



WORKING IN THE BEST LIGHT.

Durable, sturdy and with low energy consumption: This is what distinguishes modern hall/arena lighting and is exactly where GIFAS comes in with its lighting range. Particular environmental conditions regarding harsh temperatures, excess dirt and dust are often very demanding. We are prepared for such cases and our hall spotlights are designed and engineered with this in mind.

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DeltaLUXX LED highbay lighting General



The flexible highbay lighting of GIFAS offer an impressive design and provides a variety of functions. The efficient thermal management of these highbay lights, which ensures adequate cooling even in dust and dirt-prone environments, supports the modern and efficient LED technology used, with its lifespan of at least 80,000 hours. Thanks to optional DALI and 1-10V dimmer interfaces, the DeltaLUXX models can be integrated into intelligent lighting systems.

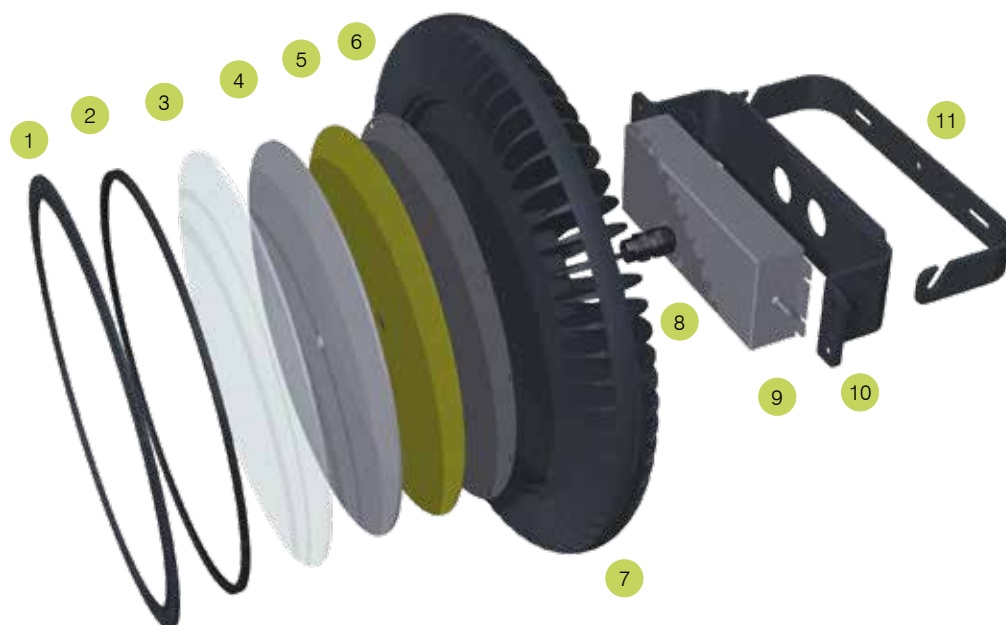
Thanks to high-performance LEDs, the DeltaLUXX boast superlative lighting efficiency, especially in hard-to-illuminate areas with high-up lighting installations. With an external diameter of 450 millimetres, 180 high-end LEDs and high-quality individual single lenses with various beam characteristics, they can be used in halls up to 35 metres in height.

With their cast aluminium housing, special PTFE non-stick coating for minimum dust and dirt build-up, a pressure equalisation membrane and the use of sturdy polycarbonate panes with increased shatter protection or single-pane safety glass, the DeltaLUXX delivers reliable performance in environmental temperatures of up to 65° Celsius.

DeltaLUXX impresses with its modern, industrial design and sleek shapes.

- ✓ **Developed and assembled in Germany**
- ✓ **For applications with high light points**
- ✓ **Sleek, modern industrial design**
- ✓ **Optional with optics for a wide range of applications**
- ✓ **Approved for the food industry (according to IFS)**

Construction



- 1 Die-cast aluminium frame
- 2 U-profile silicon seal
- 3 Front panel (PC or toughened glass)
- 4 Optic
- 5 LED board
- 6 Heat conducting film
- 7 Die-cast aluminium housing
- 8 Cable gland with pressure compensation function
- 9 Power supply
- 10 Power supply bracket
- 11 Mounting bracket

DeltaLUXX LED highbay lighting Characteristics



Development Approach

This development is based on the need to manufacture a Highbay lighting which merits the Developed and assembled in Germany mark of excellence, in terms of performance and quality. With the DeltaLUXX, GIFAS has succeeded in developing a competitive LED Highbay lighting that satisfies the highest demands and can also be used in challenging industrial sectors.



LED-Technology

The DeltaLUXX uses exclusively **high-end SMD LEDs** from reputable manufacturers, which are ideal in terms of light quality, lifespan, light colour and efficiency. For efficient light distribution high-quality optics are installed. The neutral, white 5000K light and the good colour rendering index of over $R_a 80$, match the maximum human vision in daylight and as a result the best resolution of detail.



Surface coating

Industrial lights often have problems with dirt gathering on the surface and the associated reduction in cooling capability. The **PTFE surface coating (coll. Teflon®)** on the AlphaLUXX has a very low friction coefficient. Dust and dirt literally „bead“ off the light. Even harsh acids cannot attack a PTFE coating. An improved thermal conductivity results from the four-times thinner PTFE coating, in comparison with other powder coating.



Technical design

The DeltaLUXX impresses with **enormous system efficiency and high lighting quality**. Through optional DALI and 1-10V dimming interfaces, the luminaire can be integrated into intelligent lighting systems.



Thermal management

Efficient cooling is essential for the LEDs' long service life and ultimately affects the entire lighting system. To achieve this long-term for DeltaLUXX, high-quality technical components were combined with a sophisticated design. The external open ring ensures dissipation of the heat generated, even with high levels of dirt. The design, coupled with an extra-thin coating and heat conduction foil to ensure maximum contact between surfaces, delivers an ambient **operating temperature range of up to 65° Celsius and a lifespan of at least 80,000 hours**.



Quality

The components are selected according to the highest quality standards. High-alloy, corrosion-resistant aluminium housing (230D), stainless steel installation material (V4A), LEDs and electronics from reputable manufacturers. **Individual testing of every light in accordance with DIN EN 60598-1.**

DeltaLUXX LED highbay lighting
Technical data



The highbay lighting meets numerous requirements, such as high efficiency and a wide range of operating temperature ranges as well as control options. In its second generation an efficiency of up to 173lm/W is achieved, which leads to significant energy savings. The housing with its many detailed solutions is predestined for rough industrial use.

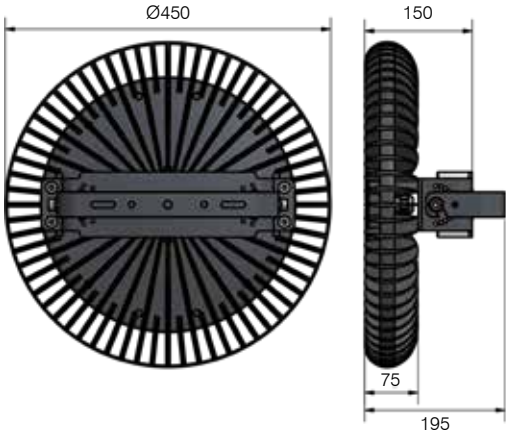
Product features

- Robust housing made of corrosion-resistant die-cast aluminium
- Dirt-resistant PTFE surface coating, approved for the food industry
- 3mm impact resistant plastic cover (PC) or 3mm toughened safety glass (ESG)
- Custom-made U-profile seal surrounding all sides
- Custom-made, durable, heat-conducting film for lasting, reliable dissipation of heat from the LED board
- Low heat generation thanks to the latest LED technology
- Pressure compensation element for extreme temperature fluctuations
- Full luminous flux is available instantly after switching on
- Low energy consumption with high light output
- Maintenance-free
- Wide operating temperature range (up to 65°C)
- No UV/IR-radiation
- Vibration-resistant
- Accessories available from stock
- Various directional characteristics available

Technische Daten

| | |
|----------------------------|---|
| Input voltage | 100-277VAC (50/60Hz) |
| Light source | SMD-LEDs |
| System performance | |
| DeltaLUXX 2 | 95W / 140W / 183W / 215W / 270W |
| DeltaLUXX 2 Optic 60° | 95W / 140W / 183W / 215W / 270W |
| DeltaLUXX 2 Dali | 225W / 264W |
| System efficiency | |
| DeltaLUXX 2 (ESG) | 173lm/W / 160lm/W / 154lm/W / 151lm/W / 144lm/W |
| DeltaLUXX 2 Optic 60° (PC) | 165lm/W / 153lm/W / 147lm/W / 144lm/W / 138lm/W |
| DeltaLUXX 2 Dali (ESG) | 136lm/W / 128lm/W |
| Light colour | 5000K |
| CRI-Index | Ra >80 |
| Beam angle | open distribution 120° Optics 60° (UGR<22) / 30° / 20° [L70/B10] > 80000h |
| Service life | IP65 |
| Protection category | I |
| Protection class | |
| Shock resistance | IK08 (Version: PC cover) |
| Housing | Die-cast aluminium |
| Housing surface | PTFE-coated (approved for the food industry) |
| Housing colour | black |
| Cover | 3mm PC, optional 3mm ESG (Vision) |
| Connection cable | 1m (Dali-Version 30cm) |
| Weight | approx. 9.5kg |
| Dimensions (ØxH) | 450x195mm |
| Certification | CE |

Dimensions

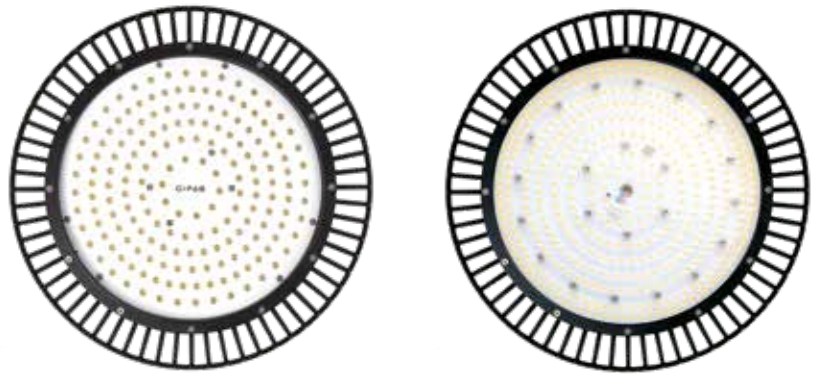


| Item no. | Description |
|----------|--|
| 289860 | 1m safety cable for high bay spotlights |
| 293261 | 2m safety cable for high bay spotlights |
| 330481 | Emergency lighting battery for 1-10V dimmable DeltaLUXX 2 with up to 3 hours emergency power operation |

DeltaLUXX LED highbay lighting Range

The DeltaLUXX series covers many typical lighting requirements for highbay lighting in industry. GIFAS supports the lighting planning, so that lighting in accordance with standards can be realised.

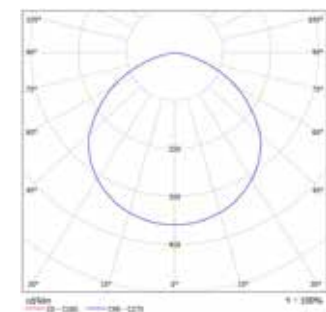
Depending on the configuration, other performance levels can be achieved.



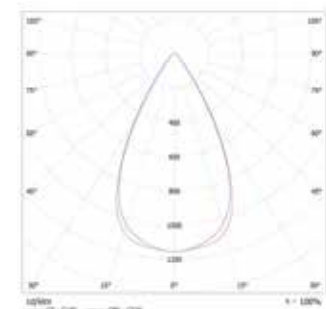
DeltaLUXX 2

| Item no. | Type | Beam angle | Cover | Lighting current* | Typ. mounting high** |
|----------|------|------------|-----------|-------------------|----------------------|
| 800343 | 90W | 120° | PC santin | 14100 | 4-9m |
| 800287 | 90W | 120° | PC clear | 15700 | 4-9m |
| 800288 | 90W | 120° | ESG clear | 16400 | 4-9m |
| 800350 | 130W | 120° | PC santin | 19300 | 6-11m |
| 800289 | 130W | 120° | PC clear | 21400 | 6-11m |
| 800290 | 130W | 120° | ESG clear | 22400 | 6-11m |
| 800378 | 170W | 120° | PC santin | 24200 | 8-14m |
| 800291 | 170W | 120° | PC clear | 26800 | 8-14m |
| 800292 | 170W | 120° | ESG clear | 28100 | 8-14m |
| 800402 | 200W | 120° | PC santin | 27900 | 10-16m |
| 800293 | 200W | 120° | PC clear | 31000 | 10-16m |
| 800294 | 200W | 120° | ESG clear | 32400 | 10-16m |
| 800295 | 250W | 120° | PC clear | 37200 | 12-23m |
| 800296 | 250W | 120° | ESG clear | 38900 | 12-23m |

Light distribution curve

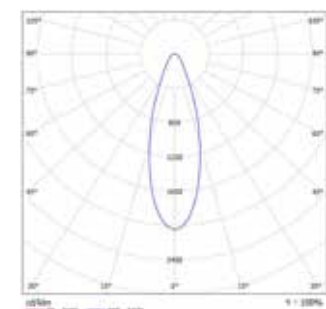


120°

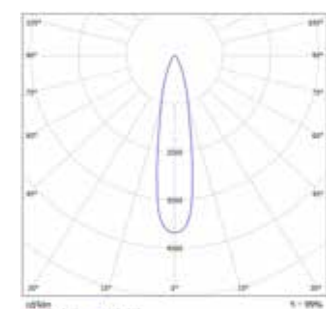

60°
UGR<22

DeltaLUXX with optics

| Item no. | Type | Beam angle | Cover | Lighting current* | Typ. mounting high** |
|----------|------|------------|-----------|-------------------|----------------------|
| 800405 | 90W | 60° | PC clear | 15700 | 4-10m |
| 800406 | 130W | 60° | PC clear | 21400 | 6-12m |
| 800115 | 150W | 30° | PC clear | 16400 | 10-16m |
| 800161 | 150W | 30° | ESG clear | 17100 | 10-16m |
| 800112 | 150W | 20° | PC clear | 18900 | 13-28m |
| 800158 | 150W | 20° | ESG clear | 19800 | 13-28m |
| 800407 | 170W | 60° | PC clear | 26800 | 8-16m |
| 800408 | 200W | 60° | PC clear | 31000 | 10-17m |
| 800116 | 200W | 30° | PC clear | 20400 | 13-28m |
| 800162 | 200W | 30° | ESG clear | 21300 | 13-28m |
| 800113 | 200W | 20° | PC clear | 23600 | 14-32m |
| 800159 | 200W | 20° | ESG clear | 24700 | 14-32m |
| 800117 | 240W | 30° | PC clear | 23400 | 15-30m |
| 800163 | 240W | 30° | ESG clear | 24500 | 15-30m |
| 800114 | 240W | 20° | PC clear | 27200 | 16-35m |
| 800160 | 240W | 20° | ESG clear | 28400 | 16-35m |
| 800409 | 250W | 60° | PC clear | 37200 | 12-25m |



30°



20°

*In thermally steady state after approx. 1 hour of operation (lm)

**Depends on the required lux data and light point distances

DeltaLUXX LED spotlight Product range overview

DeltaLUXX 2 – 2700K

| Item no. | Type | Beam angle | Cover | Lighting current* | Typ. mounting high** |
|----------|------|------------|-------|-------------------|----------------------|
| 313357 | 200W | 120° | PC | 27620 | 10-16m |
| 800443 | 200W | 60° | PC | 29515 | 10-17m |
| 800448 | 250W | 120° | PC | 33020 | 12-23m |
| 313358 | 250W | 60° | PC | 35400 | 12-25m |

DeltaLUXX 2 HT – operating range of temperature to 70°C

| Item no. | Type | Beam angle | Cover | Lighting current* | Typ. mounting high** |
|----------|------|------------|-------|-------------------|----------------------|
| 800389 | 130W | 120° | PC | 21400 | 6-11m |
| 800390 | 170W | 120° | PC | 26800 | 8-14m |

DeltaLUXX 2 – 1-10V dimmbar

| Item no. | Type | Beam angle | Cover | Lighting current* | Typ. mounting high** |
|----------|------|------------|-------|-------------------|----------------------|
| 800400 | 150W | 120° | ESG | 23700 | |
| 800394 | 150W | 120° | PC | 22650 | |
| 800456 | 200W | 60° | PC | 29400 | |
| 800395 | 200W | 120° | PC | 31000 | |
| 800401 | 200W | 120° | ESG | 30600 | |
| 800440 | 240W | 60° | PC | 33818 | |
| 800351 | 240W | 120° | PC | 33818 | |
| 800416 | 240W | 120° | ESG | 35170 | |

DeltaLUXX DALI

To realise further electricity savings, modern lighting systems are designed to be dimmable and have light or motion sensors if required. Digital DALI is used as the control protocol.

DeltaLUXX 2 DALI

| Item no. | Type | Beam angle | Cover | Lighting current* | Typ. mounting high** |
|----------|------|------------|-------|-------------------|----------------------|
| 800423 | 200W | 60° | PC | 31000 | 4-20m |
| 800300 | 200W | 120° | ESG | 30600 | 4-16m |
| 800299 | 200W | 120° | PC | 31000 | 4-16m |
| 800424 | 240W | 60° | PC | 33818 | 4-20m |
| 800302 | 240W | 120° | ESG | 35345 | 4-16m |
| 800301 | 240W | 120° | PC | 33818 | 4-16m |

DeltaLUXX DALI with optic

| Item no. | Type | Beam angle | Cover | Lighting current* | Typ. mounting high** |
|----------|------|------------|-------|-------------------|----------------------|
| 800141 | 240W | 30° | PC | 23400 | 10-30m |
| 800138 | 240W | 20° | PC | 27200 | 10-35m |

*In thermally steady state after approx. 1 hour of operation (lm)

**Depends on the required lux data and light point distances

! **Colour temperature**
DeltaLUXX 2 also available in other light colours 4000K / 3000K / 1700K



Safety cable for high bay spotlights
art. no. 289860 / art. no. 293261



Emergency lighting battery for high bay spotlights
Art. no. 330481

! **Optional as version with**
- dimmability (Dali 1-10V)
- frosted disc
- sacrificial disc
art. no. 316611 / art. no. 316612

Light management by DALI

GIFAS offers various luminaire models with an optional 1-10V or DALI interface and thus enables integration into intelligent light management systems.

Particular attention is paid to the installation of modern systems on the Digital Addressable Lighting Interface (DALI) which combines many advantages with few components, little wiring effort and simple programming. Due to the expanded options and increased functional reliability, digital dimming is increasingly replacing analog 1-10V dimming.

Due to their individual addressability and status feedback, the light control systems based on DALI not only offers comprehensive monitoring functions, but also opens up new approaches to sophisticated lighting solutions thanks to the programmable parameters. Via gateways, DALI systems can also be operated as a subsystem in modern building automation systems.

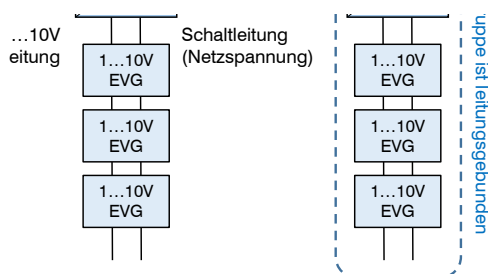
DALI is an independent system. It controls the light with all the DALI components involved and can address and configure each device individually, e.g. assign each luminaire to 16 groups, define individually with 16 light values for lighting staging, or dim all luminaires synchronously. Thanks to the simple combination with daylight or motion sensors, additional energy savings of up to 80% can be achieved depending on the application.

The planning and commissioning of DALI systems requires the following parameters to be taken into account:

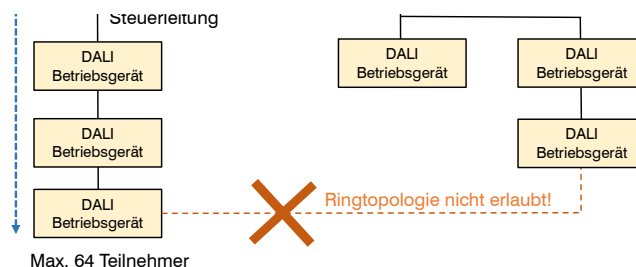
- DALI uses serial asynchronous data protocol transfer rate of 1200bit / s at a voltage level of 16V
- Lines can be in almost any topology, star, line or tree structures. A ring-shaped connection components must be avoided
- There are a maximum of 64 actuators and / or a maximum of 16 groups per DALI-Bus allowed
- The maximum current consumption of a DALI circuit is 250 mA.
- The current consumption per DALI load is a maximum of 2 mA
- The maximum voltage drop between transmitter and actuator 2 V do not exceed
- The maximum cable length when using 1.5 mm² conductors is 300m

| | DALI | 1-10V |
|-----------------------------|--|---|
| Control signal | Digital | Analog |
| Control input | Potential free tax entrance | Potential free tax entrance |
| Connection | Reverse polarity protection two-wire line | Two-wire line with polarity (+/-) |
| Dimming curve | Logarithmic dimming curve, according to eye sensitivity | Linear dimming curve |
| Grouping and addressing | Dynamic addressing and group formation - Max. 64 single addresses - Max. 16 groups - in combination = no groups-wiring necessary | Not addressable, wiring according to groups (high effort) |
| Scene memory | Scene memory, max. 16 | Not possible |
| Bidirectionality | Bi-directional communication with DALI Master Status message of the DALI control gear - lamp failure - operating time - dimming | Not possible |
| Storage of dimming settings | Individual dimming, saving of the last dimming value | Not possible |
| Mains voltage isolation | Via control line | On / off via external relay contact |

Analog interface 1...10V



Digital interface DALI



Intelligent highbay lighting DeltaLUXX SMART ZigBee

Modern lighting in combination with targeted control and automation is becoming increasingly important. Whether simple switching, presence detection or daylight-dependent control - control makes lighting more flexible and convenient and contributes enormously to energy savings.

Whether LED hall lighting reacts to light incidence from outside and independently provides the desired illuminance, whether warehouses are only lit where work is performed, night lighting is to be switched or other controls are desired - an easy-to-operate, broad-based and future-oriented control system is required for this purpose.

A radio-based solution based on the open ZigBee standard saves wiring costs and can be used in both new and existing installations. The interfaces on luminaires and sensors serve both as transmitters and receivers, which makes an infinite expansion of the measurement network possible with high functional safety.

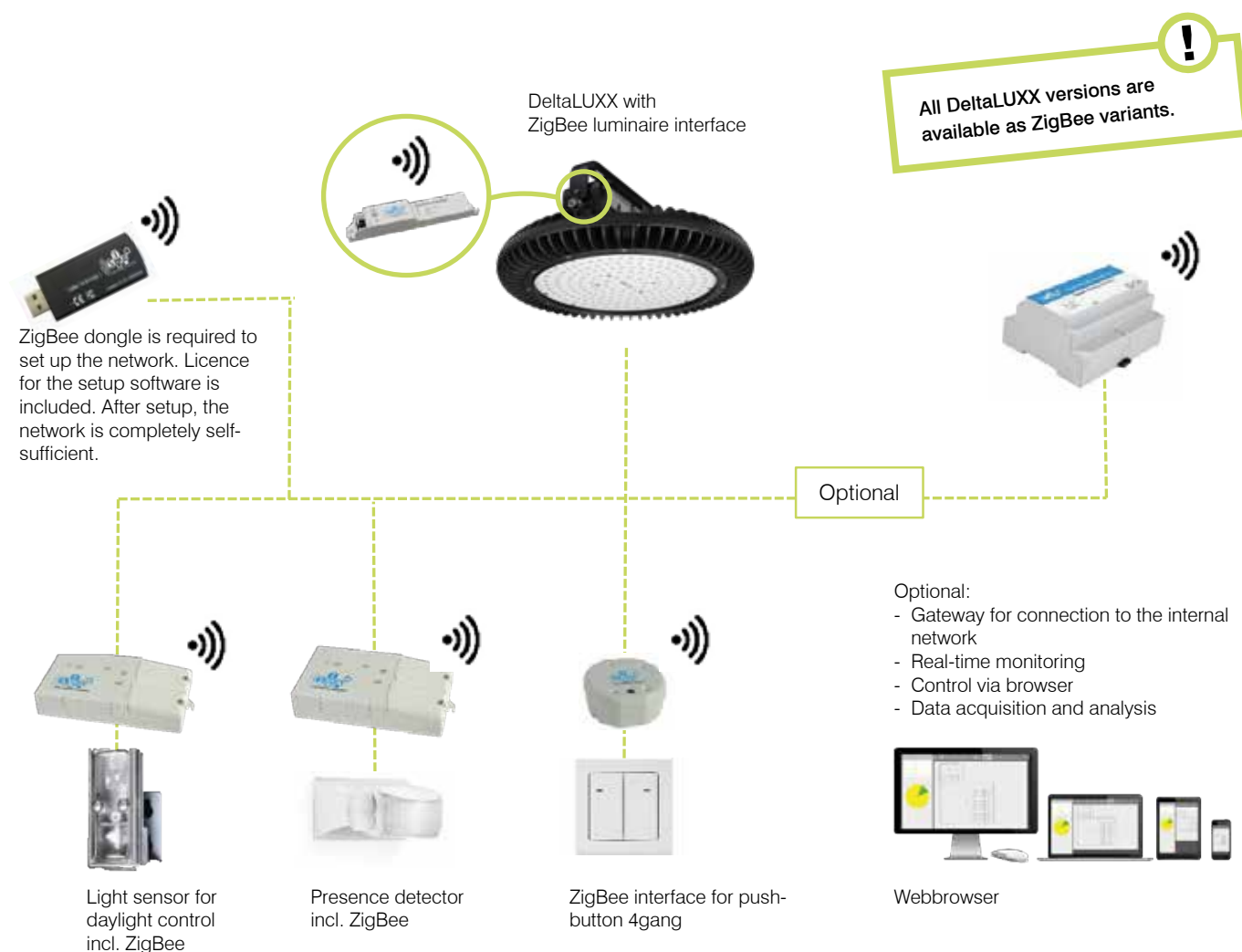
Thanks to the communication of all components with each other, a wide variety of usage scenarios and needs-based lighting situations are possible. Once configured, the system runs completely autonomously - the computer with the configuration software is only needed for changes to the system. If control is to take place

comfortably in real time via a web browser, the gateway is needed as an interface to the building network. In this case, it is possible to record power consumption and status monitoring, among other things.

The ZigBee control system allows a wide range of application scenarios. GİFAS supports you in the right implementation! Starting with project planning of lighting scenarios and definition of the optimal sensor positions up to commissioning. Talk to us!

What is ZigBee?

- Standard for wireless networks with low data volume. There are many possible applications for ZigBee, for example building automation, in the medical sector, for control systems and control systems and for all kinds of sensor measurements.
- ZigBee operates license-free in the 2.4 GHz band, interference-free alongside existing WLAN and Bluetooth networks.
- The range between ZigBee devices is up to 100 m, due to the network, ranges of up to several kilometres are possible.
- High network security through encryption with AES-128



Intelligent highbay lighting DeltaLUXX SMART CASAMBI

LED luminaires can be easily and flexibly controlled and dimmed via smartphone or tablet thanks to CASAMBI technology. To do this, CASAMBI uses the latest technological developments based on Bluetooth 4.0. To use this intelligent technology, all you need is the free CASAMBI app (available for iOS and Android) and an easy-to-integrate control unit for LED luminaires.

Extraordinary here: with CASAMBI, luminaires connected via three-wire cabling can now also be dimmed. And not only via smartphone, but also by means of a wall-mounted radio switch. A timer function makes it possible to call up lighting scenarios precisely to the minute on the basis of days of the week or times of day, or to have them switched on and off in sequence (switching on and off, dimming). The integrated timer function can be triggered by various events such as freely programmable dates or the sunrise and sunset in your time zone.

Smart switch functions enable CASAMBI installations to integrate presence detectors that have a switchable mains output. In this case, a presence detector is connected in front of a CASAMBI unit, which in turn is part of a network and acts as a 'master' module. Individual scenes can be called up via the 'Control scenes' mode, which are switched off again when inactive. 'Active/Standby' enables switching between two scenarios, for example, in the case of corridor lighting, switching between orientation light and full lighting. These options illustrate the range of applications towards efficient, intelligent and intuitively operable lighting concepts.

CASAMBI control allows a wide range of application scenarios. GIFAS supports you with the right implementation. From project planning of lighting scenarios and definition of sensor positions to commissioning. We will be happy to advise you!



What is CASAMBI?

- uncomplicated installation
- easy synchronisation with several smartphones and tablets
- can be retrofitted to almost all GIFAS luminaires
- Switching on and off as well as stepless dimming via mobile devices or wall-mounted radio switch (switching, dimming, calling up scenarios)
- Freely definable switching groups
- High range

Mesh-Network

CASAMBI technology offers the possibility to build a wireless mesh network where all the intelligence of the system is replicated in each node, thus creating a chain without single points of failure.

Such a self-organising mesh network can control a large number of devices from any point. It also allows firmware updates over the network so that changes can be made over-the-air. In this type of fully distributed and symmetrical architecture, each device can go offline and be updated by others when they come back online.

The CASAMBI modules are pre-configured at the factory and can be used directly (plug & play). An internet connection is not required for normal operation. This is only required to make updates or to send or retrieve configurations of the user interface from the cloud service.

All DeltaLUXX versions are available as CASAMBI variants.

DeltaLUXX BLUE / RED / GREEN

DeltaLUXX Safety spotlight



The DeltaLUXX BLUE LED spotlight was specially developed for the increased safety requirements when working with crane systems.

The blue warning signal has already proven its worth when working with forklift trucks. With the DeltaLUXX BLUE, a blue spotlight radiating ahead warns the employee of the crane system in use.

Thanks to the 5° optics, a large spot with a diameter of 1 metre is projected onto the ground from a mounting height of up to 20 metres and a range of approx. 30 metres. The DeltaLUXX is designed for robust applications and can even withstand temperature fluctuations from -20°C to +50°C.

The DeltaLUXX BLUE can also be equipped with a 30° optic and is used, among other things, for façade lighting on tall buildings or industrial facilities.

The DeltaLUXX RED / GREEN LED spotlight is used for safety when working in transport zones.

With the DeltaLUXX RED, a red spotlight shining ahead warns employees of access restrictions, for example. The DeltaLUXX RED projects a red spot on the floor and acts as a signalling light to increase safety on site. The spotlight is designed for robust applications and can even withstand temperature fluctuations from -20°C to +50°C.

Product features

- Robust housing made of corrosion-resistant die-cast aluminium dirt-repellent PTFE surface coating
- Suitable for the food industry
- 3 mm impact-resistant plastic disc (PC)
- All-round U-profile seal
- Durable heat conducting foil for permanent reliable heat dissipation of the LED board
- Low heat generation thanks to state-of-the-art LED technology
- Full luminous flux is available immediately after switching on
- Low energy consumption with high luminous efficacy
- Maintenance-free
- No UV/IR radiation
- Shock and vibration resistant

Technical data

| | |
|-----------------------|-----------------------|
| Input voltage | 100-277VAC (50/60Hz) |
| System power | 130W / 80W / 84W |
| Light source | SMD LEDs |
| Wavelength | 460nm / 625nm / 525nm |
| Luminous flux | |
| 130W | 1600lm |
| 80W | 3800lm |
| 84W | 5625lm |
| Beam angle | 5° |
| Protection category | IP65 |
| Protection class | I |
| Operating temperature | -20°C to +50°C |
| Storage temperature | -25°C to +70°C |
| Housing material | Die-cast aluminium |
| Housing surface | PTFE-coated |
| Housing colour | black |
| Cover | 3mm polycarbonate |
| Connection cable | 1m / 30cm / 30cm |
| Weight | approx. 11.5kg |
| Dimensions (ØxH) | 450x208.5mm |
| Warranty | 2 years |

Crane lighting

| Item no. | Description |
|----------|--|
| 289861 | DeltaLUXX BLUE/W130V230/5°/- |
| 291506 | DeltaLUXX BLUE/W130V230/5°/DIMM/ incl. dimmbox |
| 293370 | DeltaLUXX RED/W80V230/5°/- |
| 308901 | DeltaLUXX-GREEN/W84V230/5°/- |

FlutLED ROUND 2 highbay lighting



The FlutLED Round 2 highbay downlight impresses with its design, efficiency and functionality. Depending on the model and requirements, the output and light colour can be flexibly adjusted using a slider, allowing maximum flexibility with an output of up to 200W. This luminaire fulfils both current and future requirements without the need to replace the lighting system. Thanks to the IP66 protection class, it is reliably protected against the ingress of dirt and water.

Product features

- Full luminous flux, immediately available
- Low energy consumption with high luminous efficacy
- Low temperature development
- High energy efficiency
- maintenance-free
- No UV/IR radiation
- shock and vibration resistant
- with Zhaga interface
- eyelet for mounting included in scope of delivery
- Mounting bracket (item no. 800890) for wall or ceiling mounting
wall or ceiling mounting optionally available

Technical data

Design Power and light colour (CCT) adjustable

| | |
|-----------------------|---|
| Input voltage | 100-240VAC |
| System output | 120W / 160W / 200W (3-stage adjustable) |
| Light colour | 3,000K / 4,000K / 5,000K (3-step adjustable) |
| Luminous flux | 19,440lm - 33,000lm |
| System efficiency | approx. 165lm/W |
| LED service life | [L80/B10] >100,000h |
| Beam angle | 120° |
| Protection category | IP66 |
| Impact resistance | IK08 |
| Operating temperature | -25°C to +45°C |
| Cover | ESG clear 5mm |
| Weight | approx. 6.5 kg |
| Dimensions (ØxH) | 400x140mm (without eyelet) |

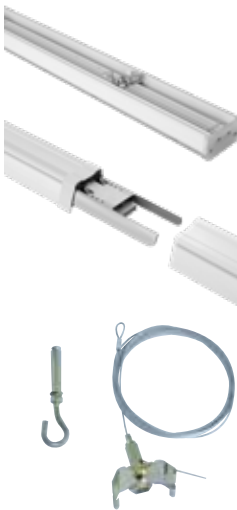
Version Power adjustable

| | |
|-----------------------|---|
| Input voltage | 100-240VAC |
| System power | 100W / 120W / 140W / 160W / 180W / 200W (6-stage adjustable) |
| Light colour | 4,000K / 5,000K |
| Luminous flux | 18,500lm - 37,000lm |
| System efficiency | approx. 185lm/W |
| LED service life | [L80/B10] >100,000h |
| Beam angle | 120° |
| Protection category | IP66 |
| Impact resistance | IK08 |
| Operating temperature | -25°C to +45°C |
| Cover | ESG clear 5mm |
| Weight | approx. 6.5 kg |
| Dimensions (ØxH) | 400x140mm (without eyelet) |

| Item no. | Description |
|----------|-------------------------------------|
| 800887 | FlutLED ROUND 2, 230V, CCT, 120° |
| 800889 | FlutLED ROUND 2, 230V, 120°, 4,000K |
| 800888 | FlutLED ROUND 2, 230V, 120°, 5,000K |

| Accessories | |
|-------------|------------------|
| 800890 | Mounting bracket |

Modular
LED rail system



The LED rail system is characterized by high flexibility, easy installation, enormous light output and a high degree of protection. Thanks to the many possible combinations, optimal illumination is ensured for every application. The cabling integrated in the carrier rail minimizes the installation effort and, in addition to a simple power supply for the LED modules, also enables integration into a DALI system.

Product features

- Lengths of up to 50m are possible with one feed
- Easy installation, versatile expansion
- Optimal for industrial use due to the high degree of protection
- Other optics possible, on request

Technical data

| | |
|--------------------------------------|-----------------|
| System power | 39W / 63W / 77W |
| Dimmable | yes (DALI) |
| Input voltage | 230VAC |
| System efficiency | > 140lm/W |
| CRI | Ra >80 |
| Beam angle | 90° |
| Service life | >50000h [L80] |
| LED Switching resistance | >1Mio. |
| Light colour | 5000K |
| Operating temperature | -40°C to +50°C |
| Housing material | Aluminium |
| Protection category / class lamp | IP54 / I |
| Shock resistance | IK08 |
| Weight | approx. 3.7kg |
| Dimensions lenght | 1416mm |
| Conductor cross-section support rail | 2.5mm² |

| Item no. | Description |
|----------|---|
| 300510 | LED Modular rail system 7 pole 39W 5600lm, without DALI |
| 300511 | LED Modular rail system 7 pole 63W 9000lm, without DALI |
| 300512 | LED Modular rail system 7 pole 77W 11000lm, without DALI |
| 300513 | LED Modular rail system 7 pole 39W 5600lm, with DALI |
| 300514 | LED Modular rail system 7 pole 63W 9000lm, with DALI |
| 300515 | LED Modular rail system 7 pole 77W 11000lm, with DALI |
| 300516 | Carrier bar, start, 7 poles, white |
| 300517 | Carrier bar, middle, 7 poles, white |
| 300518 | Carrier bar, end, 7 poles, white |
| 300519 | Blank cover for carrier rail 7-pin, white |

| Accessories / spare parts | |
|---------------------------|----------------------------------|
| 300520 | 3 m rope for ceiling suspension |
| 300521 | Chain 3 m for ceiling suspension |
| 300522 | Clip for ceiling mounting |
| 300523 | 7-pin feed coupling |

Universal LED strip light



Whether for production facilities, warehouses or sales areas - with the universal LED continuous-row lighting module, you can refurbish existing standard single and double-lamp T5 and T8 trunking in a future-proof way and match it precisely to your lighting requirements. Depending on requirements, the colour temperature (3,000K-5,000K) and output can be easily selected using a slider, allowing maximum flexibility in terms of output and light colour. The constant light output (CLO) ensures a consistently high light level over the entire service life.

Quick and tool-free installation and removal is achieved using the click-slide system, saving you valuable time. The simple click-locking system is compatible with almost all continuous-row luminaire manufacturers and enables one person to convert the luminaire.

Product features

- Simple installation and removal thanks to the click-slide system
- Selection of light colour via slider on the luminaire
- Soft start and automatic luminous flux adjustment (CLO)
- Tool-free phase change via slide control
- 7-stage power regulation from 25 - 75W via DIP switch
- Fully integrated, independent through-wiring
- Integrated fall protection
- Maximum compatibility with many common trunking systems
- Compatible with the following manufacturer series:
AEG (MAXOS), Fluolite (TRX/TRZ), LITE Licht (Q-Rail/TS)
Philips (MAXOS, TTX200/TTX400), Regiolux (SDT/SPT/SMT),
RIDi (VLT/VLG/SLG), Siteco (DUS/Modario), VEKO (PNR),
Trilux (E-Line), Zumtobel (Zx1/Zx2)

Optional:
- dimmable via DALI 2

Technical data

| | |
|--------------------------------|---------------------------------------|
| LED power (7-stage adjustable) | 25W-75W |
| Input voltage | 230VAC |
| CRI | Ra >80 |
| Beam angle | 120° |
| Light colour adjustable | 3000K-5000K |
| Luminous flux | |
| 75W | 11495-12298lm |
| 65W | 10050-10847lm |
| 60W | 9458-10095lm |
| 55W | 8865-9343lm |
| 45W | 7224-7679lm |
| 35W | 5661-6037lm |
| 25W | 4100-4340lm |
| Service life | 80000h L80 B10 (Ta 25°C) 60000h |
| Operating temperature | -20°C to +50°C |
| Housing material | Aluminium |
| Housing colour | white |
| Protection category | IP20 |
| Protection class | I |
| Weight | approx. 1.6kg |
| Dimensions (LxWxH) | 1527x65x50mm |

| Item no. | Description |
|----------|--|
| 342484 | LED universal strip light module, switchable 25-75W via DIP switch |
| Item no. | Accessories |
| 342485 | Blank cover for LED universal strip light module, White (RAL9003), aluminium incl. click-slide system, 1,527x65x20mm |
| 342486 | Power supply, plug with quick-action terminals, Wiring 5x2.5mm² |
| 342487 | Connection cable, with plug on both sides, Wiring 5x2.5mm², length 1.5m |
| 342488 | Connection cable, with plug on both sides, Wiring 5x2.5mm², length 3m |

DeltaLUXX / DeltaLUXX BLUE / RED / LED rail system



GIFAS live experience!

How it works

Download the GIFAS Augmented Reality App free for your smartphone or tablet. Then scan the picture that you can see below - the so-called marker - with the GIFAS app. You are now able to look at the product that you have selected from various angles and all sides. Enjoy your 3D tour!

Instructions

The GIFAS app has been developed for use on modern tablets and smartphones using both Apple iOS and Android operating systems. Older devices and software may experience some limitations in their functionality. Due to the larger display size, the app's features are generally at their best on a tablet.

Tip

If you need to place your tablet or smartphone very close to the marker for it to be detected, this may be because there isn't enough light. How it's done: First, point the camera at the marker at close range. Once the app has captured the marker and constructed the 3D model, you can slowly move the device away from the marker - up to a distance of 3 metres. Keep the phone or tablet as still as possible.



Download
the GIFAS
app here

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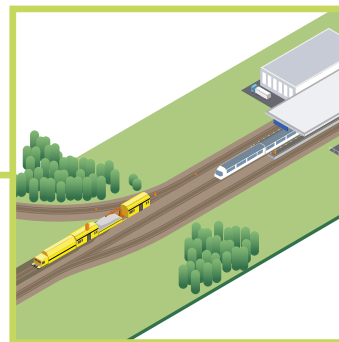
Highbay lighting



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