



Signify

Mini300 LED gen3

Lighting for petrol stations



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Meet Mini300 LED gen3

- Inviting drivers to take a break
- Increasing customer loyalty by providing a comfortable and safe experience
- Substantially lower energy and maintenance cost



Key benefits



Easy control

Control light levels and status info through the app to save energy costs



Performance and comfort

178 lm/W to save energy costs



Reduced maintenance costs

100,000 hours of lifetime (L80810)



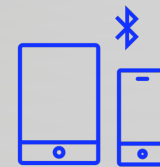
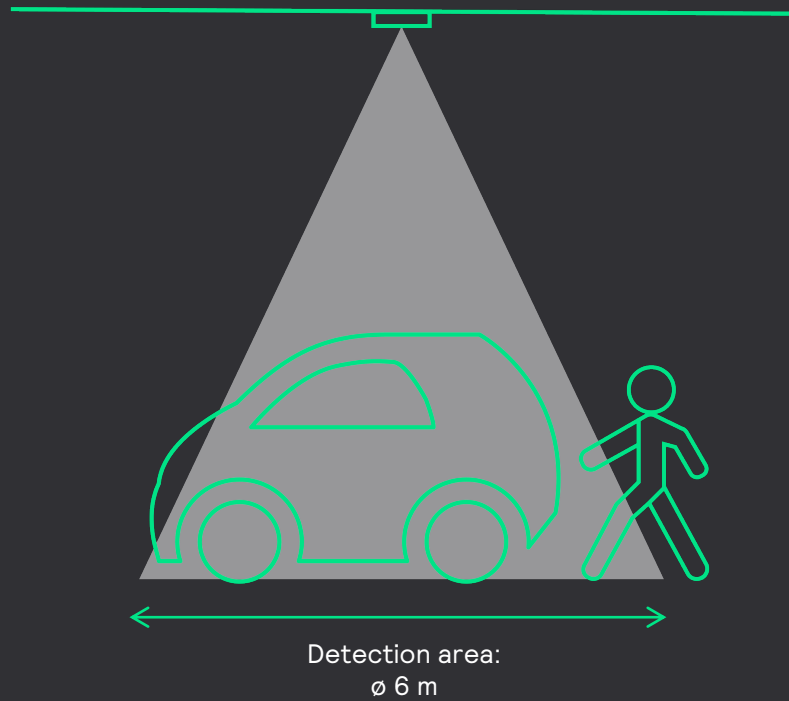
Easy installation and flexibility

1:1 retrofit with existing Mini300 installations



Easy control

App for Android smart phones and tablets:
Easy control, program light levels and status info
to save energy costs.



Bluetooth range:
up to 20 m

One app – full control

Lighting control

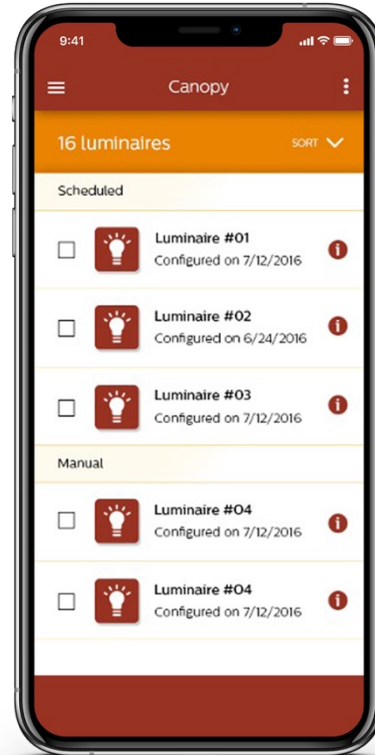
- Preset lighting schedules
- When daylight or ambient light is present the light dims to save energy
- Set min and max light levels
- Individual luminaire control of lighting levels

Scheduler

- Schedule required light levels depending on the day and time of the evening/night
- Ability to schedule/day
- 7 time-ranges per day can be scheduled

Luminaire status

- Date of luminaire installation
- Date of latest luminaire configuration
- Driver status and errors



Daylight sensor

- The light level is regulated so that the light level on the ground is constant, according to the pre-set “maintained light level” in the app
- When there is ambient light the light dims or switches off at sunrise, so additional energy savings are achieved

Movement sensor

- Set min (for not occupied) & max (for occupied) light level from 10%–100% for additional energy savings when nobody is under the canopy
- Fade in/out from 0–15 sec for smooth transitions between light levels
- Time at max light level after last detection (delay time) from 0.5 – 30 min to further optimize energy savings

Canopy function

- Easily check if all luminaires in the canopy are still functioning by looking in the app

Control options

| Feature | Mini300 LED gen3 Basic | Mini300 LED gen3 Basic+ | Mini300 LED gen3 Smart |
|----------------------------|------------------------|-------------------------|------------------------|
| Stand-alone (on/off) | ✓ Standard | ✓ Standard | ✓ Standard |
| Motion sensor | – | ✓ Standard | ✓ Standard |
| Scheduler mode | – | – | ✓ Standard |
| Fix mode | – | – | ✓ Standard |
| Bluetooth wireless-control | – | – | ✓ Standard |
| Daylight sensor | – | – | ✓ Optional |
| Leader-follower | – | – | ✓ Optional |
| DALI v2.0 protocol | ✓ Optional | – | – |

Basic

- On/off

Basic+

Motion sensor with standard settings that can not be adjusted:

- Fade in (3s)
- Delay time (120s)
- Fade out (5s)
- Occupied (100%)
- Not occupied (30%)

Smart

Motion sensor with standard settings that can be adjusted:

- Fade in (3s)
- Delay time (120s)
- Fade out (5s)
- Occupied (100%)
- Not occupied (30%)



Performance and comfort

- **Source efficacy:**
176–178 lm/W for BBP (recessed) and BCP333 (surface-mounted) versions
- **Luminaire/system efficacy:**
136–147 lm/W for BBP (recessed) and BCP333 (surface-mounted) versions, depending on the optics used
- 80%* energy savings

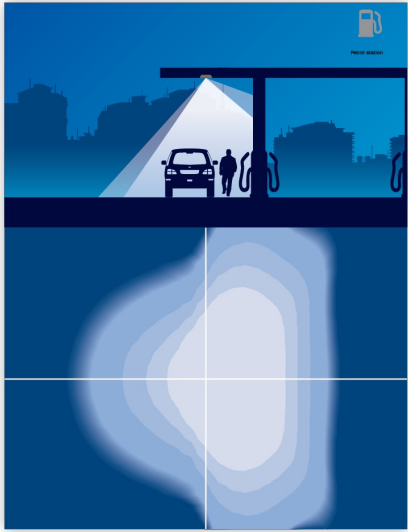
* Mini300 LED gen3 basic compared with HPI 400W (system power 480W).
In case compared with CDM-TD 250 (275W system power) then saving will be 64%.



Light distributions

PAM

Under canopy asymmetrical medium distribution

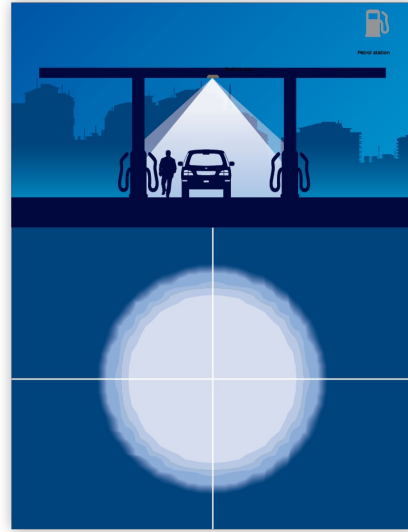


Asymmetrical medium beam

- For best visibility of pumps and payment terminals
- When pumps are only on one side

PRM

Under canopy rotational medium distribution

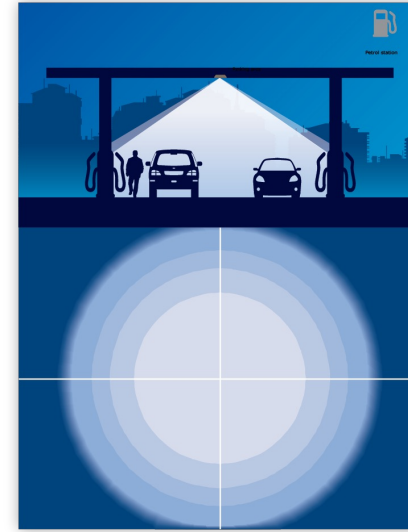


Symmetrical medium beam

- In cases when on each side pumps and payment terminals need to be lit

PRW

Under canopy rotational wide distribution



Symmetrical wide beam

- In cases when on each side pumps and payment terminals need to be lit and there is a wider profile

Choice of optics

Specifically developed optics make people feel safe and provide light that is easy on the eyes. Different options available to get the most out of different situations, even if these occur under one canopy.

Optics in use:

- **A-symmetrical medium beam (PAM):**
 - For best visibility of pumps and payment terminals
 - Most efficient solution when pumps are on only 1 side
- **Symmetrical medium beam (PRM):**
 - For lighting both the pumps and the shop



Reduced maintenance costs

- **Long lifetime**
100,000 hours for LED boards, L80B10 – no lamp replacement needed anymore
- **Flush in the ceiling and safe**
The recessed Mini300 LED gen3 is fitted flush to the ceiling. That looks nice and clean and prevents damage that can be caused by high trucks.



Easy installation and flexibility

Recessed mounted
BBP333 + ZPP333 accessory



- 1:1 retrofit with Mini300 HID conventional installations
- For existing installations: no frame needed
For new installations: mounting frame ZBP333 accessory to be ordered separately

Surface-mounted
BCP333



- 1:1 retrofit with Mini300 HID conventional installations
- Ready for installation

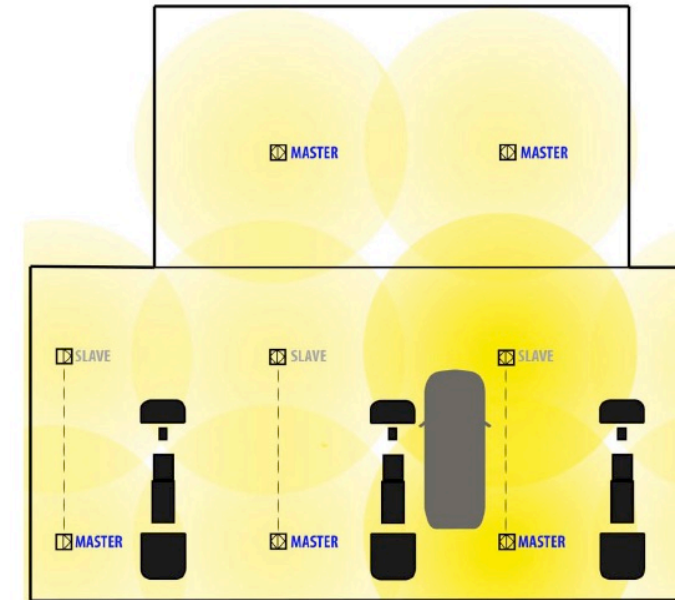
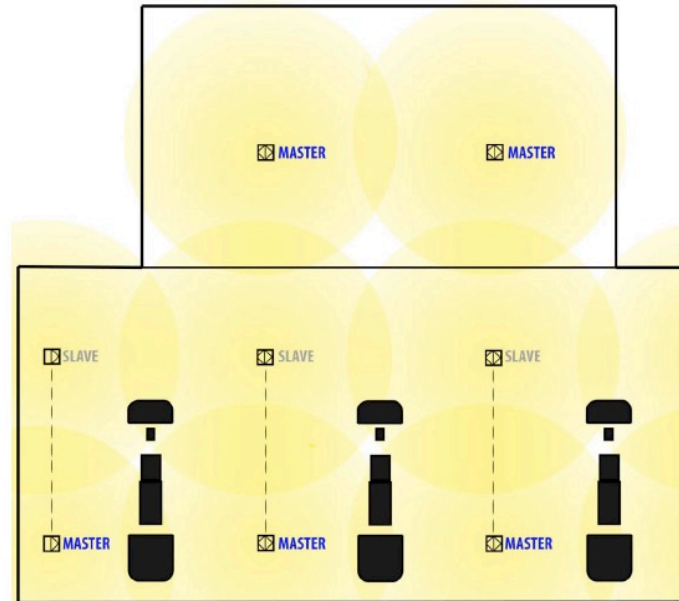
Floodlight
BBP333 + ZBP333 MB WH SET



- Specific accessory kit ZBP333 MB WH SET to be ordered separately for floodlight mounting

Easy installation and flexibility

- Leader-follower concept
- Only light when station is occupied
- Less luminaires with sensors means less investment cost



Signify Service tag

- A unique QR code-based LED luminaire asset identification system
- Providing detailed information on specification and spare parts, simply by scanning the code on the packaging or luminaire with the Signify Service tag app.
- 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.

Your benefits at a glance:



Easy installation
and commissioning



Simplified
maintenance



Asset
management



Learn more at [signify.com/global/service-tag](https://www.signify.com/global/service-tag)

Signify Service tag: 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

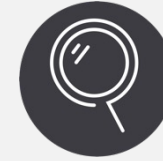
If you have multiple luminaires, it's possible to use the Service tag app to combine individual luminaires into a group. Each group will have its own unique group QR code.



#4. Luminaire information

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

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.



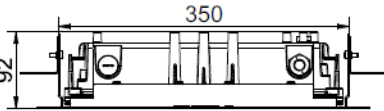
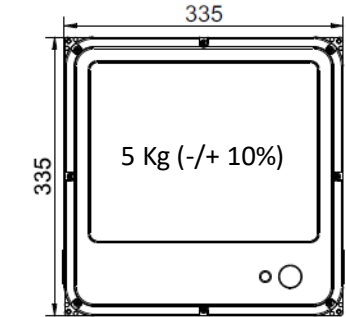
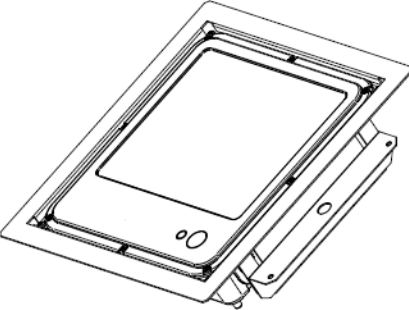
Learn more at
signify.com/global/service-tag

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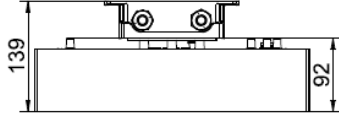
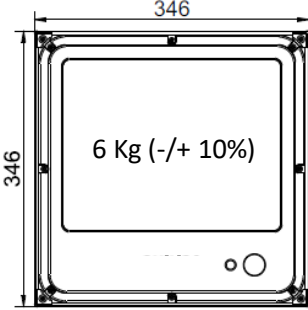
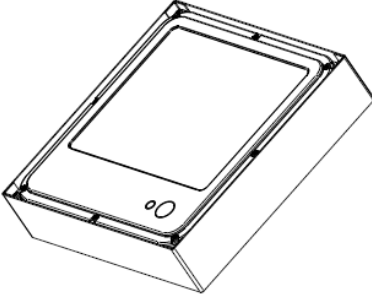
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Product specifications

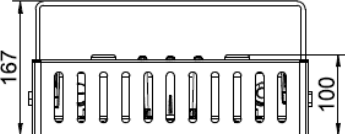
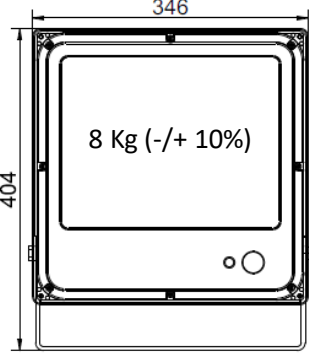
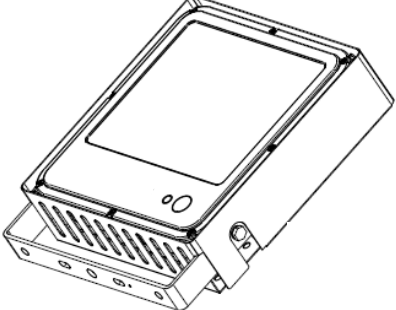
Dimensional drawings



Recessed mounted
BBP333



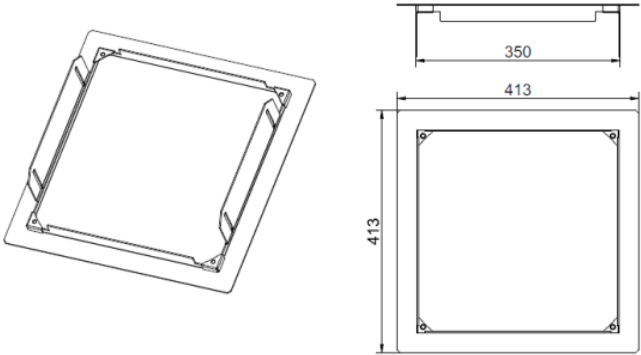
Surface-mounted
BCP333



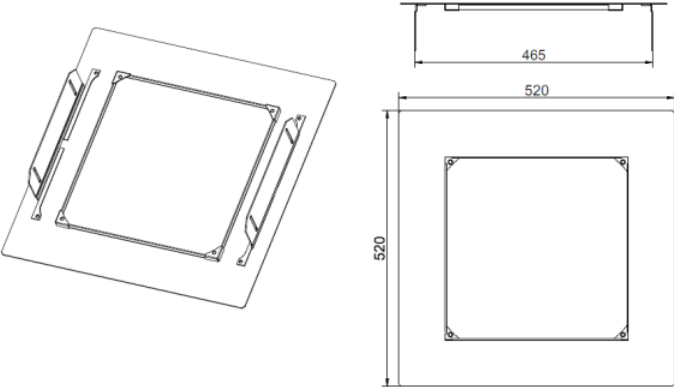
Floodlight
BBP333 + ZBP333 MB WH SET

Dimensional drawings

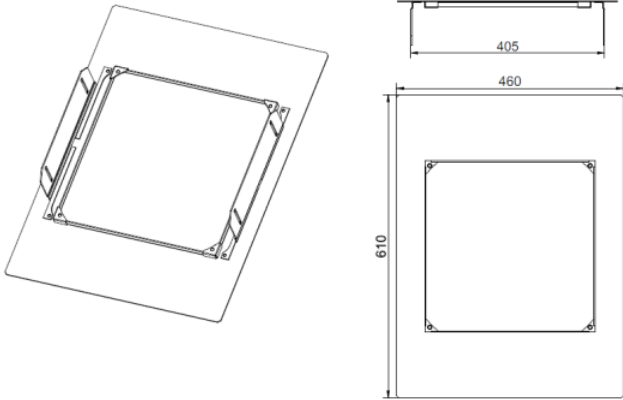
Ceiling mounting frames for recessed version



Ceiling frame for hole 360 x 360 mm
ZBP333 CFRM L360 W360 WH



Ceiling frame for hole 470 x 470 mm
ZBP333 CFRM L470 W470 WH



Ceiling frame for hole 560 x 410 mm
ZBP333 CFRM L560 W410 WH

Product specifications

| | |
|------------------------------|---|
| Product | Mini300 LED gen3 |
| Correlated Color Temperature | 400 K neutral white – 5700K cool white |
| Color Rendering Index | 70 |
| Luminous flux | Light source 8,000/13,000/16,000 lm System: 6,880 – 14,240 (tolerance +-7%) |
| Lifetime | 100,000 hours (maintenance of lumen output L80B10) |
| Optic | Distribution a-symmetrical (PAM), symmetrical distribution medium (PRM) and wide (PRW) |
| Optical cover | Polycarbonate |
| System power | 50-97W depending the version selected |
| Power factor | >0,95 for 100% light |
| Control systems | Basic: Motion sensor (not programmable) and on/off Smart: Basic + scheduling light levels + option for daylight sensor |
| Operating temperature range | -30 °C < Ta <+40 °C |
| Electrical class | Class I and class II |
| Color | White (RAL9003) |
| IP rating | IP66 |
| IK rating | IK08 |
| Weight | BBP333: 5 kg / BCP333: 6 kg |
| Coating options | Standard (500 hr salt spray test) |
| Certification | CE-ENEC-RoHS recyclability |

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.

Get more info on our products, services and tools:

[signify.com/installer](https://www.signify.com/installer)

[signify.com/specifier](https://www.signify.com/specifier)

Our global brands



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 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 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 into pole position with high-performance, energy-efficient LED



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

 **Signify**



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the meaning of light