app with BLE.

Features & Benefits

- Available in Tunable White.
- Lighting control: CAIMETA BLE.
- Aluminum profile for passive cooling and durability.
- Glare-free PC louver dual lens design with UGR < 19.
- Combines 70% down light and 30% up light or 100% down light.
- 2700K-6500K tunable white, Ra ≥ 90.
- After installation, the luminaire's height is freely adjustable to meet personalized requirements.
- Coiler Stretch Size: 300-1500mm
- No blue light to protect your eyes.

Application

Offices , Design Spaces , Creative studios , etc.

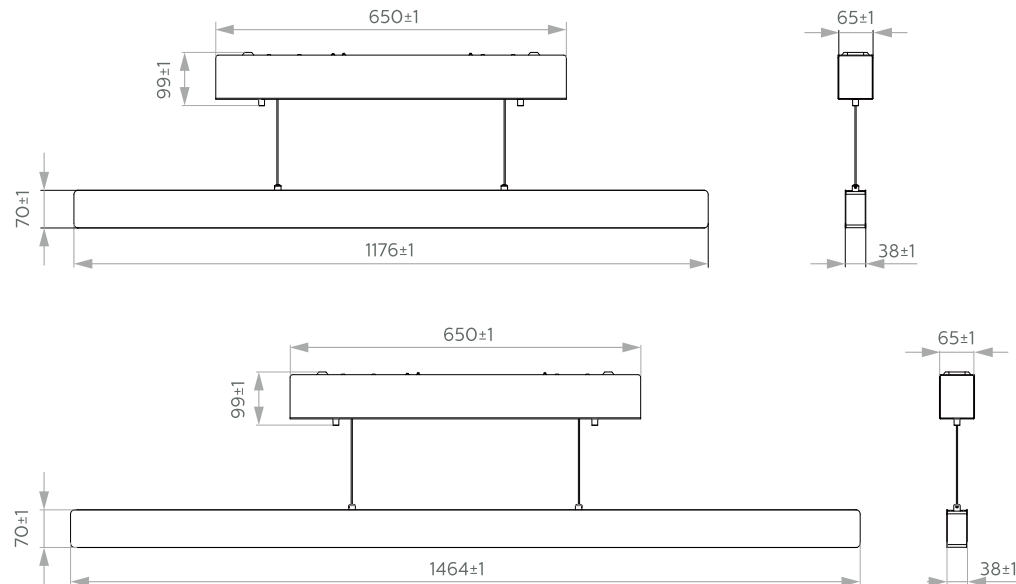
Optics Beam Angle: 65°x80°



Correlated Color Temperature



SKYLINE Dimension (mm)





VIBRANT

Pendant Light

The Vibrant series pendant lights feature color recognition capabilities, making them particularly suitable for supermarket fresh produce areas, where fruits and vegetables are rendered in their true colors, appearing fresher. Meats, fish, and seafood also look more appealing under these lights. Baked goods and pastries look more appetizing as well. All these functions are achieved with a single category of lighting. The company has developed over 1,000 product formulas, covering the vast majority of everyday items. This makes products look more realistic, with higher saturation, making them more attractive. By connecting via Bluetooth to the CAIMETA app or a smart space sensor, users can manage individual lights, groups of lights, or entire space systems, enhancing the application experience for the items. This lighting solution is ideal for use as key lighting or ambient lighting in exhibition spaces, retail environments, and supermarket fresh produce areas.



Color Sensor



NFC Function



Vibrant Pro Pendant Light W+RGB Ordering Guide (The test data based on 3000K CCT, 36° beam angle,max power)

Series	Installation	Dimming	Wattage	Lumen	Max.intensity	Ra	CCT	Beam Angle	Finish Color	DxH
			W	lm	cd					
Vibrant Pro	Surface	BLE	32	2300	5200	90	2700-6500	24	WH/BK	143x237
	4wire 3circuit track							36		
	H-type track							50		
	J-type track									

Vibrant Uni Pendant Light Ordering Guide (The test data based on 3000K CCT, 36° beam angle,max power)

Series	Installation	Dimming	Wattage	Lumen	Max.intensity	Ra	CCT	Beam Angle	Finish Color	DxH
			W	lm	cd					
Vibrant Uni	Surface	BLE	32	5900	10400	90	2700-6500	24	WH/BK	143x237
	4wire 3circuit track							36		
	H-type track							50		
	J-type track									

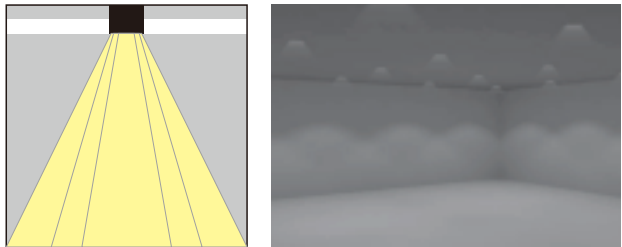
Features & Benefits

- Alcolor or Alcct enabled with adaptive light spectrum or CCT.
- AI-optimized light spectrum/CCT for optimal appearance of displayed goods.
- AloT smart devices for the CAIMETA system.
- No side glare ensures maximum visual comfort.
- Available as track pendant or surface-mounted pendant; recessed pendant available on request.
- Unique design for high-end supermarkets and other retail applications.
- Die-cast aluminum for passive cooling.
- Flicker-free compliant with IEEE 1789, ErP 2024, and Ecodesign.
- Anti-glare with a 25° cut-off angle.
- Sustainable packaging without plastic.

Application

Supermarket Fresh Food Area, Fashion shop, Retail shops, Exhibition spaces, Restaurant, etc.

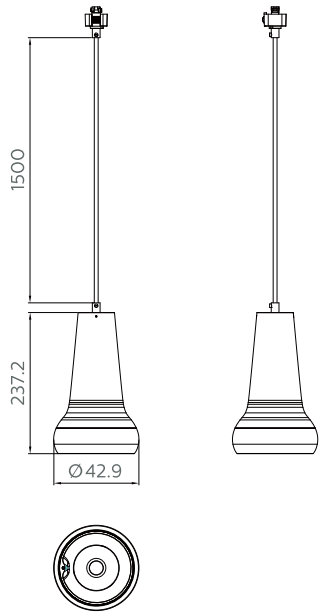
Optics Beam Angle: 24°, 36°, 50°



Lumen: 2300lm-2600lm



Correlated Color Temperature:





AURA

Low voltage Linear Track Lights

The AURA 48V low-voltage series linear track light is an intelligent lighting fixture with Alcct function, which can change the suitable CCT according to the color of the illuminated object, making the illuminated object closer to its original color. It is also possible to control the lighting on the app through Bluetooth function. swing 180 degrees vertically, flexible and convenient. There are 36 degree and 60 degree options for lens, as well as a 110 degree option for PC covers. There is also a locking mechanism that can lock the adaptor in the track, ensuring safety.



Features Highlight

- Alcct function enabled automatic recognition of optimal lighting color temperature for objects via sensors, adaptive 2700K-3000K-3500K-4000K-5000K-6500K automatically depending on objects
- 2700K/3000K/3500K/4000K/5000K/5700K/6500K CCT switchable by hand
- High CRI with Ra>90,R9>50
- 3 beam angle:36°,60°and 110°
- Flicker Free according to ErP 2024: SVM<0.4, Pst<1, IEEE 1789: <3% icker percentage, no stroboscopic eect
- 180° adjustable (vertical)

Application

Residential buildings,living rooms,houses, furniture store, art-gallery, retail shops, hotels, museums, etc.

Aura Pro Linear Track Lights Ordering Guide

Installation	Wattage — Lumen		CCT		Beam angle	Color
	W	lm		k		
M20 Shallow track	15	950	—	2700~6500	36	BK
M20 deep track					60	WH
					110	

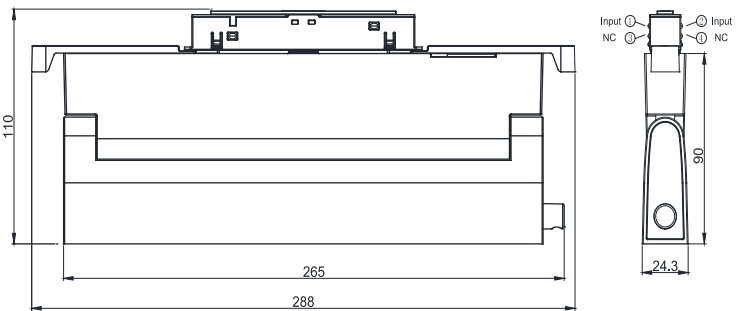
*There are options of PC cover (110°) or Lens.



Aura with shallow track adaptor



M20 Shallow track



Aura with deep track adaptor



M20 Deep track



Meta 2 Low Voltage 48V Dual sensor Track Light Ordering Guide

Installation	Wattage — Lumen		Beam angle	Color
	W	lm		
M20 Shallow track	15	1200	15	BK
			24	WH
			36	

Meta 2 Low Voltage 48V One sensor Track Light Ordering Guide

Installation	Wattage — Lumen		Beam angle	Color
	W	lm		
M20 Shallow track	15	1200	15	BK
			24	WH
			36	

Meta 2 Low Voltage 48V BLE (without sensor) Track Light Ordering Guide

Installation	Wattage — Lumen		Beam angle	Color
	W	lm		
M20 Shallow track	15	1200	15	BK
			24	WH
			36	

Meta 2

Low voltage Track Lights

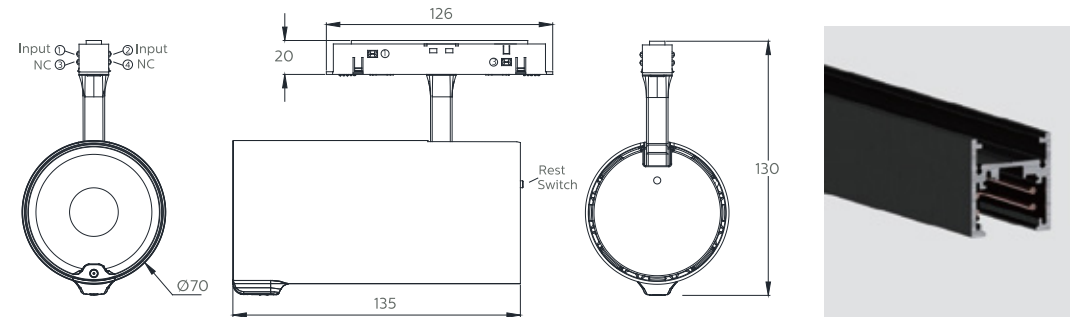
The Meta 2 48V low-voltage track light series are intelligent lighting fixtures with Alcolor and Alspace function, which can change the suitable spectrum according to the color of the illuminated object, making the illuminated object closer to it's original color, with high saturation and a more vivid appearance. It is also possible to control the lighting on the app through Bluetooth function. Rotate 360 degrees horizontally and swing 90 degrees vertically, flexible and convenient. There are 15°, 24° and 36° options for lens angles. There is also a locking mechanism that can lock the adaptor in the track , ensuring safety. The soft light version of the track light is very suitable for illuminating high brightness products such as cars and tiles, making it comfortable for customers to look at the goods without glaring(The beam angle of soft light version include 24° and 36°).

Features & Benefits Highlight

- Double security protection: magnetic and lock design
- Compatible with majority M20 low voltage magnet track system
- Interchangeable beam angle: 15°, 24°, and 36° .
- No side glare, darklight optics for highest visual comfort with 30° shielding angle.
- Flicker Free according to ErP 2024:SVM<0.4 , Pst<1, IEEE 1789: <3% flicker percentage , no stroboscopic effect.
- 360° rotation (horizontal), 90° adjustable (vertical) .
- Two different dimension: D70 for 25W and D60 for 15W.
- Two Different finish: texture white and texture black.
- Sleek, compact cylinder housing and no visible screws.
- Two different installations: track spotlight and track pendant light.

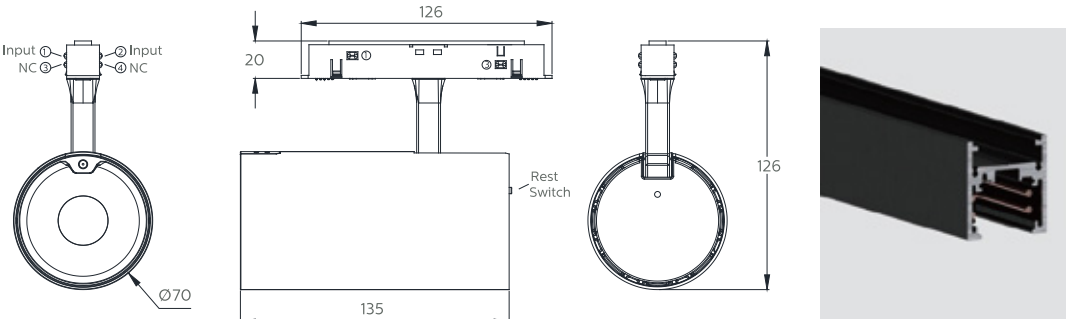
Application

Residential buildings, living rooms, houses, furniture store, art-gallery, retail shops, hotels, museums, etc.



Meta 2 Low Voltage 48V with sensor Track Light Dimension

M20 Shallow track



Meta 2 Low Voltage 48V BLE Track Light Dimension

M20 Shallow track



LEDGEAR®



One channel output BLE driver

Features

- 3s Quick Setup:NFC touch pairing,completes scenes/grouping/reset in 3 seconds.
- Smart Bluetooth Control:Built-in dimming & scene grouping.
- 1 channel outputs for independent brightness control.
- 0.1%-100%Flicker-Free Dimming:Ultra-smooth 0.1%dimming depth; zero flicker
- Wide operating window:9-52V/100-1500mA,flexible 1-60W fixture compatibility
- 88%Efficiency,0.5W Standby
- PF>0.9:High-efficiency isolated topology
- Multiple Protections: Short-circuit, overload, over-voltage, overheat, and flame-retardant (VO).

Benefits

- Customizable output current for inventory efficiency.
- Energy savings with standby power < 0.5W.
- Flicker-free operation with < 3% flicker percentage.
- Easy and quick installation.

Connection Interface

- Caimeta App
- Strain relief end cap
- Terminal blocks: push-fit terminals

Protection Functions

- Over current, over voltage, short circuit
- Over temperature

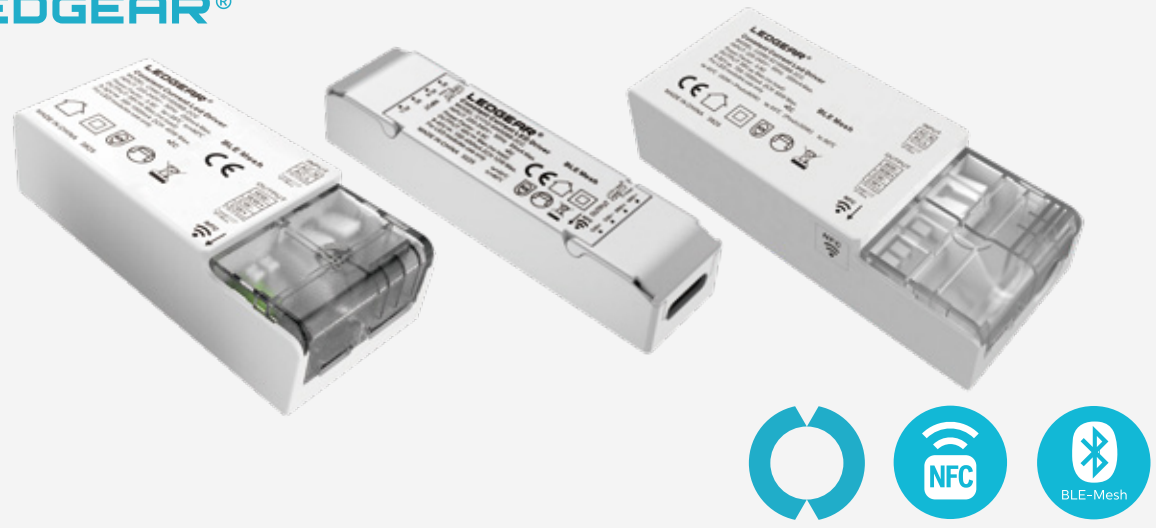
Application

- Suitable for spotlights, downlights, panel lights, pendant lights,ceiling lights, cove lighting, and more.

Product code	Output Channels	DIM	Housing	Output power W	Dimming range %	Output current range mA	Output voltage range Vdc	Flicker %	PstLM	SVM	DxH mm
4.DR.075.004	1	BLE	C11	12	0.1-100	100-450	9-40	<0.3	0.01	0.01	115x29x21
4.DR.050.033	1	BLE	C4	24	0.1-100	350-700	9-52	<0.3	0.01	0.01	86x52x29.5
4.DR.051.026	1	BLE	C5	40	0.1-100	350-1050	9-52	<0.3	0.01	0.01	115x52x29.5
4.DR.091.002	1	BLE	C20	60	0.1-100	700-1500	9-52	<0.3	0.01	0.01	136.7x56x32.5



LEDGEAR®



Two channels output BLE driver

Features

- 3s Quick Setup:NFC touch pairing,completes scenes/grouping/reset in 3 seconds.
- Smart Bluetooth Control:Built-in dimming,CCT tuning&scene grouping.
- Dual channel outputs for independent brightness &CCT control.
- 0.1%-100%Flicker-Free Dimming:Ultra-smooth 0.1%dimming depth; zero flicker
- Wide operating window:9-52V/100-1500mA,flexible 1-60W fixture compatibility
- 88%Efficiency,0.5W Standby
- PF>0.9:High-efficiency isolated topology
- Multiple Protections: Short-circuit, overload, over-voltage, overheat, and flame-retardant (VO).

Benefits

- Customizable output current for inventory efficiency.
- Energy savings with standby power < 0.5W.
- Flicker-free operation with < 3% flicker percentage.
- Easy and quick installation.

Connection Interface

- Caimeta App
- Strain relief end cap
- Terminal blocks: push-fit terminals

Protection Functions

- Over current, over voltage, short circuit
- Over temperature

Application

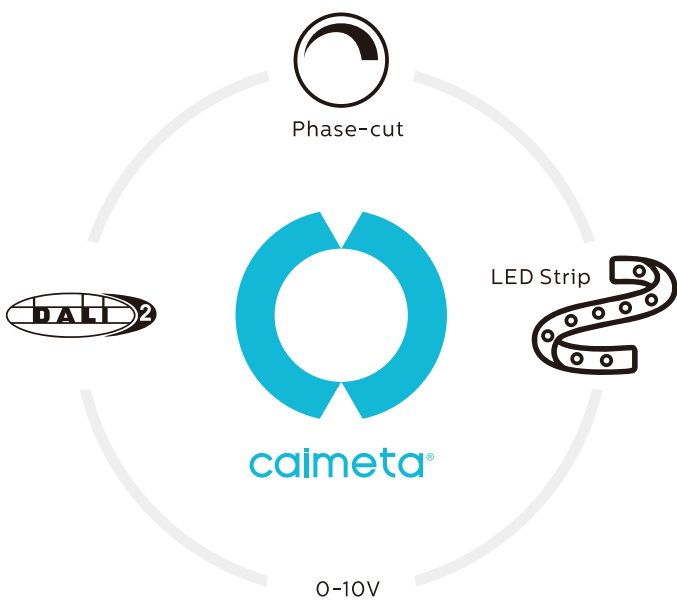
- Suitable for spotlights, downlights, panel lights, pendant lights,ceiling lights, cove lighting, and more.

Product code	Output Channels	DIM	Housing	Output power W	Dimming range %	Output current range mA	Output voltage range Vdc	Flicker %	PstLM	SVM	DxH mm
4.DR.075.003	2	BLE	C11	12	0.1-100	100-450	9-40	<0.3	0.01	0.01	115x29x21
4.DR.051.024	2	BLE	C5	40	0.1-100	350-1050	9-52	<0.3	0.01	0.01	115x52x29.5
4.DR.091.001	2	BLE	C20	60	0.1-100	700-1500	9-52	<0.3	0.01	0.01	136.7x56x32.5

caimeta®

BLE MESH CONTROLLERS

To upgrade the traditional lighting products into the wireless control, connect them to the CAIMETA® DALI 2, Phase-cut, 0-10V or LED strip controllers. These controllers provide wireless control of traditional lighting, including ON/OFF, dimming, tuning, and color change, within a range of 20 meters. Compared to traditional lighting systems, these controllers offer numerous advantages, such as convenience, low cost, high flexibility, comprehensive functions, memory function, and easy installation. Additionally, they feature short-circuit protection, open-circuit protection, and heat protection.



Phase-cut BLE Mesh Controller

Suitable for trailing edge dimming only



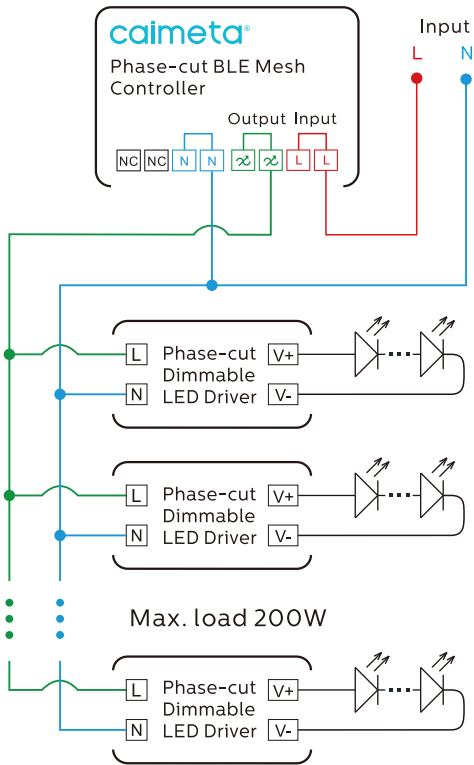
Features & Benefits Highlight

Enables to connect Phase-cut luminaires and drivers using CAIMETA® wireless technology. The product brings advantages:

- Easy control: achieve Bluetooth connecting and control the lights, Max. 20 meters wirelessly through a mobile app.
- Achieve wireless on/off, 0-100% dimming.
- Memory function: switch-on with last brightness.
- Max. load: up to 200W phase-cut dimmable luminaires.
- Independent Installation: Built-in cable clamp, suitable for any remote installation.
- Easy wiring: push-fit terminals with through wiring, no screw fixing, making it easier to install.
- Short-circuit protection, open-circuit protection, and heat protection: to ensure the safety and reliability of the controller.

Wiring Diagram

CAIMETA® APP→Phase-cut



Product code	Input voltage	Max. load	Load type	Dimming range	Displacement Factor	Standby Power	Dimension
	Vac	W		%		W	mm
R94003	220-240	200	RC	0-100	0.95	<0.5W	86x52x30

DALI 2 BLE Mesh Controller

Suitable for DALI 2 Devices Type 6 and Type 8 Tc



RGCW LED strip BLE Mesh Controller

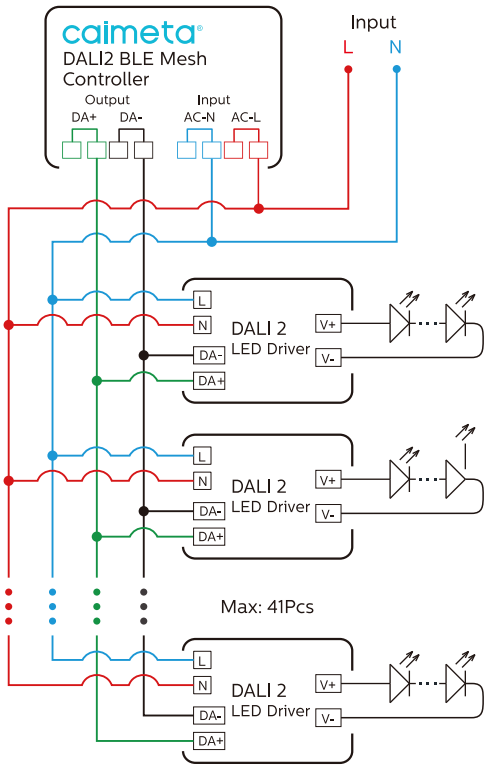
Suitable for constant voltage LED strip



Features & Benefits Highlight
 Enables to connect DALI-2 DT6 and DT8 Tc luminaires and drivers using CAIMETA® wireless technology. The product brings advantages:

- Easy control: achieve Bluetooth connecting and control the lights, Max. 20 meters wirelessly through a mobile app.
- Low cost: compared to DALI devices, allowing users to achieve lighting control at a lower cost.
- Achieve wireless on/off, 0-100% dimming, and color temperature tuning(for DT8 Tc).
- Built-in DALI power supply: Max.outputs 82mA (up to 41 DALI devices).
- Memory function: switch-on with last brightness and color temperature
- Independent Installation: built-in cable clamp, suitable for any remote installation.
- Easy wiring: push-fit terminals with through wiring, no screw fixing, making it easier to install.
- Short-circuit protection, open-circuit protection, and heat protection: to ensure the safety and reliability of the controller.

Wiring Diagram
 CAIMETA® APP→DALI 2

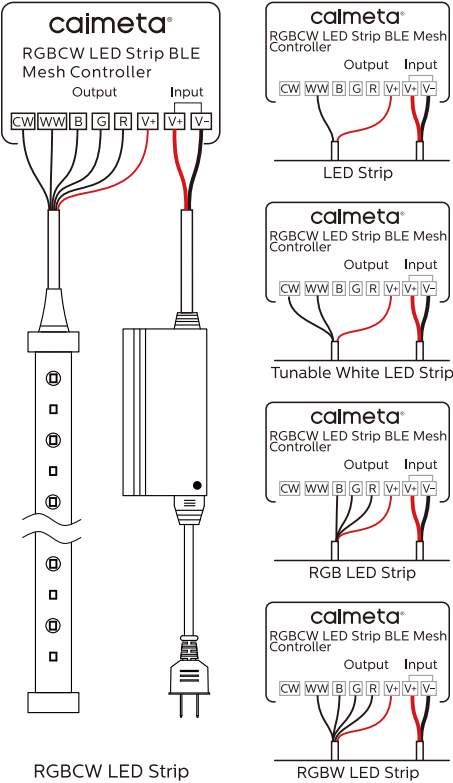


Product code	Input voltage	Load type	Dimming range	DALI PS current	DALI PS voltage	Standby Power	Dimension
	Vac		%	mA	Vdc	W	mm
R94004	220-240	DALI-2 DT6, DT8 Tc	0-100	82	9.5-18	≤ 0.5W	86x52x30

Features & Benefits Highlight
 Enables to connect 1ch to 5ch LED strips using CAIMETA® wireless technology. The product brings advantages:

- Easy control: achieve Bluetooth connecting and control the lights, Max. 20 meters wirelessly through a mobile app.
- Achieve wireless ON/OFF, 0-100% dimming, tuning, light color adjustment.
- Memory function: Switch-on with last brightness
- Max. load: up to 5A of each channels
- Independent Installation: Built-in cable clamp, suitable for any remote installation.
- Easy wiring: Push-fit terminals with through wiring, no screw fixing, making it easier to install.
- Short-circuit protection, open-circuit protection, and heat protection: to ensure the safety and reliability of the controller.

Wiring Diagram
 CAIMETA® APP→LED Strip



Product code	Input voltage	Max. load @each channel	Load channels	Dimming range	Out voltage	Standby Power	Dimension
	Vdc	A		%	Vdc	W	mm
R94005	5-24	5	Max. 5	0-100	5-24	≤ 0.5W	87.5x60x27.5

2ch 0/1-10VBLE Mesh Controller

Suitable for 0/1-10V dimming, or 2ch 0/1-10V tunable white

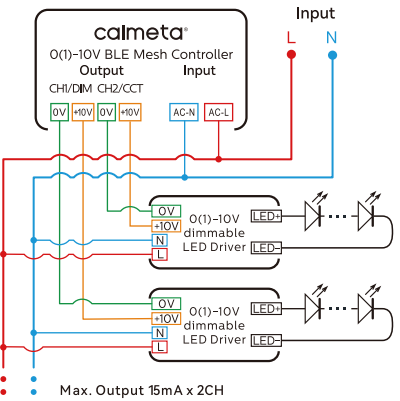


Features & Benefits Highlight

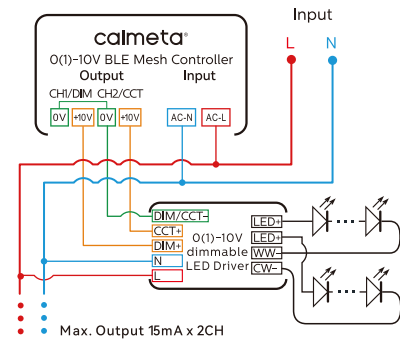
Enables to connect 0/1-10V dimmable and tuning luminaires and drivers usingCAIMETA® wireless technology. The product brings advantages:

- Easy control: achieve Bluetooth connecting and control the lights, Max. 20 meters wirelessly through a mobile app.
- Achieve wireless on/off, 0-100% dimming, and color temperature tuning(for 0/1-10V two channels).
- Passive 0/1-10V dimming: integrated with outputs 15mA Max.
- Memory function: switch-on with last brightness and color temperature.
- Independent Installation: Built-in cable clamp, suitable for any remote installation.
- Easy wiring: push-fit terminals with through wiring, no screw fixing, making it easier to install.
- Short-circuit protection, open-circuit protection, and heat protection: to ensure the safety and reliability of the controller.

Wiring Diagram CAIMETA® APP→1-10V



0/1-10V Dimmable



0/1-10V Tunable White

Product code	Input voltage	Load type	Output Dimming Current	Dimming range	Output voltage	Standby Power	Dimension
	Vac		mA	%	Vdc	W	mm
R94006	220-240	0/1-10V DIM 0/1-10V Tunable White	15 x 2ch	0-100	0.3-10	≤ 0.5W	86x52x30



CAIMETA®D70
PORTABLE DEMO TOOL



YouTube



CAIMETA®D60
PORTABLE DEMO TOOL



DEMO TOOL TRIPOD



Discover the future of lighting presentations with the CAIMETA® Portable Demo Tool. This advanced device features Alcolor Performance and other wireless control via the app enhances convenience. Powered by a battery, ideal for showcasing CAIMETA® AI Spotlight features. With IATA approval for air travel and dual safety switches, it's both portable and secure.

Features & Benefits Highlight

- Alcolor Performace (AUTO Mode, Master-Slave, Take-Photo, Customization)
- Other wireless control functions via App.
- Built-in battery: D70: 18V 1500mAh, D60: 12.6V, 1500mAh.
- Extended working hours: D70 3 hours per charge, D60 2.5 hours per charge.
- Flight-approved: travel with confidence within IATA limitations (100Wh).
- Double safety switches: primary for the battery, secondary for output connection.
- Portable and easy for CAIMETA AI spotlight demonstrations.



Laser AimLit

Tools for Easy Installation

The Laser AimLit is a tool specifically designed for precise spotlight adjustment, helping you to position lights quickly and efficiently, saving both time and effort.

Features & Benefits

- Time-Efficient: Fast adjustment, eliminating the need to repeatedly climb ladders or coordinate with others.
- Easy Operation: Adjust light direction without turning on the track light, allowing for pre-adjustment.
- Quick Mounting: Spring clamp enables easy installation and removal.
- Durable: Features a high-quality laser pen for long-term use.
- Replaceable Laser Pointer: The laser pen can be replaced as needed.
- Material: Aluminum,Plastic.
- Battery Powered: It is powered by 1pc AAA battery(not included).



The spring clip design is adopted for easy installation and disassembly



Powered by AAA batteries. The direction can be adjusted without turning on the spotlights, and it supports pre-adjusting the lights.



Class 2 laser, Power<1mw



Application

60-90mm diameter track light, including Kano, Meta, etc

Laser AimLit Ordering Guide

K&L Code	Battery	Suitable Diameter(mm)	Dimension(mm)	Material	Finish Color
4.QT.001.001	AAA	60-90	110.6x105.5x191.5	Plastic	BK

Note: Batteries are not included

Dimension (mm)

