



Metronomis | LED

LEDify vision into reality



Do you know that...

We are urban, we are global

Today 50% of the world's population lives in cities. This is expected to rise to 75% by 2050.

We are environmentally aware

Cities want to meet their sustainability goals by reducing light pollution.

We want our city to be unique

Municipalities want to offer quality of life and citizen well being. One way of achieving those goals is by creating comfortable public spaces.

We are connected

There are new opportunities to improve urban life through intelligent lighting such as Interact City.



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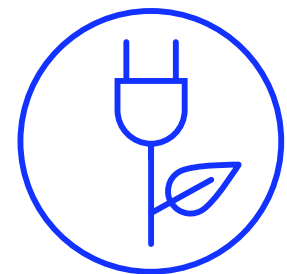
Metronomis | LED

Successor of our famous Metronomis conventional product range, Metronomis 1 LED luminaire is the obvious LEDdifying solution to our Cambridge, Berlin, Bordeaux, Porto luminaire versions. In its daytime appearance, Metronomis 1 LED integrates harmoniously with any street scene, while its night-time appearance is both functional – guiding people and traffic safely through the city – and decorative, creating a pleasant ambience in city squares and pedestrian precincts.



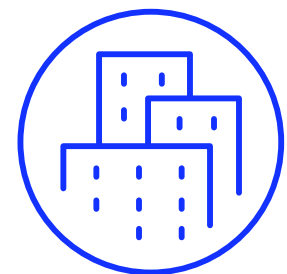
Original Metronomis design

LEDifying Metronomis 1 LED and still maintaining the design was a challenge. We succeeded though to create an elegant with modular look and feel luminaire, which integrates harmoniously any street scene during day and night.



Energy-efficient luminaire

A broad range of lumen output and optics ensure maximum efficiency at all lighting levels. Metronomis 1 LED enables energy cost savings of an estimated 40 - 60% compared to conventional luminaires.



A coherent lighting approach

The Metronomis 1 LED is a family of five highly distinctive luminaires and dedicated supports (poles and brackets). It can be used to provide architects and lighting designers with a unified, consistent lighting design, which still reflects the differences in urban culture and history.



Future ready and easily serviceable

Metronomis 1 LED (post top version only) can be seamlessly connected to Interact City scene management software. Thanks to remote management all the intelligence will be integrated into the luminaire without using any additional hardware. Furthermore, Metronomis 1 LED is easily serviceable thanks to the Service Tag.



Family range

Post top versions

Pole mount Ø 60 or Metronomis brackets

Pole mount Ø 76



Berlin

(clear bowl with 2 arms)



Post Top versions only
(BDS580 & BDS570)

Cambridge

(clear bowl with 4 arms)



Suspended versions

Suspended for Metronomis brackets



Porto

(qualicoated bowl RAL 9006)

Bordeaux

(clear bowl with 2 or 4 arms)



Family range accessoires



GentleBeam



Diffusing plate



Round louver



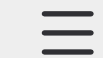
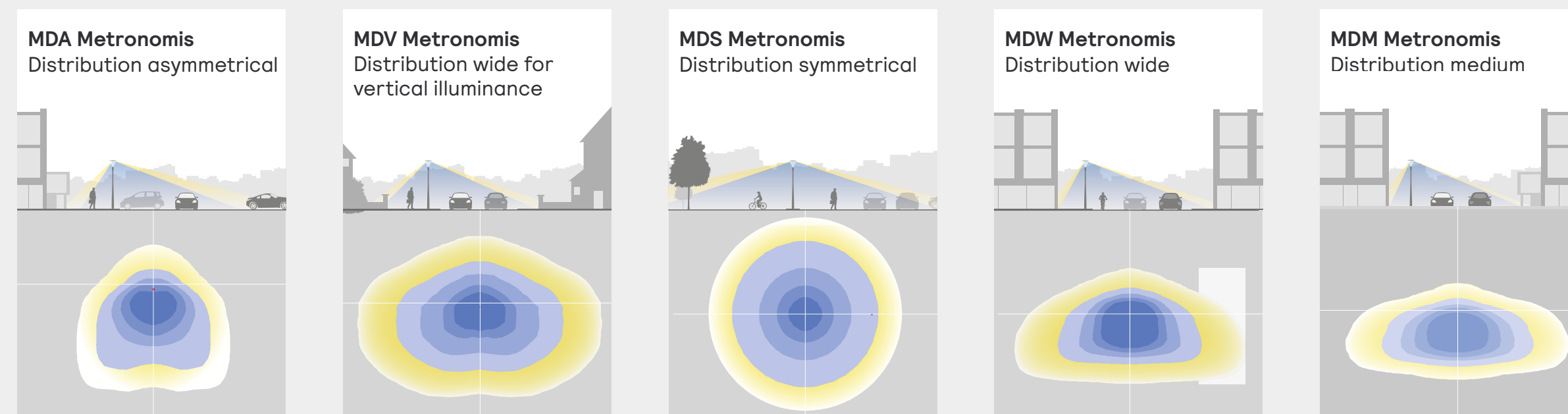
Lighting applications

Best-in-class lighting and energy performance

A broad range of lumen output and optics to ensure maximum efficiency at all lighting levels

Energy-efficient luminaire: energy cost savings of an estimated 40 - 60% compared to conventional luminaires

Lighting performance – standard optics



Ready to be connected with Interact City

Today, Metronomis I LED (post top version only) can be connected to the Interact City system by simply twisting a controller without the need of any additional hardware.

Interact City connected LED lighting system and management software turns lighting into a connected network capable of hosting sensors and other IoT-enabled devices. It allows you to tap into a wide range of lighting and non-lighting benefits such as dimming, presence detection.



Signify Service tag

Service tag from Signify is a unique QR code-based LED luminaire asset identification system that provides detailed information on specification and spare parts. The system simplifies the installation and maintenance of lighting infrastructure by utilizing cloud technology. Service tag also plays a key role in the circular design of our lighting solutions, as it extends their service life and reduces maintenance efforts, ensuring efficient servicing and avoiding waste.



How it works

Every luminaire is equipped with a unique QR code. All relevant asset data is stored in the service cloud, including detailed luminaire specification, User data (geo location, project-location, external ID, notes, etc.) and information on spare parts and accessories. By scanning the QR code on the packaging or luminaire with the Signify Service tag app, this information becomes instantly accessible, offering invaluable benefits.

Your benefits at a glance



During installation



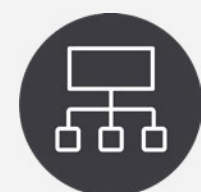
#1. Download the app

Download the Service tag app from the App store or Play store on your mobile device (iOS or Android).



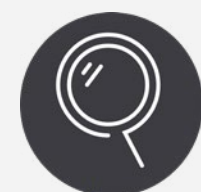
#2. Register the luminaire

Register the luminaire by simply scanning the QR code on the packaging or luminaire. The system automatically identifies the type of each luminaire.



#3. Create a group QR code

If you have multiple luminaires, it's possible to use the Service tag app to combine individual luminaires into a group. Each group will have its own unique group QR code.



#4. Luminaire information

Scan the QR code on your luminaire for easy access to the installation manual.

During service/maintenance



#1. Spare parts identification

Use the Service tag app to view a luminaire's spare parts, which contains all necessary information for quick ordering.



#2. Spare parts programming

Quickly program a spare driver using the Service tag app—without needing a faulty driver on hand. Scan the QR code of a luminaire with your device, put your mobile device on the spare driver, press "Program" and the spare driver receives the right settings for this specific luminaire.



Easy installation and commissioning

- Access to product details, manuals and spare parts
- Helps avoid errors



Simplified maintenance

- Detailed information on products
- Quick access to relevant information means less time required for repairs or replacements



Asset management

- Real-time tracking of assets
- Simplified management of replacements, upgrades and warranty information

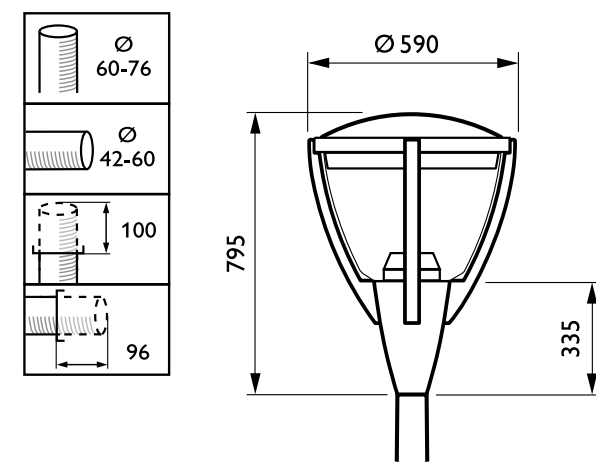
Learn more at signify.com/global/service-tag



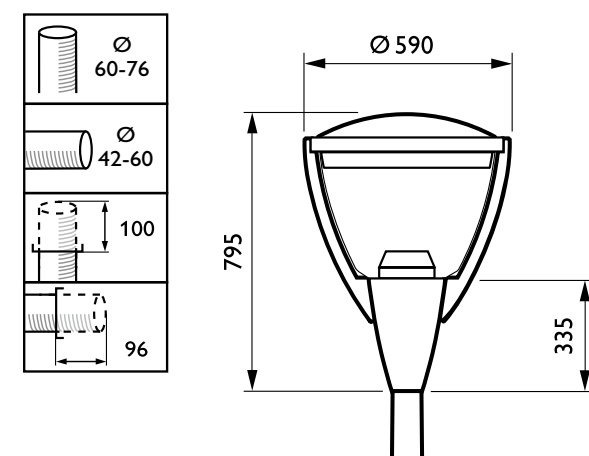
Product specifications

Type	BDS580/570/501/592/594
Light Source	Integrated LED module
Correlated Color Temperature	2,000 K - 2,700 K; 3,000 K (warm white) - 4,000 K (neutral white)
Color Rendering Index	80 (warm white) - 70 (neutral white)
(System) Luminous flux (depending on LED configurations)	1950 - 11 000 lm depending on configuration
Power	15 W - 108 W depending on configuration
Luminaire efficacy	up to 150 lm/w
Lifetime (Maintenance of Lumen Output L80B10)	100,000 hours
CLO	available
Optic	Distribution Medium (MDM), Wide (MDW), Assymetrical (MDA), Symetrical (MDS), Vertical (MDV)
Optical cover	Polycarbonate Clear Bowl, Polycarbonate qualicoated bowl RAL 9006
Warranty	5 years
Installation	Post top, suspended, wall mounting on column with dedicated Metronomis brackets, depending on version.
Mounting height	4m - 6m

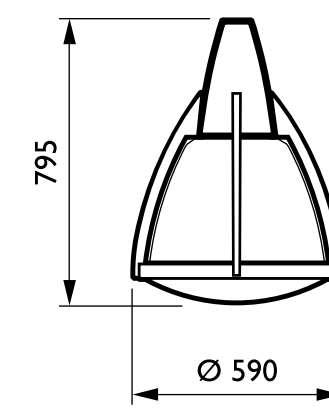
Driver	Xitanium Driver
Intelligence Control	LumiStep, LineSwitch, DALI, Coded mains, Dynadimmer, Dimming via mains
Connectivity option	Interact City
Operating temperature range	-20 °C < Ta < +35°C
Mains voltage	220-240 V / 50-60 Hz
Electrical class	Class I and Class II
Color	Dark Grey Other RAL and AKZO Futura colors available on request
IP rating	IP65
IK rating	IK08
Weight	BDS501:10,6 kg - BDS570: 11,4 kg - BDS580/BDS594: 12,2 kg - BDS592 : 11,4 kg
Scx	0,16 m2
Surge protection	6 kV (standard) -10kV (optional)
Certification	CE -ENEC - 005



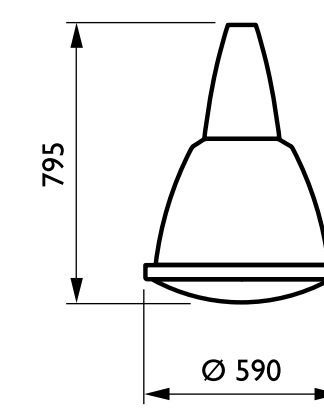
BDS580 - Cambridge
Post-top with 4 arms
Pole mount Ø 60 or
Metronomis brackets
Pole mount Ø 76



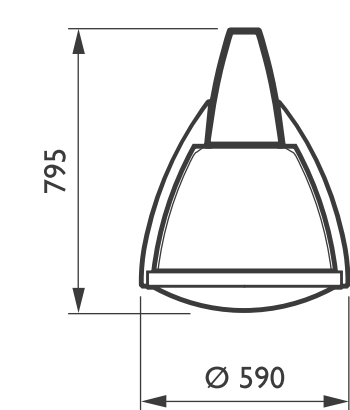
BDS570 - Berlin
Post-top with 2 arms
Pole mount Ø 60 or
Metronomis brackets
Pole mount Ø 76



BDS594 - Bordeaux
Suspended with 4 arms
Metronomis bracket



BDS501 - Porto
Suspended with qualicoated bowl
Metronomis bracket



BDS592 - Bordeaux
Suspended with 2 arms
Metronomis bracket

Product specifications

Metronomis 1 LED brackets

Type	JRP554/JRP555/JRP556/JRP557/JRP558, ZRP554/ZRP555/ZRP556/ZRP557/ZRP558
Mounting height	4m - 6m
Mounting type	2 - 3x x M12 for mounting on pole diam 76mm mini
Color	Dark grey Other RAL AND akzo Futura colors available on request
Weight	1,8kg (Y/ZRP558), 3,9kg (Y/ZRP554 - Y/ZRP555), 8,1kg (Y/ZRP556 - Y/ZRP557)
Scx	0,03m ² (Y/ZRP558), 0,07m ² (Y/ZRP554 - Y/ZRP555), 0,13m ² (Y/ZRP556 - Y/ZRP557)
Certification	EN40

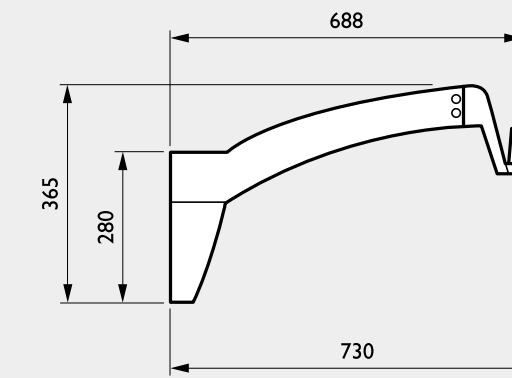
Bracket Version	Product Code Family	Mounting Type	Length
short curved bracket	JRP554/ ZRP554	pole mounting / wall mounting	690
short straight bracket	JRP555/ ZRP555	pole mounting / wall mounting	690
long curved bracket	JRP556/ ZRP556	pole mounting / wall mounting	1560
long straight bracket	JRP557/ ZRP557	pole mounting / wall mounting	1560
multipurpose bracket	JRP558/ ZRP558	pole mounting / wall mounting	350

Metronomis 1 LED poles

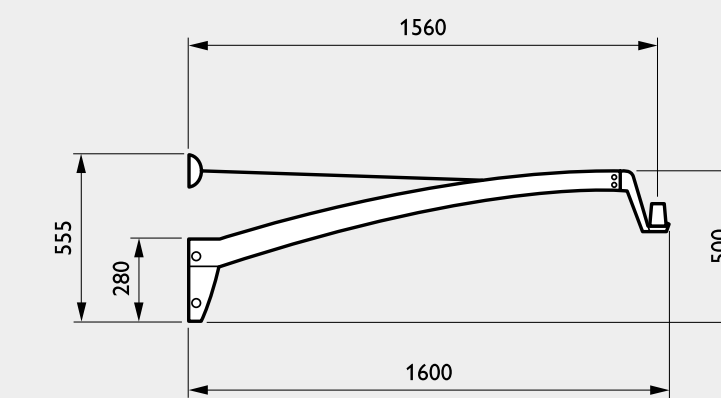
Type	YGP560/ZGP560
Installation	Flange plate
Gear support	DIN rail
Pole height	3.5 - 6m
Color	Dark Grey Other RAL AND akzo Futura colors available on request
Certification	EN40

Product Code Family	Mounting Type	Length
YGP560/ZGP560	for 1 short bracket	3500
	for 2 short brackets	
	for 1 short bracket	4500
	for 2 short brackets	
	for 1 short bracket	6000
	for 2 short brackets	
	for 1 short bracket	6000
	for 2 short brackets	
	post top 60 (no bracket)	3500
		4500
	6000	

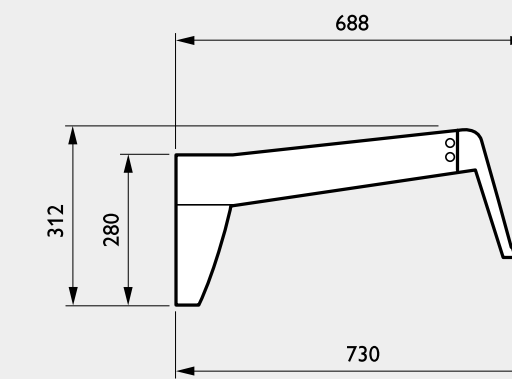
JRP554/ZRP554
Short curved bracket



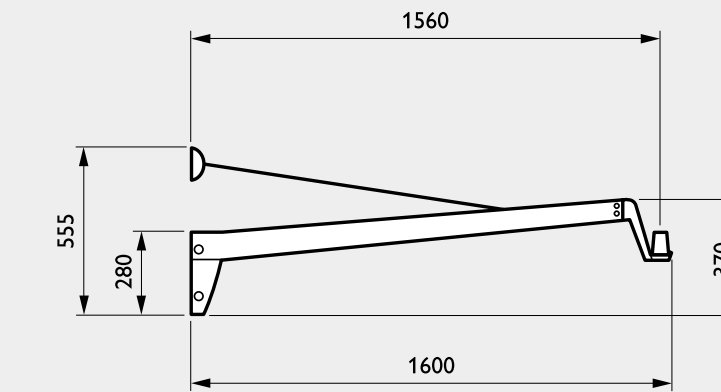
JRP556/ZRP556
Long curved bracket



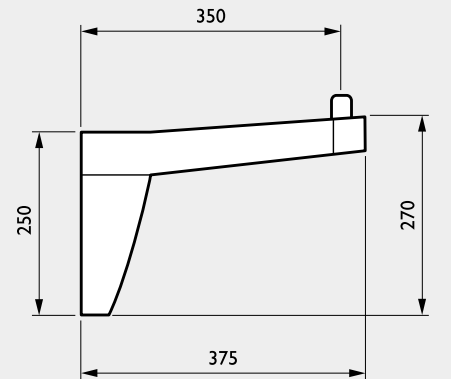
JRP555/ZRP555
Short straight bracket



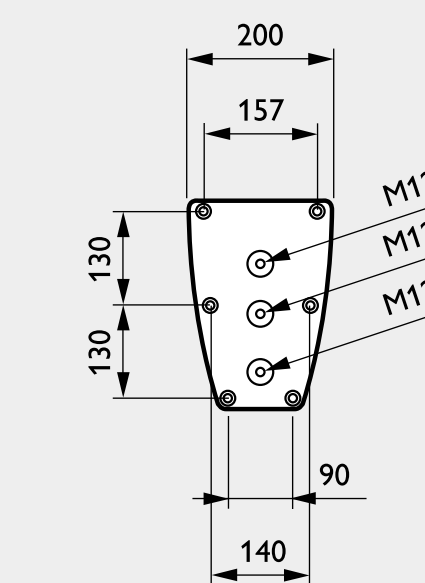
JRP557/ZRP557
Long straight bracket



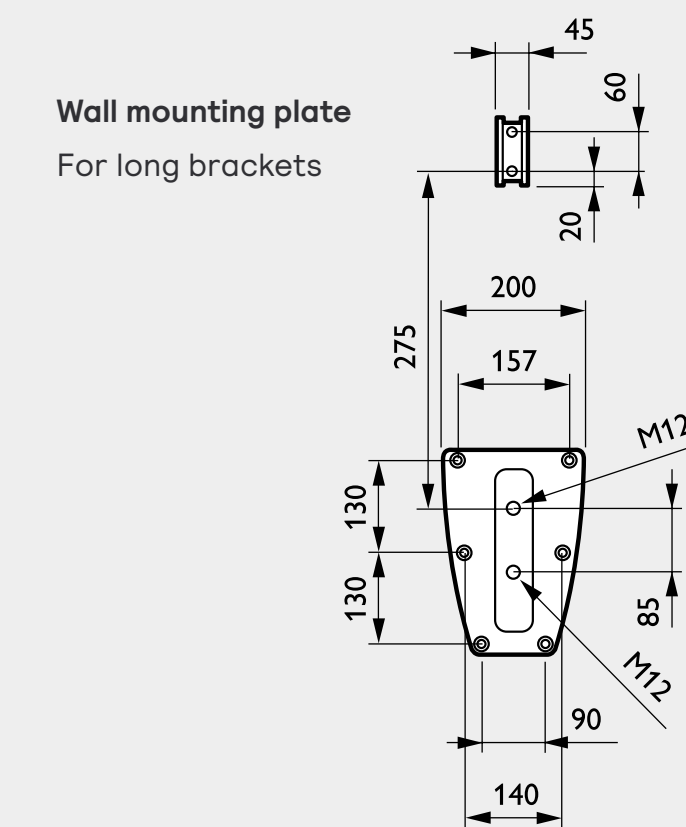
JRP558/ZRP558
Multipurpose bracket



Wall mounting plate
For short brackets



Wall mounting plate
For long brackets



You and Signify – a reliable partnership

Signify is the world leader in connected LED lighting systems, software and services. We proudly bring to market the best lighting brands in the world, including Signify, Philips and Interact.

We believe in close cooperation before, during, and after every project. Our local teams provide the support and information you need—with flexible, on-time delivery and reliable product availability.

To help you stay ahead, the [Signify Lighting Academy](#) offers a comprehensive range of educational resources to grow your expertise and earn certification.

Our global brands

Signify

Signify represents our commitment to sustainable innovation. As our leading brand for connected lighting systems, luminaires and components for the specification project business, Signify solutions serve the segments where we collaborate most closely with our customers.

Signify interact

Signify Interact is our IoT software platform for managing smart lighting systems and unlocking the value of the data they collect. Easy to install and configure, Interact supports a wide range of applications—from small offices to entire cities.

PHILIPS

Philips stands for quality and energy efficiency in lighting. It is our leading brand for innovative, off-the-shelf lighting products for professionals and consumers alike.

Get more info on our products, services and tools:



Driven by responsible innovation

Signify and the Mercedes-AMG PETRONAS F1 Team share a passion for technology and a desire to push the boundaries of what is possible.

Our innovations in lighting serve the well-being and performance of the team, deliver powerful experiences, both trackside and at home, and help the team pursue its ambition to become one of the most sustainable in sport.

Learn more at

Signify is Official Lighting Partner of Mercedes-AMG PETRONAS F1 Team



Official Lighting Partner





the meaning of light