



**EXPERTS** IN LIGHTING SOLUTIONS  
FOR ANIMAL HOUSES AND INDUSTRY

# DURABLE AND EFFECTIVE LIGHTING SOLUTIONS FOR AGRICULTURE AND INDUSTRY

## RN Solutions

- Durable and effective lighting solutions for agriculture and industry

### History

RN Solutions was established in 2013/2014 by former pig producer Rune Q. Nielsen.

Inspired by other European pig productions, along with insights from his own production and the Danish pig production industry, he developed a LED lighting concept that gave both significant energy savings and increased productivity among sows - which at the same time was price-efficient and easy for pig producers to install.

The product was rapidly expanded in Denmark through advisors and veterinarians, and RN Solutions quickly experienced a demand for products to other types of animal houses, as well as other industries such as car repair shops and construction sites. This way the product assortment now counts a wide range of durable and effective LED lighting solutions for both agriculture and industry, and the products are sold in more than 20 countries worldwide.

### Quality assurance through own production

In 2017, RN Solutions started its own production in China. This ensures product quality control from the idea to the finished product and provides customers with a guarantee of always having access to, for example, connectors, cables, etc. that are suitable for previous product models.

The design and development of new products continues to be done in the RN Solutions department in Denmark.

### Sustainable lighting solutions for both environment and economy

Our price-efficient LED Lighting solutions are characterized by long durability and an energy reduction of 50-80 %. - These are two important factors in relation to environment and economy. Long durability means long-lasting lighting and with the energy efficiency of the LED lighting you will also experience economic benefits.



### WITH OUR OWN PRODUCTION WE ENSURES:

- ✓ **High quality** of all delivered products
- ✓ **Certification** according to international standards
- ✓ **Flexible production** and the possibility to develop special solutions
- ✓ **Control of product and production** from the idea to delivery
- ✓ **Opportunity for continuous** product development and improvement
- ✓ **Long product life through** access to replacement components for all product models from different years

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## RNS PLUG´N PLAY™ FEATURES:

- ✓ Ready to use Plug´N Play Cables  
- 40 / 150 / 300 / 450 / 600cm
- ✓ 3G 1,5mm<sup>2</sup>  
- For Fixed Installation or as system fixtures
- ✓ With or without rodent protection
- ✓ The plugs are cast together
- ✓ Can withstand moisture, dust, salt and ammonia

### Accessories:

- ✓ With cablerail to mounting in ceiling
- ✓ Ideal to wire mounting



## RNS PLUG´N PLAY™ SYSTEM



### Easy installation with our price-efficient RNS Plug´N Play™, which easily can be mounted and installed by everyone

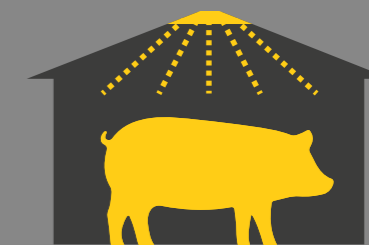
Our RNS Plug´N Play™ System is CE approved and the plugs can be mounted and installed by everyone. - It is a system fixture with related cables, which means that everyone can mount and install themselves. Either in a power outlet with related cable, or e.g. in a junction box (Most be done by an electrician). The RNS Plug´N Play™ plugs are all cast together, so they withstands moisture and ammonia. Furthermore, the plugs are all water resistant and with a O-ring.

**Look for our Plug´N Play™ logo  in the upper right corner on the product pages, to see our system luminaires.**

All our cables are available with or without rodent protection and in different lengths. They can be wire-mounted or mounted in the ceiling with our related cable rail. The cable is 3G 1,5mm<sup>2</sup> and approved for "Fixed Installation". - Our luminaires for "Fixed Installation" must be mounted by an electrician.







**PIGS**

## **INCREASE THE PRODUCTIVITY OF YOUR PIG PRODUCTION WITH LED**

*In Tylstrup in Denmark, Henrik og Michael Basso have achieved a saving of Euro 2,500 / Year in one barn with an investment of 2,900 Euro. Unpacking and mounting of the lighting in the section took a total of 2.5 hours*





# PIGS

Achieve better welfare for animals and people, with farm lighting that meets the recommendations of veterinarians and leading international advisers. As well as from our many customers, who contributes with inputs and experiences from pig producers worldwide

With extra light in your pig farm the sows will act as if it was spring all year. This way the seasonal fluctuations can be reduced.

## WITH RN SOLUTIONS SPECIALLY DEVELOPED LIGHT CONCEPTS FOR PIGS FARMS YOU GET:

- ✓ **Optimal lighting** with luminaires mounted directly over the sows heads = 200 – 400 lux, as well as the correct location of the light source
- ✓ **Easy installation**, with our price-effective RNS Plug´N Play™ solution, which can easily be installed by the farmer or the electrician.
  - Or our luminaires for fixed installation, with PUSH-IN terminals.
- ✓ **Significant savings on electricity bills**
  - About 50 – 80 % per year, all depending on the current light solution
- ✓ **Long-term solution:**
  - Most of our products has 5 years warranty
  - 50.000 hours lifetime
  - All equipment is waterproof and has special-coating against ammonia



### PRODUCTS WE RECOMMEND:

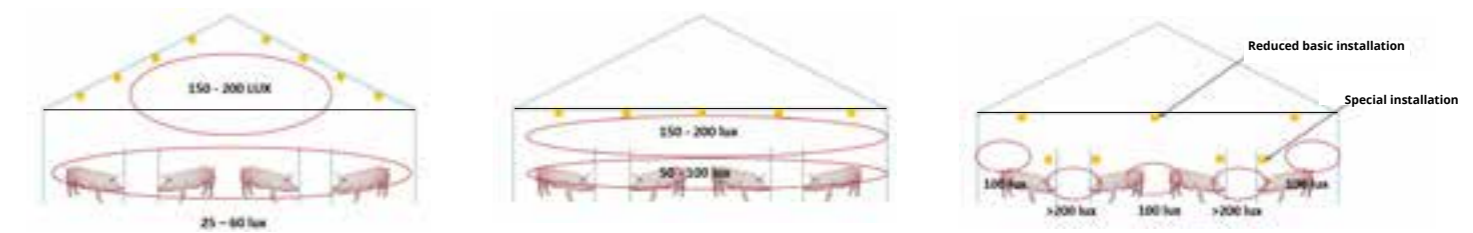
- ✓ **RNS Plug´N Play™:**
  - EASY-Light ➤ page 54-55
  - FARM-Light ➤ page 44-45
  - MODULAR-Light ➤ page 48-49
- ✓ **Fixed installation:**
  - FARM LUMINAIRE ➤ page 58-59
- ✓ **High Bays:**
  - EGGSHELL ➤ page 66-67



# SOW-LIGHT™

Prevent seasonal infertility mitigation: returns, throws and empty sows with the right farm lighting solution. With our SOW-Light, the luminaires will be mounted directly above the sows heads, so that they will be illuminated with 200 – 400 lux. This means that the sows will act as if it is spring/summer all year and you will achieve improvements as:

- ✓ **Less sows that "skips"**
- ✓ **2-5 % higher farrowing**
- ✓ **0,3-1 extra pig per litter**
- ✓ **Return of investment approx. 3 months**

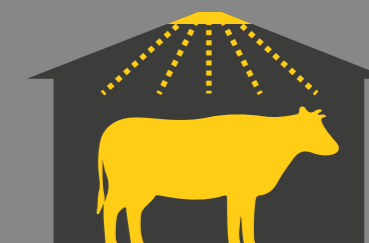


### SOW-LIGHT™ CONCEPT CONSISTS OF:

- ✓ FARM-Light ➤ page 44-45 or
- ✓ MODULAR-Light ➤ page 48-49
- Associated accessories:**
  - SOW-Light Brackets ➤ page 76
  - SOW-Light Strawrack ➤ page 77
  - RNS SYSTEM CABLES & ACCESSORIES ➤ page 80-81

The right amount of the light + The right location of the light = **Efficient light**

*At Allindemaglegården in Copenhagen, Kim Kjær Knudsen has achieved a saving of DKK 25.000 per year, when he built a new energy-friendly pig house. The cost for LED luminaires was minimal, because Kim and his people chose to mount the RNS Plug´N Play™ system themselves.*



**CATTLE**

*In Sønderholm, near Aalborg, Ewald Kristensen, Sydgaarden, has achieved a saving of EUR 3.300 / year. Meaning the investment is paid back in 2.5 years. At the same time, the lighting is improved in the houses and less maintenance is required.*



**INCREASE THE PRODUCTIVITY IN YOUR CATTLE PRODUCTION WITH LED**



# CATTLE FARM

Our LED farm luminaires and high bay lamps are made for animal houses. With a special-coating, they withstands large amounts of dust and ammonia and can be high-pressure washed, which makes them very cleaning-friendly.

## WITH RN SOLUTIONS SPECIALLY DEVELOPED LIGHT CONCEPTS FOR LIVESTOCK FARMS YOU GET:

- ✓ **Optimal lighting** with LED luminaires or High Bay lamps
- ✓ **Easy installation** – With our price-efficient RNS Plug´N Play™ solution, which can easily be installed by the farmer or the electrician. Or our luminaires for fixed installation, with PUSH IN clamps.
- ✓ **Significant savings on the electricity bills** - 50-80% per year, depending on the current light solution
- ✓ **Long-term solution:**
  - Most of our products has 5 years warranty
  - 50.000 hours lifetime



# MILKING-LIGHT™

The milking parlor is the place where work is done most hours a year on a dairy farm. Therefore, the working environment is important and must be the best possible. Lighting and easy maintenance is an important factor in this regard.

- ✓ **RNS luminaires are well protected against "electronic noise"** and does not affect antennas, ear scanners etc.
- ✓ **An easy and cheap upgrade of an older milking parlor.** In addition, due to the many hours of durability, it is repaid in a short period of time.
- ✓ **Better animal welfare** along with better working environment for your employees



## MILKING-LIGHT™ CONCEPT CONSISTS OF:

- ✓ **FARM-Light** ➤ page 44-45  
or
  - ✓ **MODULAR-Light** ➤ page 48-49
- Associated accessories:**
- RNS SYSTEM ➤ page 80-81
  - CABLES & ACCESSORIES

## PRODUCTS, WE RECOMMEND:

- ✓ **RNS Plug´N Play™:**
  - EASY-Light ➤ page 54-55
  - FARM-Light ➤ page 44-45
  - MODULAR-Light ➤ page 48-49
- ✓ **Fixed installation:**
  - FARM LUMINAIRE ➤ page 58-59
- ✓ **High Bay:**
  - EGGSHELL ➤ page 66-67
  - FLAT DESIGN ➤ page 62-63



*At Virkelyst Agriculture, Gregers Kristensen has installed new LED lighting from RN Solutions. "It took 2 hours to mount it all ourselves in the milking parlor and it gave us significantly better working environment " - explains Gregers. "It is a nice update to an older milking parlor and now we can wash the luminaires as much as we want." - He elaborates.*



**POULTRY**

*At René Meyhoff in Præstø in Sjælland, René installed dimmable LED lighting from RN Solutions. All light sources and cables are RNS Plug´N Play™ system. Installed and mounted by the employees themselves.*



**INCREASE THE PRODUCTIVITY OF YOUR  
POULTRY PRODUCTION WITH LED**





# POULTRY

## Achieve better animal welfare and save money - all at the same time.

Poultry requires good lighting which is dimmable and which does not flicker. RNS LED Poultry Farm-Light dimmable luminaires, is made especially for poultry where dimming without flicker has been the main focus. - In addition, they are made for farm environments, which means that they can withstand ammonia, dust and high pressure washing. Built in transformer in every luminaire provides easy installation, reliability and a price efficient solution.

### WITH RNS SPECIAL DESIGNED LIGHT CONCEPTS FOR POULTRY FARMS YOU GET:

- ✓ **Optimal lighting** with farm luminaires special made for poultry
- ✓ **Easy installation** – our price-efficient RNS Plug´N Play™ solution, which can easily be installed by the farmer or the electrician.
- ✓ **Significant savings on the electricity bills**
  - 50-80% per year, depending on the current light solution
- ✓ **Long-term solution:**
  - 5 year warranty
  - 50.000 hours lifetime
  - All equipment is waterproof and has a special-coating against ammonia



### PRODUCTS WE RECOMMEND:

- ✓ **RNS Plug´N Play™:**  
POULTRY FARM-LIGHT DIMMABLE  
MODULAR-LIGHT DIMMABLE  
➤ page 46-47
- page 50-51
- ✓ **DIMMABLE 0-10V:**  
CEPU1500  
➤ page 74-75
- ✓ **LIGHT CONTROL:**  
SUNRISE LIGHT CONTROL  
➤ page 74-75



*At Dueholm Æg near Skanderborg, the Poulsen family has installed dimmable LED lighting from RN Solutions. All light sources and cables are RNS Plug´N Play™ system. Mounted by the Groups own employees.*



**HORSES**

*In 2018 Hovhedegård Horsecenter had LED Lighting from RN Solutions installed in all their stalls. With the LED Lighting all areas are well lit, so the horses has the best possible environment and the staff also has a good working environment.*



**ACHIEVE BETTER WELFARE FOR YOUR HORSES WITH LED LIGHTING**



# HORSES

## Achieve better welfare for your horses with LED lighting that does not dazzle or flicker, and ensure a good environment for your horses

In both horse farms and riding halls/arenas, demands are placed on the distribution of light, which is why it is important with the right location and the right amount of lux. A farm/stall is also a workplace, so a good orientation light, which illuminate all areas, ensures a safe and comfortable working environment.

When the horses should be able to see each other and be aware of their surroundings, the lux should be at least 50 lux. For supervision the brightness should be at least 100 lux and in working areas e.g. when the blacksmith comes, there should be at least 200 lux.

## With RNS Light Controllers you ensure a good circadian rhythm in your stall.

Depending on the daily routines of the different horse teams, such as riding schools, stud farms, racing arenas/stalls etc., it is recommended that the light follows a circadian rhythm, which ensures that the horses have a sufficient activity period as well as rest period. As a general rule the dark period should not be shorter than six hours, and the light period not shorter than eight hours.



# RIDING HALL

## Achieve better welfare with the right LED lighting in the riding hall.

It is important with a good orientation light in a riding hall/arena, both for the horse but also the rider. Horses are sensitive animals and therefore it is important, that every area is well illuminated so that there is no glare or shadows, which can frighten the horse unnecessarily. This can also help to ensure that the rider will get a good experience.

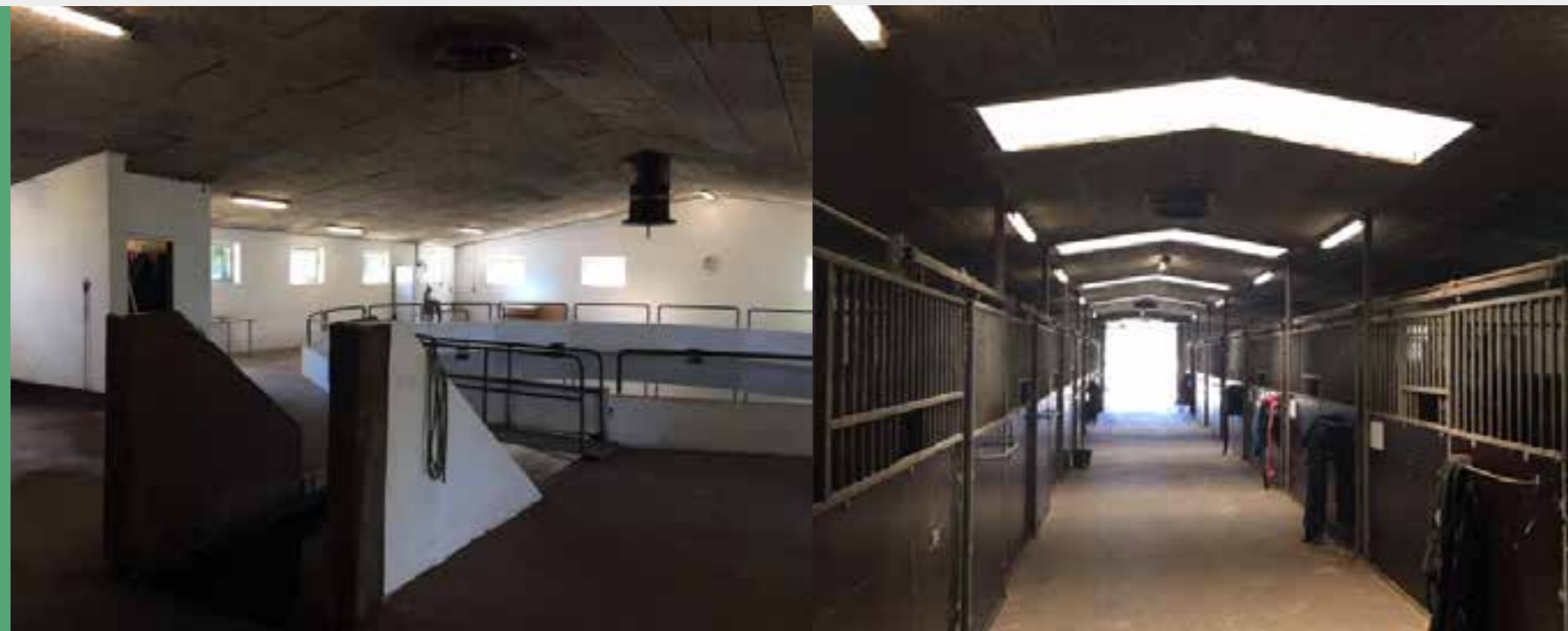
## WITH RNS SPECIAL DESIGNED LIGHT CONCEPTS FOR HORSES YOU GET:

- ✓ **LED lighting** which do not dazzle or flicker, and ensures a good environment for the horse
- ✓ **Dimmable LED lighting** with RNS light controllers ensures a good circadian rhythm for the horse
- ✓ **Easy installation** – our price-efficient RNS Plug´N Play™ solution, which can easily be installed by the farmer or the electrician.
- ✓ **Significant savings on the electricity bills**  
-50-80% per year, depending on the current light solution
- ✓ **Long-term solution:**
  - 5 year warranty
  - 50.000 hours lifetime
  - All equipment is waterproof and has a special-coating against ammonia

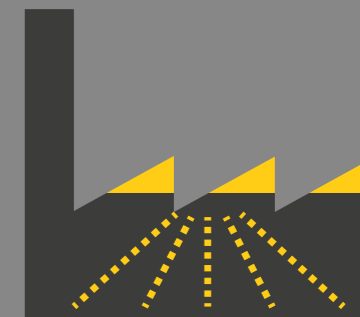


### PRODUCTS WE RECOMMEND:

- ✓ **RNS Plug´N Play™:**  
FARM-LIGHT DIMMABLE ➤ page 46-47  
MODULAR-LIGHT DIMMABLE ➤ page 50-51  
DANISH FARM-LIGHT ➤ page 52-53
- ✓ **DIMMABLE 0-10V:**  
CEPU1500 ➤ page 74-75
- ✓ **LIGHT CONTROLLERS:**  
SUNRISE LIGHT CONTROL ➤ page 74-75
- ✓ **LED HIGH BAY:**  
EGGSHELL ➤ page 66-67  
FLAT DESIGN ➤ page 62-63







**INDUSTRY**

*Kurt Nielsen, Maskingaarden, near Nibe in Northern Jutland, has used LED luminaires from RN Solutions for several years. "It is very quick and easy to install, without professional help. We save money and at the same time we get a good working light."*

*"The only problem is, that there are still some dark areas, where we have not yet replaced the lighting" he elaborates.*



**INCREASE THE PRODUCTIVITY OF YOUR PRODUCTION WITH LED LIGHTING**



# INDUSTRY

The working environment must be the best. Lighting and easy maintenance is an important factor in this regard. With RNS lighting you save 50-80 % on electricity and corresponding CO2.

RNS INDUSTRY LUMINAIRES is well secured against "Electronic disturbance" and does not affect various electronic equipment. They withstand high pressure cleaning and are therefore also suitable for the food industry.

RN Solutions offers light calculations and can deliver LED lighting for any project.

### WITH RNS SPECIALLY DESIGNED LIGHT CONCEPTS FOR INDUSTRY, YOU GET:

- ✓ **Easy installation** – our price-efficient RNS Plug ´ N Play™ solution, easy to install by the staff or the electrician
- ✓ **Luminaires for fixed installation** mounted with PUSH IN clamps
- ✓ **Significant savings on electricity bills**
  - 50-80 % per year, depending on the current light solution
- ✓ **Long-term solution:**
  - Most of our products has 5 years warranty
  - 50.000 hours lifetime
  - All equipment is waterproof and anti-corrosive, and may be exposed to salt, ammonia, detergents and certain types of acid etc.



**PRODUCTS WE RECOMMEND:**

- ✓ **RNS Plug ´ N Play™:**
  - EASY-Light ➤ page 54-55
  - MODULAR-Light ➤ page 48-49
- ✓ **Fixed installation:**
  - FARM LUMINAIRE ➤ page 58-59
- ✓ **High Bay:**
  - EGGSHELL ➤ page 66-67
  - EX PROOF ➤ page 70-71
  - FLAT DESIGN ➤ page 62-63



*DTL A/S in Padborg, is Denmark's biggest car wash for animal transports. In 2017 they replaced all their light to LED lighting from RN Solutions. Director Thorsten Simonsen says: "We got significantly more light and at the same time we save electricity. - Real win win situation."*



**CONSTRUCTION  
SITE**

*"RNS CONSTRUCTION SITE LIGHTING  
has given us the best light we have  
ever tried! Smooth and good distri-  
bution of the light without blinding.  
At the same time it is very flexible,  
durable and easy to set up.  
All construction sites are different, so  
flexibility is very important for us." -  
Carpenter, Michael Lund*



**EFFICIENT WORK  
REQUIRES GOOD LIGHTING**





# CONSTRUCTION

## RNS WORK LIGHT CONCEPT

Good lighting on the site is important for an optimal working environment and performance. The RNS construction site light does not blind and throws far fewer shadows than traditional floodlights.

## EASY & FLEXIBLE SYSTEM

RNS CONSTRUCTION SITE LIGHTING consists of low-weight LED luminaires, which is easily connected via the Plug ´N Play™ solution. Everyone can mount as well as dismount the luminaires.

Only the imagination limits the use of these.

## WITH RNS SPECIALLY DESIGNED LIGHT CONCEPTS FOR CONSTRUCTION SITE, YOU GET:

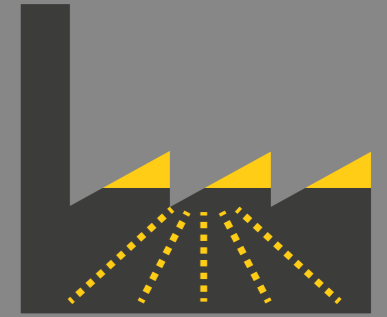
- ✓ **WATERPROOF AND HIGHLY DURABLE**, IP65 approved and extra moisture-proof. The housing is made of aluminum and the cover is impact resistant.
- ✓ **Can be used everywhere**, on all types of projects
- ✓ **Significant savings**, on the electricity bill
- ✓ **Long-term solution:**
  - 5 year warranty
- ✓ **POSSIBLE TO RENT** – for further information, please contact us



## PRODUCTS WE RECOMMEND:

- ✓ **RNS Plug ´N Play™:**
  - FARM-LIGHT ➤ page 44-45
  - MODULAR-Light ➤ page 48-49
- ✓ **FLOODLIGHT:**
  - FLOODLIGHT IP66 ➤ page 68-69
- ✓ **HIGH BAY:**
  - FLAT DESIGN ➤ page 62-63
  - EGGSHELL ➤ page 66-67





## AREA LIGHTING

*DTL A / S in Padborg is Denmark's largest car wash for animal transport trucks. "2 years ago, we changed all our lighting to LED from RN Solutions." Director Thorsten Simonsen comments "We now have significantly more light, while saving electricity - so it's definitely a win win situation."*



**INCREASE THE PRODUCTIVITY  
EVERYDAY WITH LED LIGHTING**





## AREA LIGHTING

Get better light in the courtyard or in the open area, and save 50-80 % electricity and corresponding CO2 at the same time.  
 RN Solutions can deliver LED High Bays or floodlights for any project, and we will be ready to help during the whole process to find the best solution for your needs.

### WITH RNS SPECIALLY DESIGNED LIGHT CONCEPTS FOR AREA LIGHTING, YOU GET:

- ✓ **WATERPROOF AND HIGHLY DURABLE**, IP65 approved and extra moisture-proof. The housing is made of aluminum and the cover is impact resistant.
- ✓ **Significant savings on the electricity bills**
  - 50-80% per year, depending on the current light solution
- ✓ **Long-term solution:**
  - 5 year warranty
  - 50.000 hours lifetime
  - All equipment is waterproof and impact resistant. In addition, anti-corrosive and can be exposed to salt, ammonia, detergents and certain acids etc.



### PRODUCTS WE RECOMMEND:

- ✓ **High Bay:**
  - EGGSHELL > page 66-67
  - FLAT DESIGN > page 62-63
- ✓ **IP 66 Floodlights:**
  - IP65/66 > page 68-69





**WORKSHOP**

*Kurt Nielsen, Maskingaarden, near Nibe in Northern Jutland, has used LED luminaires from RN Solutions for several years. "It is very quick and easy to install, without professional help. We save money and at the same time we get a good working light."*

*"The only problem is, that there are still some dark areas, where we have not yet replaced the lighting" he elaborates.*



**INCREASE THE EFFICIENCY IN YOUR  
WORKSHOP WITH LED LIGHT**





# WORKSHOP

In a workshop there is often busy and many people work closely together in a small area. Therefore, the work environment must be suitable. Lighting and maintenance is an important factor in this regard.

The RNS INDUSTRY LIGHT is well-assured of "electronic noise" and does not affect various equipment. It also withstands high pressure cleaning.

### WITH RNS SPECIALLY DESIGNED LIGHT CONCEPTS FOR WORKSHOPS, YOU GET:

- ✓ **Easy installation** – our price-efficient RNS Plug ´ N Play™ solution, which can easily be installed by the staff or the usual electrician
- ✓ **Significant savings on the electricity bills**  
– 50-80% per year, depending on the current light solution
- ✓ **Long-term solution:**
  - Most of our products has 5 years warranty
  - 50.000 hours lifetime
  - All equipment is waterproof and has a special coating against salt, ammonia etc.



### PRODUCTS WE RECOMMEND:

- ✓ **RNS Plug ´ N Play™:**
  - EASY-Light ➤ page 54-55
  - MODULAR-Light ➤ page 48-49
  - BASIC LED LUMIN ➤ page 60-61
- ✓ **Fixed Installation:**
  - FARM LUMINAIRE ➤ page 58-59
- ✓ **High Bays:**
  - EGGSHELL ➤ page 66-67
  - FLAT DESIGN ➤ page 62-63
  - EX PROOF ➤ page 70-71







## RNS LIFT-LIGHT

Most mechanics is familiar with the problem. - It is not easy to see anything under a car, when it is on the lift. Flashlight helps, but they are impractical.

RNS LIFT-LIGHT gives a good light, without blinding, and at the same time you have both hands free to get work done. It provides enough light to be used on both 2 and 4 pos. lifts.

The working environment in a workshop needs to be good and efficient. Good lighting and easy maintenance are important in this matter. RNS industry luminaires are well-assured against "electronic noise" and does not affect various electronic equipment.

They also withstands high pressure cleaning.

### WITH RNS SPECIALLY DESIGNED LIGHT CONCEPTS FOR LIFTS, YOU GET:

- ✓ **Easy installation** – our price-efficient Plug´N Play™ solution, which can easily be installed by the staff or the elctrician
- ✓ **Long-term solution:**
  - Most of our products has 5 years warranty
  - 50.000 hours lifetime
  - All equipment is waterproof and has a special coating against salt, acid etc.



### PRODUCTS WE RECOMMEND:

- ✓ **RNS Plug´N Play™:**
  - EASY-Light ➤ page 54-55
  - MODULAR-Light ➤ page 48-49
  - DANISH FARM-Light ➤ page 52-53



*Michael Smits, Støvring Tire Center, in Northern Jutland has for several years used RNS Lift-Light, from RN Solutions. "It is very easy and quick to install. We save money and we have a great working light, while the car is on the lift." Says Michael.*



**RN SOLUTIONS  
PRODUCTS**



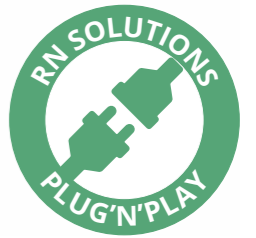
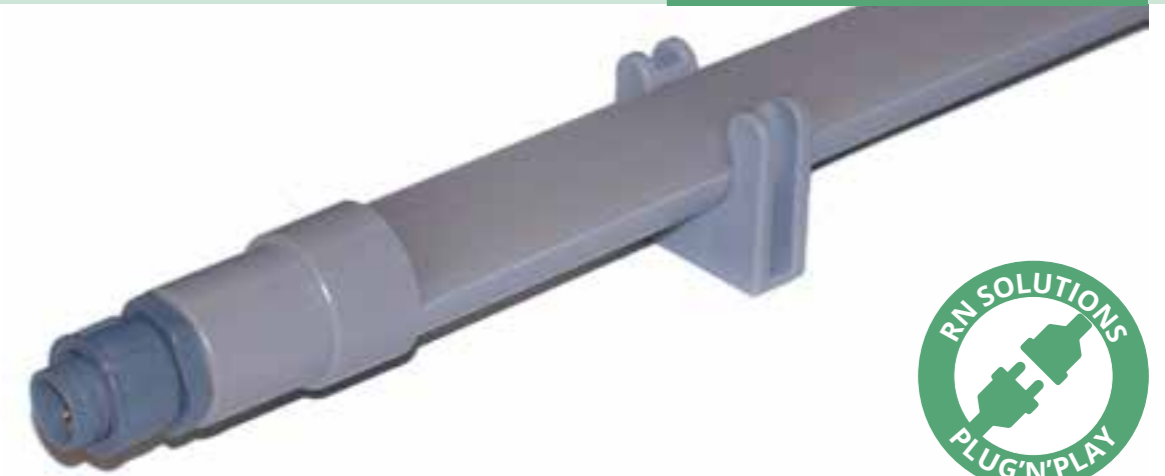
# DESIGNED FOR AGRICULTURE AND INDUSTRY

**FARM-LIGHT**  
RNS PLUG 'N PLAY™



With **RNS Plug 'N Play™** system, up to 20 luminaires can be connected in series (<500W).

They can easily be mounted in the ceiling. With the very low weight they are also perfect for wire mounting or on Brackets, e.g. SOW-Light™ or MILKING-Light™



- ✓ **LED farm luminaire with RNS Plug 'N Play™**
- ✓ **IP67 approved**
- ✓ **The luminaire is built in a highly waterproof tube in PMMA (acrylic)**
- ✓ **LED diodes are special-coated** and the driver is silicone sealed, for long durability
- ✓ **An easy and economic way to get light in areas with high level of moisture and ammonia/gas**
- ✓ **RNS System Cables** is available with or without rodent protection

|                          |                                |
|--------------------------|--------------------------------|
| Voltage                  | 100 - 265 V.                   |
| Life span                | 50.000 hours                   |
| Driver                   | RNS                            |
| Lumen/Watt               | 125                            |
| Replaceable LED & DRIVER | NO                             |
| Internal through-wiring  | YES - 3G 1,5mm <sup>2</sup>    |
| Cover material           | PMMA                           |
| Frequency                | 50/60 Hz                       |
| CRI / Ra                 | >80                            |
| LED chips                | EPISTAR SMD 5050               |
| MacAdam step (SDCM)      | 3                              |
| Dimmable                 | NO - available in dimmable     |
| Connection               | RNS plug 3 - RNS Plug 'N Play™ |
| Housing material         | PMMA                           |



| Item No.    | Watt | Length  | Kelvin (Color) | Lumen   | Angle/De-gree | Net dimension L x Ø | Net weight | Maximum lights in series |
|-------------|------|---------|----------------|---------|---------------|---------------------|------------|--------------------------|
| AF1504/625P | 25 W | 1500 mm | 4000 / 6000 K  | 3125 lm | 180°          | 1575 x Ø 30,5 mm    | 0,500 kg   | 20                       |
| AF1904/640P | 40 W | 1800 mm | 4000 / 6000 K  | 5000 lm | 180°          | 1975 x Ø 30,5 mm    | 0,550 kg   | 12                       |

Available in special combinations against surcharge and additional delivery time

**ACCESSORIES:**  
The following brackets and mounting to the light:

| Item No. | Product                | Dim.       | Fits to luminaire | Material           | Color |
|----------|------------------------|------------|-------------------|--------------------|-------|
| D0007    | Click fittings (Ø 6mm) | 16 x 49 mm | BASIC FARM-LIGHT  | PVC                | Grey  |
| W0017    | Bolt                   | 6 x 25 mm  |                   | Stainless Steel A2 |       |
| W0018    | Nut                    | M6         |                   | Stainless Steel A2 |       |

SEE VARIOUS ACCESSORIES ► page 76 - 81



With **RNS Plug´N Play™** system, up to 20 luminaires can be connected in series (<500W).

They can easily be mounted in the ceiling. With the very low weight they are also perfect for wire mounting or on Brackets, e.g. Poultry Lighting, where light control is wanted.

Suitable for Poultry lighting, as this luminaire does not flicker when dimming.



## DESIGNED FOR AGRICULTURE AND INDUSTRY

DIMMABLE  
**FARM-LIGHT**  
RNS PLUG´N PLAY™



- ✓ **LED farm luminaire with RNS Plug´N Play™**
- ✓ **IP67 approved**
- ✓ **The luminaire is built in a highly waterpro of tube in PMMA (acrylic)**
- ✓ **LED diodes are special-coated** and the driver is silicone sealed, for long durability
- ✓ **An easy and economic way to get light in areas with high level of moisture and ammonia/ gas**
- ✓ **RNS System Cables** is available with and without rodent protection

|                          |                               |
|--------------------------|-------------------------------|
| Voltage                  | 100 - 265 V.                  |
| Life span                | 50.000 hours                  |
| Driver                   | RNS                           |
| Lumen/Watt               | 125                           |
| Replaceable LED & DRIVER | NO                            |
| Internal through-wiring  | YES - 3G 1,5mm <sup>2</sup>   |
| Cover material           | PMMA                          |
| Frequency                | 50/60 Hz                      |
| CRI / Ra                 | >80                           |
| LED chips                | EPISTAR SMD 5050              |
| MacAdam step (SDCM)      | 3                             |
| Dimmable                 | YES - w. CEPU1500 DIMMER      |
| Connection               | RNS plug 3 - RNS Plug´N Play™ |
| Housing material         | PMMA                          |



| Item No. | Watt | Length  | Kelvin (Color) | Lumen   | Angle / Degree | Net dimension L x Ø | Net weight | Max lights in series |
|----------|------|---------|----------------|---------|----------------|---------------------|------------|----------------------|
| AFD1203P | 25 W | 1500 mm | 2700 K         | 3125 lm | 180°           | 1575 x Ø 30,5 mm    | 0,500 kg   | 20                   |
| AFD1504P | 25 W | 1500 mm | 4000 K         | 3125 lm | 180°           | 1575 x Ø 30,5 mm    | 0,500 kg   | 20                   |
| AFD1506P | 25 W | 1500 mm | 6000 K         | 3125 lm | 180°           | 1575 x Ø 30,5 mm    | 0,500 kg   | 20                   |

Available in special combinations against surcharge and additional delivery time

### LIGHT CONTROLLERS FOR DIMMING:

| Item No. | Product                  | Signal                         | Load                      |
|----------|--------------------------|--------------------------------|---------------------------|
| CEPU1500 | DIMMER                   | 0 - 10 V analog / MAN / MODBUS | Up to 40 pcs. MODULAR 25w |
| CTHOCL1  | SUNRISE LIGHT CONTROLLER | Output: 0 - 10 V               | 2 pcs. CEPU1500 DIMMER    |

SEE VARIOUS **ACCESSORIES** ► page 76 - 81



# DESIGNED FOR AGRICULTURE AND INDUSTRY

# MODULAR-LIGHT

RNS PLUG 'N PLAY™



With **RNS Plug 'N Play™** system, up to 44 luminaires can be connected in series (<800W).

They can easily be mounted in the ceiling. With the very low weight they are also perfect for wire mounting or on Brackets, e.g. SOW-Light™ or CONSTRUCTI-ON-Light™



- ✓ **LED Industry and farm luminaire with RNS Plug 'N Play™**
- ✓ **IP67 approved, shockproof** and built in a strong aluminium profile
- ✓ **The LED diodes are special-coated** and the driver is silicone sealed, for long durability
- ✓ **Cables is available** with or without rodent protection

|                          |                                |
|--------------------------|--------------------------------|
| Voltage                  | 100 - 265 V.                   |
| Life span                | 50.000 hours                   |
| Driver                   | RNS                            |
| Lumen/Watt               | 125                            |
| Replaceable LED & DRIVER | YES                            |
| Internal through-wiring  | YES - 3G 1,5mm <sup>2</sup>    |
| Cover material           | Polycarbonat                   |
| Frequency                | 50/60 Hz                       |
| CRI / Ra                 | >80                            |
| LED chips                | EPISTAR SMD 5050               |
| MacAdam step (SDCM)      | 3                              |
| Dimmable                 | NO - dimmable is available     |
| Connection               | RNS plug 3 - RNS Plug 'N Play™ |
| Housing material         | Aluminum                       |



| Item No.               | Watt | Length  | Kelvin (Color) | Lumen   | Angle/ Degree | Net dimension L x Ø | Net weight | Max lights in series |
|------------------------|------|---------|----------------|---------|---------------|---------------------|------------|----------------------|
| AM1204/618P            | 18 W | 1200 mm | 4000 / 6000 K  | 2250 lm | 120°          | 1245 x 38 x 43 mm   | 0,840 kg   | 44                   |
| AM1504/625P            | 25 W | 1500 mm | 4000 / 6000 K  | 3125 lm | 120°          | 1545 x 38 x 43 mm   | 1,050 kg   | 32                   |
| AMV1504/640P (dobbelt) | 40 W | 1500 mm | 4000 / 6000 K  | 5000 lm | 300°          | 1545 x 38 x 43 mm   | 1,080 kg   | 26                   |
| AM190630P              | 30 W | 1900 mm | 6000 K         | 3750 lm | 120°          | 1945 x 38 x 43 mm   | 1,280 kg   | 26                   |
| AM240640P              | 40 W | 2400 mm | 6000 K         | 5000 lm | 120°          | 2445 x 38 x 43 mm   | 1,440 kg   | 20                   |

Available in special combinations against surcharge and additional delivery time

### ACCESSORIES:

The following brackets and mounting to the light:

| Item No. | Product                | Dim.       | Fits to luminaire | Material | Color |
|----------|------------------------|------------|-------------------|----------|-------|
| D0007    | Click fittings (Ø 6mm) | 16 x 49 mm | BASIC FARM-LIGHT  | PVC      | Grey  |

SEE VARIOUS ACCESSORIES > page 76 - 81



With **RNS Plug´N Play™** system, up to 32 luminaires can be connected in series (<500W).

They can easily be mounted in the ceiling. With the very low weight they are also perfect for wire mounting or on Brackets, e.g. Poultry Lighting, where light control is wanted.

Suitable for Poultry lighting, as this luminaire does not flicker when dimming.



## DESIGNED FOR AGRICULTURE AND INDUSTRY

**DIMMABLE**  
**MODULAR-LIGHT**  
RNS PLUG´N PLAY™



- ✓ **LED Industry and farm luminaire with RNS Plug´N Play™**
- ✓ **IP67 approved, shockproof** and built in a strong aluminium profile
- ✓ **The LED diodes are special-coated** and the driver is silicone sealed, for long durability
- ✓ **Cables is available** with or without rodent protection

|                          |                               |
|--------------------------|-------------------------------|
| Voltage                  | 100 - 265 V.                  |
| Life span                | 50.000 hours                  |
| Driver                   | RNS                           |
| Lumen/Watt               | 125                           |
| Replaceable LED & DRIVER | YES                           |
| Internal through-wiring  | YES - 3G 1,5mm²               |
| Cover material           | Polycarbonat                  |
| Frequency                | 50/60 Hz                      |
| CRI / Ra                 | >80                           |
| LED chips                | EPISTAR SMD 5050              |
| MacAdam step (SDCM)      | 3                             |
| Dimmable                 | YES - w. CEPU1500 DIMMER      |
| Connection               | RNS plug 3 - RNS Plug´N Play™ |
| Housing material         | Aluminum                      |



| Item No. | Watt | Length  | Kelvin (Color) | Lumen   | Angle/De-gree | Net dimension L x Ø | Net weight | Max lights in series |
|----------|------|---------|----------------|---------|---------------|---------------------|------------|----------------------|
| AMD1203P | 25 W | 1500 mm | 2700 K         | 3125 lm | 120°          | 1545 x 38 x 43 mm   | 1,100 kg   | 32                   |
| AMD1504P | 25 W | 1500 mm | 4000 K         | 3125 lm | 120°          | 1545 x 38 x 43 mm   | 1,100 kg   | 32                   |
| AMD1506P | 25 W | 1500 mm | 6000 K         | 3125 lm | 120°          | 1545 x 38 x 43 mm   | 1,100 kg   | 32                   |

Available in special combinations against surcharge and additional delivery time

### LIGHT CONTROLLERS FOR DIMMING:

| Item No. | Product                  | Signal                         | Load                      |
|----------|--------------------------|--------------------------------|---------------------------|
| CEPU1500 | DIMMER                   | 0 - 10 V analog / MAN / MODBUS | Up to 40 pcs. MODULAR 25w |
| CTHOCL1  | SUNRISE LIGHT CONTROLLER | Output: 0 - 10 V               | 2 pcs. CEPU1500 DIMMER    |

SEE VARIOUS **ACCESSORIES** ► page 76 - 81



With **RNS Plug´N Play™** system, up to 10 luminaires can be connected in series (<300W).

They can easily be mounted in the ceiling. With the very low weight they are also perfect for wire mounting or on Brackets, e.g. SOW-Light™ or MIL-KING-Light™

## DESIGNED FOR AGRICULTURE AND INDUSTRY

## DANISH FARM-LIGHT

RNS PLUG´N PLAY™



- ✓ **LED Industry and farm luminaire with RNS Plug´N Play™**
- ✓ **IP67 approved, shockproof** and built in a strong aluminium profile
- ✓ **The LED diodes are special-coated** and the driver is silicone sealed, for long durability
- ✓ **Cables is available** with and without rodent protection

|                          |                               |
|--------------------------|-------------------------------|
| Voltage                  | 100 - 265 V.                  |
| Life span                | 50.000 hours                  |
| Driver                   | RNS                           |
| Lumen/Watt               | 125                           |
| Replaceable LED & DRIVER | NO                            |
| Internal through-wiring  | YES - 3G 1,5mm <sup>2</sup>   |
| Cover material           | Polycarbonat                  |
| Frequency                | 50/60 Hz                      |
| CRI / Ra                 | >80                           |
| LED chips                | EPISTAR SMD 5050              |
| MacAdam step (SDCM)      | 3                             |
| Dimmable                 | NO                            |
| Connection               | RNS plug 3 - RNS Plug´N Play™ |
| Housing material         | Aluminum                      |

| Item No.        | Watt | Lengths | Kelvin (Color) | Lumen   | Angle/De-gree | Net dimension L x Ø | Net weight | Max lights in series |
|-----------------|------|---------|----------------|---------|---------------|---------------------|------------|----------------------|
| ALYT5SL120030WM | 30 W | 1200mm  | 6000 K         | 3750 lm | 120°          | 1215 x 43 x 35mm    | 0,700 kg   | 10                   |

### ACCESSORIES:

The following brackets and mounting to the light:

| Item No. | Product                | Dim.       | Fits to luminaire | Material           | Color |
|----------|------------------------|------------|-------------------|--------------------|-------|
| D0007    | Click fittings (Ø 6mm) | 16 x 49 mm | BASIC FARM-LIGHT  | PVC                | Grey  |
| W0017    | Bolt                   | 6 x 25 mm  |                   | Stainless Steel A2 |       |
| W0018    | Nut                    | M6         |                   | Stainless Steel A2 |       |

SEE VARIOUS ACCESSORIES > page 76 - 81



# DESIGNED FOR AGRICULTURE AND INDUSTRY

**EASY-LIGHT**  
RNS PLUG 'N PLAY™



With **RNS Plug 'N Play™** system, up to 100 EASY-Light can be connected in series (<400W).

They can easily be mounted in the ceiling. With the very low weight they are also perfect for mounting on inventory, machines or on eaves etc.



- ✓ **LED Industry and farm luminaire with RNS Plug 'N Play™**
- ✓ **IP65 approved**, built in a strong waterproof ABS cabinet
- ✓ **The LED diodes are special-coated** and the driver is silicone sealed, for long durability
- ✓ **Cables is available** with and without rodent protection
- ✓ **Ideal for eaves or e.g. piglets corners**

|                          |                                |
|--------------------------|--------------------------------|
| Voltage                  | 100 - 265 V.                   |
| Life span                | 50.000 hours                   |
| Driver                   | RNS                            |
| Lumen/Watt               | 120                            |
| Replaceable LED & DRIVER | NO                             |
| Internal through-wiring  | NO                             |
| Cover material           | Polycarbonat                   |
| Frequency                | 50/60 Hz                       |
| CRI / Ra                 | >80                            |
| LED chips                | EPISTAR SMD 5050               |
| MacAdam step (SDCM)      | 4                              |
| Dimmable                 | NO                             |
| Connection               | RNS plug 3 - RNS Plug 'N Play™ |
| Housing material         | ABS plastic, Grey              |



| Item No. | Watt | Lengths | Kelvin (Color) | Lumen | Angle/De-gree | Net dimension L x Ø | Net weight | Max lights in series |
|----------|------|---------|----------------|-------|---------------|---------------------|------------|----------------------|
| E00427P  | 4 W  | 2700 K  | 480 lm         | 120°  | Ø130 mm       | 0,200 kg            | 100        | 20                   |
| E00940P  | 9 W  | 4000 K  | 1080 lm        | 120°  | Ø130 mm       | 0,200 kg            | 100        | 12                   |

Available in special combinations against surcharge and additional delivery time

### ACCESSORIES

The following brackets and mounting to the light:

| Item No. | Product                | Dim.       | Fits to luminaire | Material           | Color |
|----------|------------------------|------------|-------------------|--------------------|-------|
| D0007    | Click fittings (Ø 6mm) | 16 x 49 mm | BASIC FARM-LIGHT  | PVC                | Grey  |
| W0017    | Bolt                   | 6 x 25 mm  |                   | Stainless Steel A2 |       |
| W0018    | Nut                    | M6         |                   | Stainless Steel A2 |       |

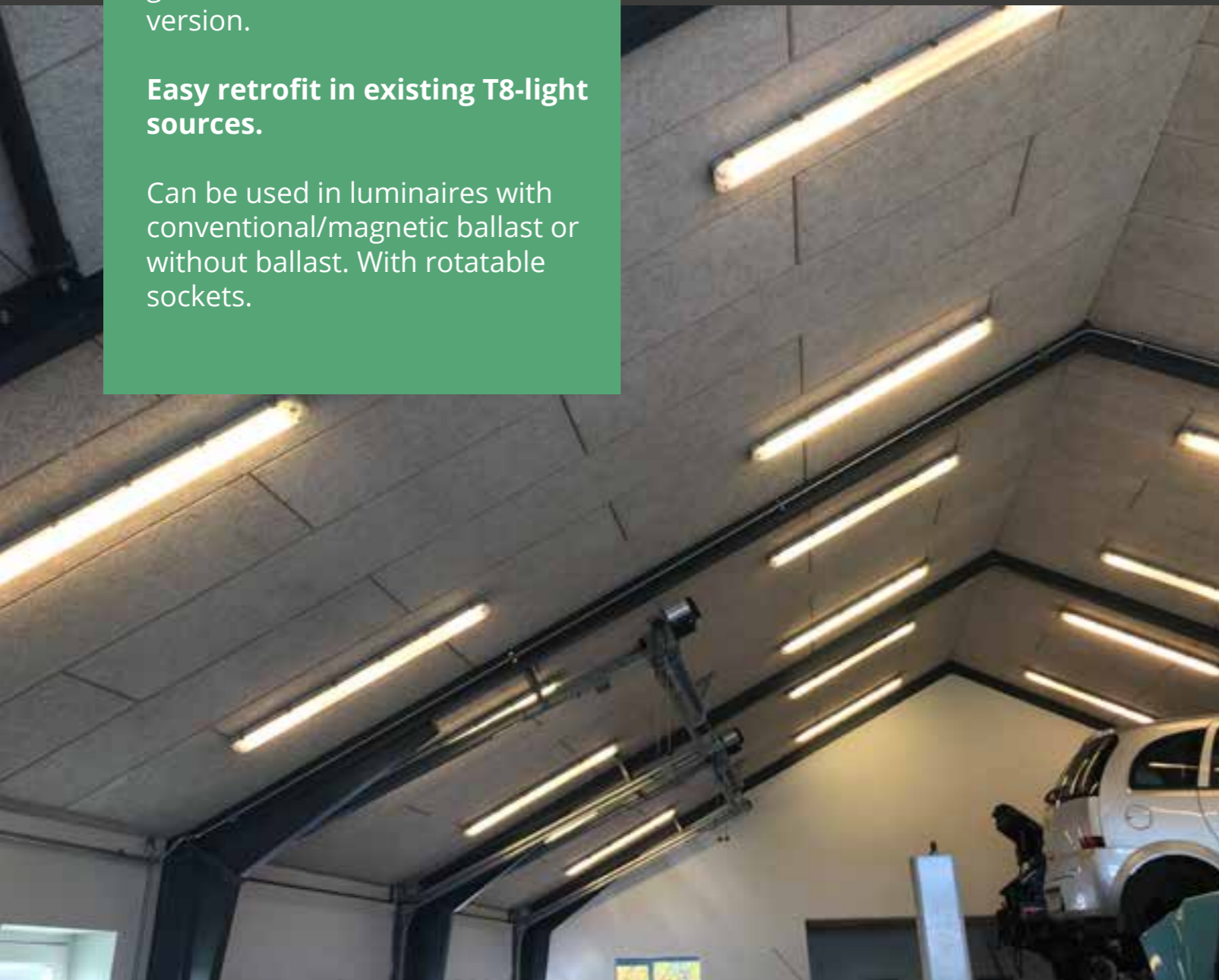
SEE VARIOUS ACCESSORIES ► page 76 - 81



With Philips LED tube, you will get the newest and most efficient version.

Easy retrofit in existing T8-light sources.

Can be used in luminaires with conventional/magnetic ballast or without ballast. With rotatable sockets.



## DESIGNED FOR AGRICULTURE AND INDUSTRY

PHILIPS LED TUBE



- ✓ **LED tube in high quality suitable** for industry, agriculture and farm environment
- ✓ **LED diodes are corrosions protected**
- ✓ **Easy retrofit** in existing T8 light sources. Can be used in luminaires with conventional/magnetic ballast or without ballast. **With rotatable sockets.**
- ✓ **Strong heat-dissipating** aluminum housing
- ✓ **5 year warranty** - also applies in farms (Must be mounted in IP65 approved luminaire)

|                          |                                       |
|--------------------------|---------------------------------------|
| Voltage                  | 200 - 240 V.                          |
| Life span                | 50.000 hours                          |
| Driver                   | Philips                               |
| Lumen/Watt               | 156                                   |
| Replaceable LED & DRIVER | NO                                    |
| Socket                   | G13, rotatable                        |
| Cover material           | Polycarbonat                          |
| Frequency                | 60 Hz                                 |
| CRI / Ra                 | >83                                   |
| LED chips                | Philips                               |
| MacAdam step (SDCM)      | 3                                     |
| Dimmable                 | NO                                    |
| Connection               | Single-end power input w. LED starter |
| Housing material         | Polycarbonat, Aluminum                |



| Item No.     | Watt   | Dimension      | Kelvin (Color) | Lumen   | Angle/Degree | Net weight |
|--------------|--------|----------------|----------------|---------|--------------|------------|
| TPHEM120415P | 15,5 W | 1213 x Ø28 mm  | 4000 K         | 2500 lm | 160°         | 0,24 kg    |
| TPHEM120615P | 15,5 W | 1213 x Ø28 mm  | 6500 K         | 2500 lm | 160°         | 0,24 kg    |
| TPHEM150423P | 23 W   | 1613 x Ø28 m m | 4000 K         | 3700 lm | 160°         | 0,30 kg    |
| TPHEM150623P | 23 W   | 1613 x Ø28 mm  | 6500 K         | 3700 lm | 160°         | 0,30 kg    |

SEE VARIOUS ACCESSORIES > page 76 - 81

## DESIGNED FOR AGRICULTURE AND INDUSTRY

## FARM LUMINAIRE

LED FIXED INSTALLATION FOR T8 LED RØR

The Farm Luminaire can easily be mounted in the ceiling with stainless steel or PUSH IN clamps (must be done by an electrician).

Ideal for new construction, along with replacement 1-1, of existing luminaires – they have the same measurement.



- ✓ **LED industry and farm luminaire for LED tubes**
- ✓ **Available for one or two pcs. T8 LED tubes - 1200 or 1500 mm.**
- ✓ **Easily replaceable LED and DRIVER**
- ✓ **Housing in polyester**
- ✓ **Cleaning-friendly** and suitable for industry, agriculture and the food industry, IP65
- ✓ **5 years warranty.** Delivered with clips in stainless steel

|                         |                                       |
|-------------------------|---------------------------------------|
| Voltage                 | 220 – 240 V.                          |
| Warranty                | 5 years                               |
| Internal through-wiring | YES - 5G 2,5mm <sup>2</sup>           |
| Cover Material          | Polyester                             |
| Operating temperature   | From -25° C to + 40° C                |
| Housing material        | Polyester + clips in stainless steel  |
| Terminal                | 5x2x2,5mm <sup>2</sup> Push in clamps |
| Frequency               | 50 Hz                                 |

| Item No. | Kelvin (Color) | Net dimension SINGLE/TWIN L x H X B | Net weight |
|----------|----------------|-------------------------------------|------------|
| AFL11200 | 4000 / 6500 K  | SINGLE 1274 x 85 x 80 mm            | 1,660 kg   |
| AFL11500 | 4000 / 6500 K  | SINGLE 1274 x 130 x 80 mm           | 2,080 kg   |
| AFL21200 | 4000 / 6500 K  | TWIN 1584 x 85 x 80 mm              | 2,080 kg   |
| AFL21500 | 4000 / 6500 K  | TWIN 1584 x 130 x 80 mm             | 2,600 kg   |

Normally not an stock item, expect delivery time.

### ACCESSORIES:

The following brackets and mounting to the light:

| Item No.        | Product          | Dim.          | Fits to luminaire | Material             | Color       |
|-----------------|------------------|---------------|-------------------|----------------------|-------------|
| TPHEM1204/0615P | PHILIPS LED TUBE | 1213 x Ø28 mm | FARM LUMINAIRE    |                      | 4000/6000 K |
| TPHEM1504/0623P | PHILIPS LED TUBE | 1613 x Ø28 mm | FARM LUMINAIRE    |                      | 4000/6000 K |
| RNSCGM20        | Cable Gland      |               |                   | Stainless Steel stål |             |
| RNSNM20         | Nut              |               |                   | Stainless Steel stål |             |

SEE VARIOUS ACCESSORIES > page 76 - 81



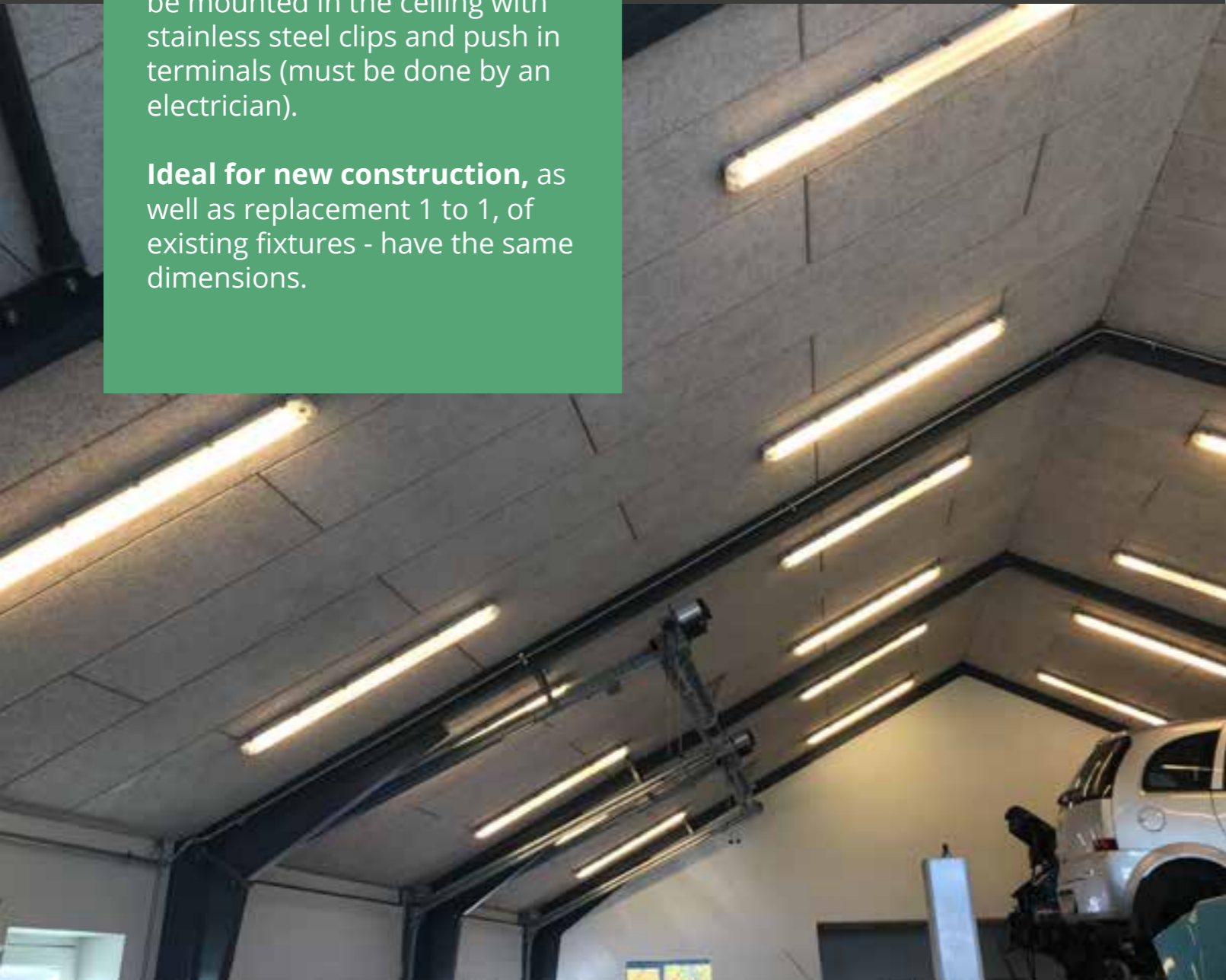
## DESIGNED FOR AGRICULTURE AND INDUSTRY

### BASIC LED LUMINAIRE

LED FIXED WIRING, FOR T8 LED RØR

**BASIC LED luminaire** can easily be mounted in the ceiling with stainless steel clips and push in terminals (must be done by an electrician).

**Ideal for new construction**, as well as replacement 1 to 1, of existing fixtures - have the same dimensions.



- ✓ **LED industry and farm luminaire**
- ✓ **Easily replaceable** LED and DRIVER
- ✓ **Housing in polyester**
- ✓ **Cleaning-friendly** and suitable for industry, agriculture and the food industry, IP65
- ✓ **5 years warranty.** Delivered with clips in stainless steel

|                        |   |
|------------------------|---|
| Voltage                | 100 - 240 V.                            |
| Life Span              | 50.000 hours                            |
| Driver                 | RNS                                     |
| Lumen/Watt             | 120                                     |
| Replaceable LED+DRIVER | YES                                     |
| Cover material         | PC - mat finish                         |
| Frequency              | 50/60 Hz                                |
| CRI / Ra               | >80                                     |
| LED chips              | Philips                                 |
| MacAdam step (SDCM)    | 5                                       |
| Dimmable               | NO                                      |
| Terminal               | 5x2x2,5mm <sup>2</sup> Push in Terminal |
| Housing material       | Plastic + stainless steel clips         |



| Item No.    | Watt | Length  | Kelvin (color) | Lumen   | Angle/Degree | Net dimension L x Ø | Net weight |
|-------------|------|---------|----------------|---------|--------------|---------------------|------------|
| AB1120204/6 | 20 W | 1200 mm | 4000/6000 K    | 2600 lm | 120°         | 1274 x 85 x 80mm    | 1,660 kg   |
| AB2120404/6 | 40 W | 1200 mm | 4000/6000 K    | 5200 lm | 120°         | 1274 x 130 x 80mm   | 2,080 kg   |
| AB1150304/6 | 30 W | 1500 mm | 4000/6000 K    | 3900 lm | 120°         | 1584 x 85 x 80mm    | 2,080 kg   |
| AB2150604/6 | 60 W | 1500 mm | 4000/6000 K    | 7800 lm | 120°         | 1584 x 130 x 80mm   | 2,600 kg   |

SEE VARIOUS **ACCCESSORIES** > page 76 - 81



## DESIGNED FOR INDUSTRY AND AGRICULTURE

**FLAT DESIGN**  
LED HIGH BAY

LED High Bay in nice and simple design for industry and farm environments.

"Anti glare" protection gives less blinding.

Suitable for high ceiling buildings, e.g. storagerooms or showroom.



- ✓ **The LED diodes are corrosion protected,** and the driver is 0-10V dimmable
- ✓ **"Anti glare"** protection, gives less blinding
- ✓ **IP65 approved** - waterproof
- ✓ **Cleaning-friendly** and suitable for industry, agriculture and the food industry
- ✓ **Strong, heat-dissipating aluminum housing**
- ✓ **CREE diodes and MEANWELL driver** guarantees for good quality

|                          |                                     |
|--------------------------|-------------------------------------|
| Voltage                  | 100 - 277 V.                        |
| Life span                | 50.000 hours                        |
| Driver                   | MEANWELL                            |
| Lumen/Watt               | 130                                 |
| Replaceable LED & DRIVER | Only driver                         |
| Linser                   | Anti-skin                           |
| Housing color            | Grey                                |
| Frequency                | 50/60 Hz                            |
| CRI / Ra                 | >80                                 |
| LED chips                | CREE JK3030                         |
| MacAdam step (SDCM)      | 5                                   |
| Dimmable                 | YES                                 |
| Connection               | 80 cm. 3G 1,00mm <sup>2</sup> Cable |
| Housing material         | Aluminum                            |

| Item No.   | Watt  | Lumen    | Kelvin (Color) | Dimension          | Angle/Degree | Net weight |
|------------|-------|----------|----------------|--------------------|--------------|------------|
| FD1004080D | 100 W | 13000 lm | 4000 K         | 362 x 257 x 120 mm | 80° - 110°   | 4,3 kg     |
| FD1006080D | 100 W | 13000 lm | 6000 K         | 362 x 257 x 120 mm | 80° - 110°   | 4,3 kg     |
| FD1504080D | 150 W | 19500 lm | 4000 K         | 362 x 257 x 120 mm | 80° - 110°   | 4,4 kg     |
| FD1506080D | 150 W | 19500 lm | 6000 K         | 362 x 257 x 120 mm | 80° - 110°   | 4,4 kg     |
| FD2004080D | 200 W | 26000 lm | 4000 K         | 487 x 362 x 120 mm | 80° - 110°   | 7,1 kg     |
| FD2006080D | 200 W | 26000 lm | 6000 K         | 487 x 362 x 120 mm | 80° - 110°   | 7,1 kg     |

Can be delivered with DALI dimming or in other special combinations against surcharge and extra delivery time. This item is normally not stock item, expect deliverytime.

SEE VARIOUS ACCESSORIES ► page 76 - 81



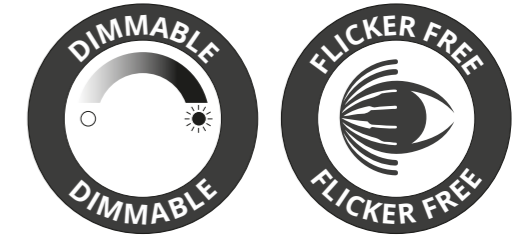
# DESIGNED FOR INDUSTRY AND AGRICULTURE

## STEALTH LED HIGH BAY LED HIGH BAY

**LED Basic High Bay** for industry and farm environment.

Simple, effective and price-efficient high bay.

**IP69** waterproof and IP69 driver.



- ✓ **LED High Bay** for industry and farm environment
- ✓ **Simple, effective and priceeffective LED High Bay**
- ✓ **Waterproof - IP69**
- ✓ **Heavy-duty, heat-dissipating aluminum housing**
- ✓ **Delivered with 1-10V dimming**

|                        |                                       |
|------------------------|---------------------------------------|
| Voltage                | 100 - 277 V.                          |
| Life Span              | 50.000 hours                          |
| Driver                 | INVENTRONICS                          |
| Lumen/Watt             | 150                                   |
| Replaceable LED+DRIVER | Only driver                           |
| Lenses                 | Glass cover, anti-corrosive           |
| Color Housing          | Black                                 |
| Frequency              | 50/60 Hz                              |
| CRI / Ra               | >80                                   |
| LED diodes             | PHILIPS SMD 3030                      |
| MacAdam step (SDCM)    | 3                                     |
| Dimmable               | YES - 1-10V                           |
| Connection             | 100 cm. 3G 1,00 mm <sup>2</sup> Cable |
| Housing material       | Aluminum                              |



| Item No.    | Watt  | Diameter | Kelvin (Color) | Lumen    | Angle/Degree | Net weight |
|-------------|-------|----------|----------------|----------|--------------|------------|
| BHB1104120D | 100 W | 435 mm   | 4000 K         | 15000 lm | 115°         | 7,1 kg     |
| BHB1106120D | 100 W | 435 mm   | 5700 K         | 15000 lm | 115°         | 7,1 kg     |
| BHB1504120D | 150 W | 435 mm   | 4000 K         | 22500 lm | 115°         | 7,1 kg     |
| BHB1506120D | 150 W | 435 mm   | 5700 K         | 22500 lm | 115°         | 7,1 kg     |
| BHB2004120D | 200 W | 435 mm   | 4000 K         | 30000 lm | 115°         | 7,1 kg     |
| BHB2006120D | 200 W | 435 mm   | 5700 K         | 30000 lm | 115°         | 7,1 kg     |

Delivered with dimming: 0-10V  
Can be delivered in special combinations against surcharge and extra delivery time

SEE VARIOUS ACCESSORIES ► page 76 - 81



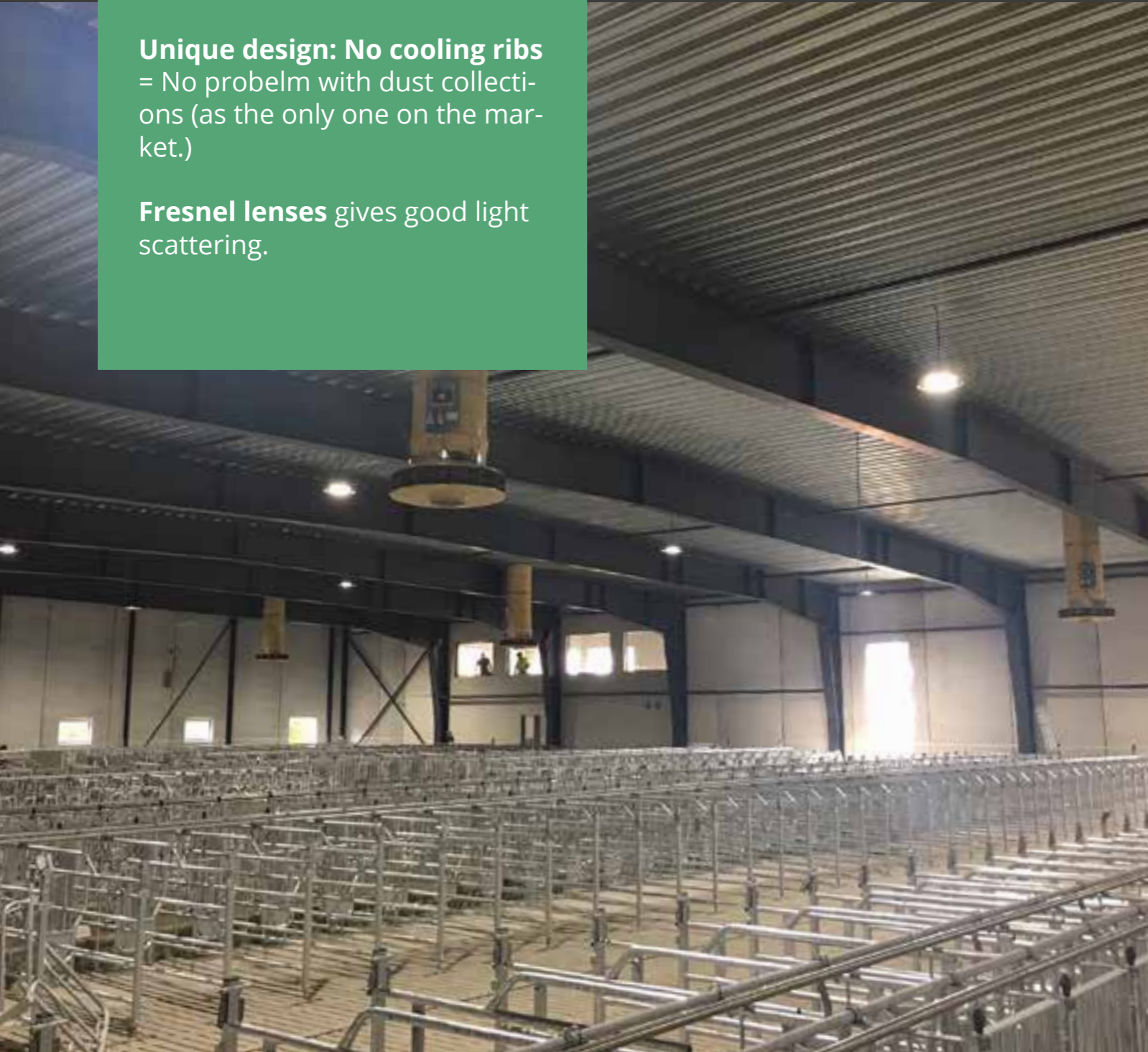
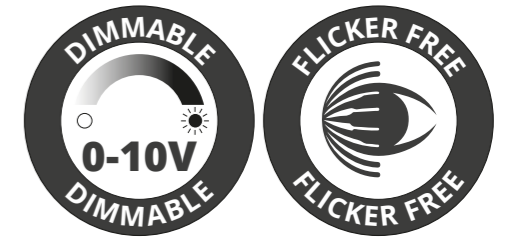
# DESIGNED FOR AGRICULTURE AND INDUSTRY

**EGGSHELL**  
LED HIGH BAY

**LED High Bay** for industry and farm environment.

**Unique design: No cooling ribs** = No problem with dust collections (as the only one on the market.)

**Fresnel lenses** gives good light scattering.



- ✓ **Unique design: no cooling ribs** = no problem with dust collection. (As the only one on the market)
- ✓ **The LED diodes are corrossions protected**, and the driver is IP67
- ✓ **Easy replacement of the driver**
- ✓ **IP65 approved** - waterproof
- ✓ **Cleaning-friendly** and suitable for industry, agriculture and the food industry
- ✓ **Strong, heat-dissipating aluminum housing**

|                          |                                     |
|--------------------------|-------------------------------------|
| Voltage                  | 100 - 277 V.                        |
| Life span                | 50.000 hours                        |
| Driver                   | INVENTRONICS                        |
| Lumen/Watt               | 135                                 |
| Replaceable LED & DRIVER | Only driver                         |
| Lenses                   | Fresnel                             |
| Housing color            | Dark Grey                           |
| Frequency                | 50/60 Hz                            |
| CRI / Ra                 | >80                                 |
| LED chips                | PHILIPS SMD3030                     |
| MacAdam step (SDCM)      | 4                                   |
| Dimmable                 | YES- optional                       |
| Connection               | 40 cm. 3G 1,00mm <sup>2</sup> kabel |
| Housing material         | Aluminum                            |

| Item No.  | Watt  | Diameter | Kelvin (Color) | Lumen    | Angle/Degree | Net weight |
|-----------|-------|----------|----------------|----------|--------------|------------|
| ES1004120 | 100 W | 490 mm   | 4000 K         | 13500 lm | 120°         | 7,1 kg     |
| ES1006120 | 100 W | 490 mm   | 5700 K         | 13500 lm | 120°         | 7,1 kg     |
| ES1504120 | 150 W | 490 mm   | 4000 K         | 20250 lm | 120°         | 7,1 kg     |
| ES1506120 | 150 W | 490 mm   | 5700 K         | 20250 lm | 120°         | 7,1 kg     |
| ES2004120 | 200 W | 490 mm   | 4000 K         | 27000 lm | 120°         | 7,1 kg     |
| ES2006120 | 200 W | 490 mm   | 5700 K         | 27000 lm | 120°         | 7,1 kg     |

Can be delivered with dimming: 0-10V  
Can be delivered in special combinations against surcharge and extra delivery time



SEE VARIOUS ACCESSORIES ► page 76 - 81



## DESIGNED FOR AGRICULTURE AND INDUSTRY

## INDUSTRY FLOODLIGHT IP66

**LED FLOODLIGHT** for industry and farm environment. Suitable for area lighting etc.

**Strong**, heat-dissipating aluminum housing with strong cooling ribs

**Robust** mounting brackets is included



- ✓ **The LED Floodlights gives excellent light scattering** and is in industry quality
- ✓ **Cleaning-friendly** and suitable for industry, agriculture and the food industry
- ✓ **IP66 approved**
- ✓ **5 year warranty**
- ✓ **Strong, heat-dissipating aluminum housing with special cooling ribs**, which minimize dust collections
- ✓ **Strong mounting** bracket is included

|                          |                                     |
|--------------------------|-------------------------------------|
| Voltage                  | 100 - 277 V.                        |
| Life span                | 50.000 hours                        |
| Driver                   | RNS, Driver on board                |
| Lumen/Watt               | 100                                 |
| Replaceable LED & DRIVER | NO                                  |
| Lenses                   | Reflector                           |
| Housing color            | Black                               |
| Frequency                | 50/60 Hz                            |
| CRI / Ra                 | >80                                 |
| LED chips                | EPISTAR                             |
| MacAdam step (SDCM)      | 4                                   |
| Dimmable                 | NO                                  |
| Connection               | 90 cm. 3G 1,00mm <sup>2</sup> cable |
| Housing material         | Aluminum                            |



SEE VARIOUS ACCESSORIES ► page 76 - 81

| Item No.  | Watt  | Lumen    | Kelvin (Color) | Dimension         | Angle/Degree | Net weight |
|-----------|-------|----------|----------------|-------------------|--------------|------------|
| RNFL0205E | 20 W  | 1000 lm  | 5000 K         | 182 x 122 x 47 mm | 120°         | 0,65 kg    |
| RNFL0505E | 50 W  | 2000 lm  | 5000 K         | 282 x 204 x 52 mm | 120°         | 1,00 kg    |
| RNFL1005E | 100 W | 3000 lm  | 5000 K         | 337 x 268 x 52 mm | 120°         | 1,20 kg    |
| RNFL1505E | 150 W | 5000 lm  | 5000 K         | 394 x 394 x 56 mm | 120°         | 1,95 kg    |
| RNFL2005E | 200 W | 10000 lm | 5000 K         | 445 x 392 x 56 mm | 120°         | 3,55 kg    |
| RNFL3005E | 300 W | 15000 lm | 5000 K         | 467 x 392 x 56 mm | 120°         | 5,30 kg    |
| RNFL4005E | 400 W | 20000 lm | 5000 K         | 503 x 545 x 64 mm | 120°         | 7,50 kg    |

Available in special combinations against surcharge and additional delivery time.  
This item is normally not a stock item, expect delivery time.

**EX LED High Bay** for industry and farm environment with Atex certification.

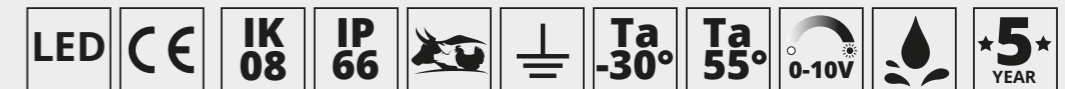
**CREE diodes and MEANWELL** driver guarantees for the quality.

**Suitable for high ceiling buildings, with applications of flammable and explosive chemical materials.**

## DESIGNED FOR AGRICULTURE AND INDUSTRY

**RNS EXPLOSION PROOF**

LED HIGH BAY - DIMMABLE



- ✓ **LED diodes are corrosions protected**, and the driver is 0-10V dimmable
- ✓ **IP66 approved** - waterproof
- ✓ **Cleaning-friendly** and suitable for "high risk" industry and agriculture
- ✓ **Strong, heat-dissipating aluminum housing with cooling ribs**
- ✓ **Atex Certification.** II2 G EX de IIC T5 Gb
- ✓ **CREE diodes and MEANWELL driver**, guarantees for good quality

|                          |                                     |
|--------------------------|-------------------------------------|
| Voltage                  | 100 - 277 V.                        |
| Life span                | 50.000 hours                        |
| Driver                   | MEANWELL HBG                        |
| Lumen/Watt               | 130                                 |
| Replaceable LED & DRIVER | Only driver                         |
| Lenses                   |                                     |
| Housing color            | Yellow                              |
| Frequency                | 50/60 Hz                            |
| CRI / Ra                 | >80                                 |
| LED chips                | CREE JK 3030                        |
| MacAdam step (SDCM)      | 5                                   |
| Dimmable                 | YES 0-10V.                          |
| Connection               | 80 cm. 3G 1,00mm <sup>2</sup> cable |
| Housing material         | Cast Aluminum                       |



| Item No.     | Watt  | Lumen    | Kelvin (Color) | Dimension | Angle/Degree | Net weight |
|--------------|-------|----------|----------------|-----------|--------------|------------|
| EXHB0604120D | 60 W  | 7800 lm  | 4000 K         | Ø 325 mm  | 120°         | 8,7 kg     |
| EXHB0606120D | 60 W  | 7800 lm  | 5700 K         | Ø 325 mm  | 120°         | 8,7 kg     |
| EXHB1004120D | 100 W | 13000 lm | 4000 K         | Ø 325 mm  | 120°         | 9,1 kg     |
| EXHB1006120D | 100 W | 13000 lm | 5700 K         | Ø 325 mm  | 120°         | 9,1 kg     |
| EXHB1504120D | 150 W | 19500 lm | 4000 K         | Ø 325 mm  | 120°         | 9,5 kg     |
| EXHB1506120D | 150 W | 19500 lm | 5700 K         | Ø 325 mm  | 120°         | 9,5 kg     |

*Can be delivered with DALI dimming or in other special combinations against surcharge and extra delivery time. This item is normally not stock item, expect deliverytime.*

SEE VARIOUS ACCESSORIES > page 76 - 81



**EX LED Luminaire** for industry and farm environment with Atex certification.

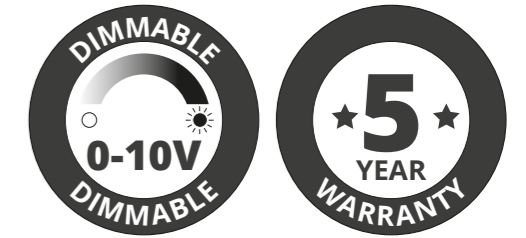
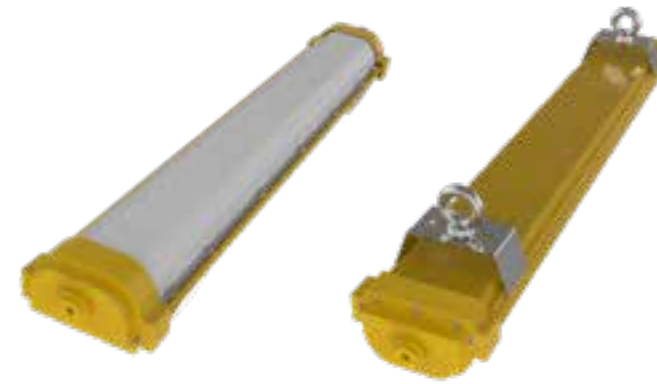
**CREE diodes and MEANWELL driver** guarantees for good quality.

**Suitable for high ceiling buildings, with applications of flammable and explosive chemical materials.**

## DESIGNED FOR AGRICULTURE AND INDUSTRY

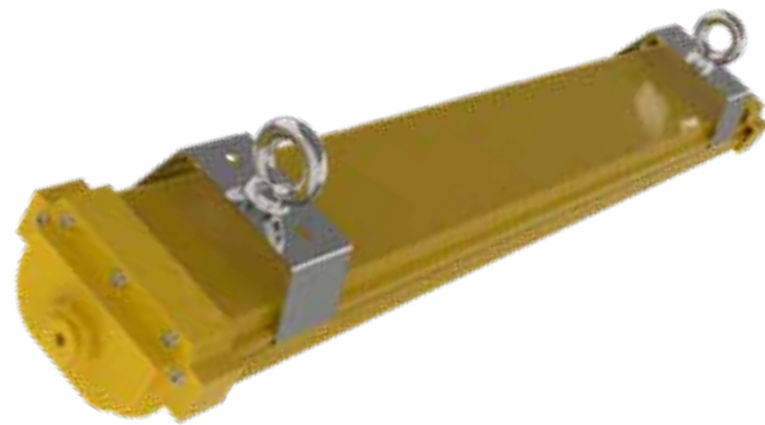
**RNS EXPLOSION PROOF**

DIMMABLE - LED LUMINAIRE



- ✓ **LED diodes are corrossions protected**, and the driver is 0-10V dimmable
- ✓ **IP66 approved** - waterproof
- ✓ **Cleaning-friendly** and suitable for "high risk" industry and agriculture
- ✓ **Strong, heat-dissipating aluminum housing with cooling ribs**
- ✓ **Atex Certification.** II2 G EX de IIC T5 Gb
- ✓ **CREE diodes and MEANWELL driver**, guarantees for good quality

|                          |                                     |
|--------------------------|-------------------------------------|
| Voltage                  | 100 - 277 V.                        |
| Life span                | 50.000 hours                        |
| Driver                   | MEANWELL                            |
| Lumen/Watt               | 130                                 |
| Replaceable LED & DRIVER | Only driver                         |
| Lenses                   |                                     |
| Housing color            | Yellow                              |
| Frequency                | 50/60 Hz                            |
| CRI / Ra                 | >80                                 |
| LED chips                | CREE JK 3030                        |
| MacAdam step (SDCM)      | 5                                   |
| Dimmable                 | YES 0-10V.                          |
| Connection               | 80 cm. 3G 1,00mm <sup>2</sup> cable |
| Housing material         | Cast Aluminum                       |



| Item No.   | Watt | Lumen   | Kelvin (Color) | Dimension          | Angle/Degree | Net weight |
|------------|------|---------|----------------|--------------------|--------------|------------|
| EXA060420D | 20 W | 2400 lm | 4000 K         | 662 x 107 x61 mm   | 120°         | 2,3 kg     |
| EXA060620D | 20 W | 2400 lm | 5700 K         | 662 x 107 x61 mm   | 120°         | 2,3 kg     |
| EXA060440D | 40 W | 4800 lm | 4000 K         | 662 x 107 x61 mm   | 120°         | 2,4 kg     |
| EXA060640D | 40 W | 4800 lm | 5700 K         | 662 x 107 x61 mm   | 120°         | 2,4 kg     |
| EXA120460D | 60 W | 7200 lm | 4000 K         | 1262 x 107 x 61 mm | 120°         | 4,4 kg     |
| EXA120606D | 60 W | 7200 lm | 5700 K         | 1262 x 107 x 61 mm | 120°         | 4,4 kg     |
| EXA120480D | 80 W | 9600 lm | 4000 K         | 1262 x 107 x 61 mm | 120°         | 5 kg       |
| EXA120680D | 80 W | 9600 lm | 5700 K         | 1262 x 107 x 61 mm | 120°         | 5 kg       |

*Can be delivered with DALI dimming or in other special combinations against surcharge and extra delivery time. This item is normally not stock item, expect deliverytime.*

SEE VARIOUS ACCESSORIES ► page 76 - 81

**LIGHT CONTROLLERS** - for LED dimming

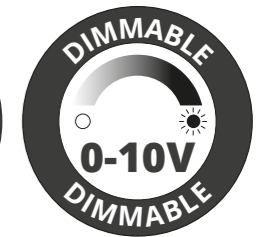
**Triac or 0-10V dimmable**

**Get a perfect** and simple dimming without flicker

**Manuel or with our light controller**

**DESIGNED FOR AGRICULTURE AND INDUSTRY**

**LIGHT CONTROLLERS**  
LED DIMMING



- ✓ **Manuel**
- ✓ **Analogue**
- ✓ **0-10V - signal from our light controller**
- ✓ **Triac or 0-10V dimming**
- ✓ **AS 485 (MODBUS) Signal**
- ✓ **SLS: Sunrise/Sundown simulation**
- ✓ **CE approved**

|                           |                                    |
|---------------------------|------------------------------------|
| Voltage                   | 230 V. +/- 10 % max. 50/60 Hz      |
| Preliminary Fuse          | 16 A max.                          |
| Power Consumption         | 2,5 W.                             |
| Max. Watt                 | 1200 W.                            |
| Dissipation Power         | 5,35 W.                            |
| Permitted ambient temp.   | -10° C to +45° C                   |
| Permitted storage temp.   | -10° C to +65° C                   |
| Terminal clamp            | 0,75 to 2,5mm <sup>2</sup>         |
| Protection class          | IP 20                              |
| Mounting method           | DIN rail                           |
| 0-10 VDC Analogue input   | 1,5 mA, suitable for potentiometer |
| RS 485 interface          | YES                                |
| Max load LED - Watt usage | 1200 W. LED Luminaires             |



| Item No. | Product                  | Signal                       | Load                      |
|----------|--------------------------|------------------------------|---------------------------|
| CEPU1500 | DIMMER                   | 0-10 V ANALOG / MAN / MODBUS | UO TO 40 PCS. MODULAR 25W |
| CTHOCL1  | SUNRISE LIGHT CONTROLLER | OUTPUT: 0-10 V               | 2 PCS. CEPU1500 DIMMER    |

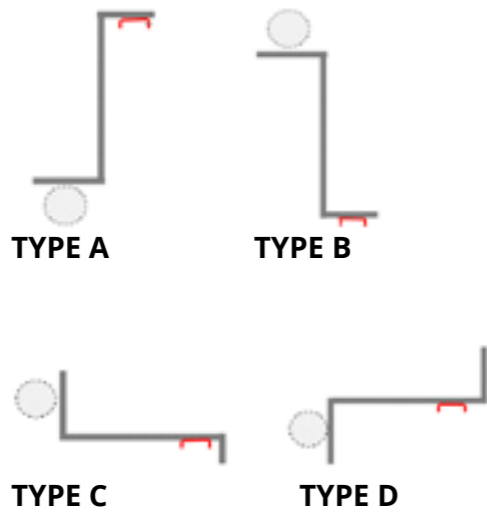
*This item is normally not stock item, expect extra delivery time.*



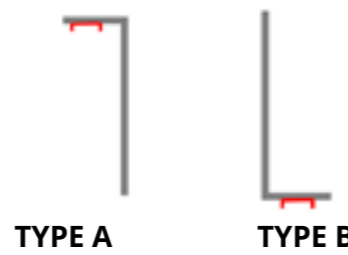
SOW-LIGHT™ MOUNTING BRACKETS

| Item No. | Product               | Dimension        | Description                       |
|----------|-----------------------|------------------|-----------------------------------|
| B0001    | S - BRACKET           | 25x80x350x150 mm | 4 mm. galvanized                  |
| B000338  | U - CLAMP             | 38 mm            | U-Clamp for mounting of B0001     |
| B000351  | U - CLAMP             | 51 mm            | U-Clamp for mounting of B0001     |
| B000364  | U - CLAMP             | 64 mm            | U-Clamp for mounting of B0001     |
| B0002    | Angle brackets        | 20 x 55 x 85 mm  | 2 mm Stainless Steel Multibracket |
| W0051    | Screw - self-drilling | 5,5 x 16 mm      | Stainless Steel A2                |
| W0054    | Screw - self-drilling | 5,5 x 45 mm      | Stainless Steel A2                |
| W0009    | Screw - self-drilling | 4,2 x 19 mm      | Stainless Steel A2                |

B0001 S-BRACKETS FOR SOW STALLS

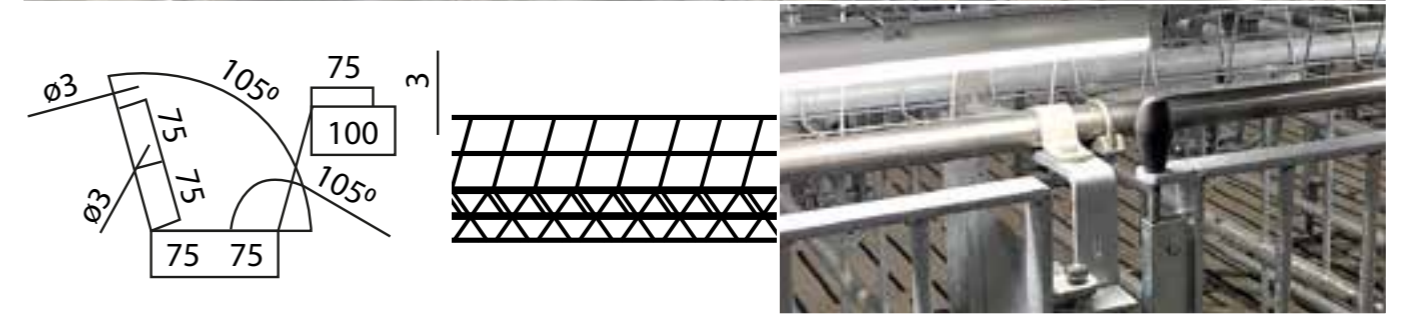


B0002 MULTI ANGLEBRACKET



SOW-LIGHT™ STRAWRACK

| Item No. | Product                     | Dimension    | Description                                   |
|----------|-----------------------------|--------------|---|
| D0025    | RNS Strawrack for SOW-LIGHT | 1900 mm      | 3 mm. hot galvanized wire. Masks 75 x 100 mm. |
| FCB76    | Powerful Cable Binders      | 7,6 X 300 mm | For mounting of STRAWRACK                     |
| FCB48    | Cable Binders               | 4,8 x 215 mm | Cable Binders for fixing Cables etc.          |



FITTINGS FOR MOUNTING OF RNS PLUG ´ N PLAY™ - FIXTURES ON BRACKETS

| Item No. | Product               | Dim.        | Fits to luminaire                | Material           | Color     |
|----------|-----------------------|-------------|----------------------------------|--------------------|-----------|
| D0003    | Screw fittings        | 20 x 48 mm  | MODULAR-LIGHT/DA-NISH FARM-LIGHT | Aluminium          | Alu. grey |
| D0006    | Click fittings        | 16 x 57 mm  | MODULAR-LIGHT                    | PVC                | Grey      |
| D0007    | Click fittings        | 16 x 49 mm  | BASIC FARM-LIGHT                 | PVC                | Grey      |
| W0054    | Screw - self-drilling | 5,5 x 45 mm |                                  | Stainless Steel A2 |           |
| W0012    | Bolt                  | 5 x 16 mm   |                                  | Stainless Steel A2 |           |
| W0013    | Nut                   | M5          |                                  | Stainless Steel A2 |           |
| W0017    | Bolt                  | 6 x 25 mm   |                                  | Stainless Steel A2 |           |
| W0018    | Nut                   | M6          |                                  | Stainless Steel A2 |           |



Choose between LED luminaires - **RNS FARM-Light** or **RNS MODULAR-Light**, see product pages. In addition, the **SOW-Light™** concept consists of 40 cm intermediate cables (F040P) between each luminaire.

In each row an additional 1 piece start cable 150 or 300 cm. (F150POE or F300P) and end plug (D0001). See page 80-81 for: **RNS SYSTEM CABLES - CABLES AND ACCESSORIES**

FITTINGS FOR MOUNTING OF RNS PLUG ´ N PLAY™ - FIXTURES ON RNS STRAWRACK

| Item No. | Product        | Dim.       | Fit to luminaire | Material           | Color     |
|----------|----------------|------------|------------------|--------------------|-----------|
| D0003    | Screw fittings | 20 x 48 mm | MODULAR-LIGHT    | Aluminum           | Alu. grey |
| D0006    | Click fittings | 16 x 57 mm | MODULAR-LIGHT    | PVC                | Grey      |
| D0007    | Click fittings | 16 x 49 mm | BASIC FARM-LIGHT | PVC                | Grey      |
| W0012    | Bolt           | 5 x 16 mm  |                  | Stainless Steel A2 |           |
| W0013    | Nut            | M5         |                  | Stainless Steel A2 |           |
| W0017    | Bolt           | 6 x 25 mm  |                  | Stainless Steel A2 |           |
| W0018    | Nut            | M6         |                  | Stainless Steel A2 |           |



Choose between LED luminaires - **RNS FARM-Light** or **RNS MODULAR-Light**, see product pages. In addition, the **SOW-Light™** concept consists of 40 cm intermediate cables (F040P) between each luminaire.

In each row an additional 1 piece start cable 150 or 300 cm. (F150POE or F300P) and end plug (D0001). See page 80-81 for: **RNS SYSTEM CABLES - CABLES AND ACCESSORIES**

WIRE MOUNTING

| Item No. | Product                     | Dimension               | Description                                |
|----------|-----------------------------|-------------------------|--|
| W0001    | Wire                        | 3 mm                    | Stainless                                  |
| W0011    | Piano Wire                  | 2 mm                    | Stainless Steel A2                         |
| W0002    | Threaded bar                | 10 x 1000 mm            | Stainless Steel A4                         |
| W0003    | Turnbuckle                  | 8 mm                    | Stainless Steel A2                         |
| W0004    | Wirelock                    | 4 mm                    | Stainless Steel A2                         |
| W0006    | Eye nut                     | 6 mm                    | Hot galvanized                             |
| W000610  | Eye nut                     | 10 mm                   | Hot galvanized                             |
| W0007    | Square Plate                | 40 x 40 mm - Ø13 mm hul | Stainless Steel A2                         |
| W0008    | Nut                         | 10 mm                   | Stainless Steel A2                         |
| W0040    | FISCHER injection glue      | 300 ml                  | Glue for e.g. threaded bar, incl. 1 Spigot |
| W0042    | FISCHER extra mixing Spigot |                         | 1 pcs.                                     |

ACCESSORIES FOR WIRE MOUNTING AND FASTENING



CHAINS FOR E.G. SUSPENSION OF HIGH BAY AND WIRE STRIPPING

| Item No. | Product | Dimension | Description                         | Material           | Color     |
|----------|---------|-----------|-------------------------------------|--------------------|-----------|
| W0030    | Chain   | 3 mm      | E.G. wire stripping                 | Hot-dip galvanized | Alu. grey |
| W0032    | Chain   | 4 mm      | E.G. suspension of High Bay         | Stainless          | Grey      |
| W0036    | Shackle | 6 mm      | Universal shackle e.g. for High Bay | Stainless Steel A2 | Grey      |



UNIVERSAL ANGLE BRACKET

| Item No. | Product               | Dimension       | Description                          | Material           |
|----------|-----------------------|-----------------|--------------------------------------|--------------------|
| B0002    | Angle bracket         | 20 x 55 x 85 mm | Multi Angle bracket e.g. for Fixture | Stainless          |
| W0009    | Screw - self-drilling | 4,2 x 19 mm     | Universal                            | Stainless Steel A2 |
| W0051    | Screw - self-drilling | 5,5 x 16 mm     | Universal                            | Stainless Steel A2 |
| W0054    | Screw - self-drilling | 5,5 x 45 mm     | Universal                            | Stainless Steel A2 |

B0002 UNIVERSIAL ANGLE BRACKET



CLICK ´N PLAY™ BRACKET

| Item No. | Product               | Dimension   | Fits for tube | Material           | Color |
|----------|-----------------------|-------------|---------------|--------------------|-------|
| B000432  | Click ´n Play***      | 32 mm       | 32 mm tube    | PVC                | Black |
| B000450  | Click ´n Play***      | 50 mm       | 50 mm tube    | PVC                | Black |
| B000463  | Click ´n Play***      | 63 mm       | 63 mm tube    | PVC                | Black |
| W0012    | Bolt                  | 5 x 16 mm   |               | Stainless Steel A2 |       |
| W0013    | Nut                   | M5          |               | Stainless Steel A2 |       |
| W0017    | Bolt                  | 6 x 25 mm   |               | Stainless Steel A2 |       |
| W0018    | Nut                   | M6          |               | Stainless Steel A2 |       |
| W0054    | Screw - self-drilling | 5,5 x 45 mm |               | Stainless Steel A2 |       |
| W0061    | Screw for ceiling     | 6 x 70 mm   |               | Stainless Steel A2 |       |



\*\*\* Mounting brackets for luminaire is not included

CEILING DIRECT™ PLUGS

| Item No. | Product              | Dimension | Fits for                                    | Material     | Color |
|----------|----------------------|-----------|---|--------------|-------|
| W0020*   | FISCHER Ceiling plug | 31 mm     | Wooden concrete/ sandwich/plasterboard etc. | Galvanized   | Black |
| W0024    | Screw                | 5 x 30 mm | Ceiling plug                                | Stainless A2 | Black |



\* Mounting fitting fittings etc. directly in pure ceilings, without further reinforcement



STRIPS / CABLE BINDERS

| Item No. | Product                    | Dimension    | Description                               | Material     | Color |
|----------|----------------------------|--------------|---|--------------|-------|
| FCB76    | Extra strong CABLE BINDERS | 7,6 X 300 mm | Cable Binder for assembly                 |              | Black |
| FCB48    | CABLE BINDERS              | 4,8 x 215 mm | Cable Binder for fastening of cables etc. | Stainless A2 | Black |



## Easy installation with our price-efficient RNS Plug´N Play™, which can be installed and mounted by anyone



Our RNS Plug´N Play™ System is CE approved and the plugs can be mounted and installed by anyone. – It is a system luminaire with belonging cables, which means that everyone can mount and install with our start cable in a power outlet. The RNS Plug´N Play™ plugs are all cast together, so that they withstand moisture and ammonia, and furthermore all plugs are waterproof and with O-ring.

All our cables is available with or without rodent protection and in different lengths, in addition they can be also be wire mounted or in the ceiling with associated cable rail. The cables are 3G 1,5mm<sup>2</sup> and are therefore also approved to "Fixed Installation". - Our luminaires for "Fixed Installation" must be installed by an electrician.

### RNS PLUG´N PLAY™ CABLES

| Item No. | Lengths in cm | No of conductors & dim. | Outside diameter | Start plug       | End plug                | Color | Special              |
|----------|---------------|-------------------------|------------------|------------------|-------------------------|-------|----------------------|
| F040P    | 40            | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | RNS 3-male       | RNS plug 3-female       | Grey  | Steel mesh           |
| F150P    | 150           | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | RNS 3-male       | RNS plug 3-female       | Grey  | Steel mesh           |
| F300N    | 300           | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | RNS 3-male       | RNS plug 3-female       | Grey  |                      |
| F300P    | 300           | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | RNS 3-male       | RNS plug 3-female       | Grey  | Steel mesh           |
| F450N    | 450           | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | RNS 3-male       | RNS plug 3-female       | Grey  |                      |
| F450P    | 450           | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | RNS 3-male       | RNS plug 3-female       | Grey  | Steel mesh           |
| F600N    | 600           | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | RNS 3-male       | RNS plug 3-female       | Grey  |                      |
| F600P    | 600           | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | RNS 3-male       | RNS plug 3-female       | Grey  | Steel mesh           |
| F150POE  | 150           | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | Stripped wiring  | RNS plug 3-female       | Grey  | Steel mesh-start     |
| F100SC   | 100           | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | SCHUKO plug      | RNS plug 3-female       | Black | Start cable          |
| FY20N    | 3 X 20        | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | RNS 3 -male x 1  | RNS plug 3 - female x 2 | Grey  | Y-split              |
| FY20P    | 3 X 20        | 3G 1,5mm <sup>2</sup>   | 9,5 mm           | RNS 3 - male x 1 | RNS plug 3 - female x 2 | Grey  | Steel mesh - Y-split |
| FD0003   |               |                         |                  |                  |                         | Grey  |                      |



## RNS PLUG´N PLAY™



### RNS CABLE RAIL



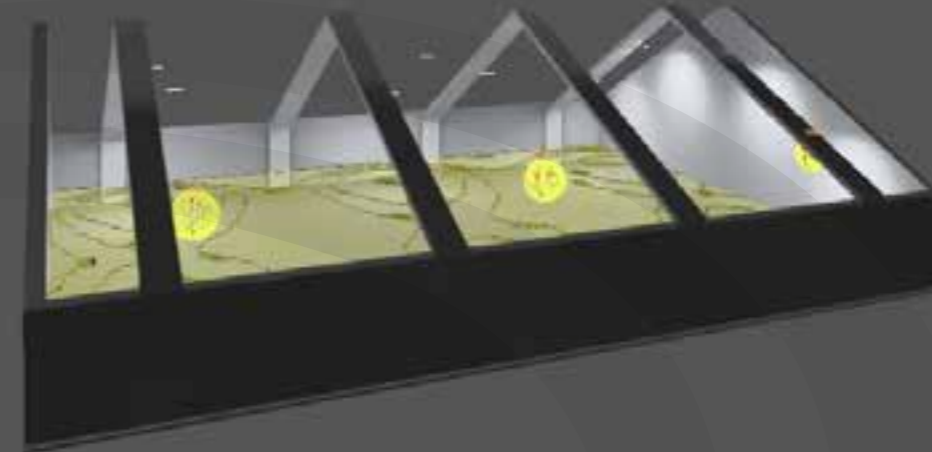
### RNS ACCESSORIES FOR PLUG´N PLAY™ CABLES

| Item No. | Product                   | Dimension   | Miscellaneous                    | Color | Special                    |
|----------|---------------------------|-------------|----------------------------------|-------|----------------------------|
| D0001    | End plug for cable        |             | For RNS plug 3                   | Grey  | PVC                        |
| KF0009JR | RNS Cable Clamp           | 9 mm        |                                  |       | Stainless Steel – A2       |
| KF6186HM | RNS Cable rail            | 9-11 mm     |                                  | Grey  | PVC                        |
| W0057    | Screw - self-drilling     | 3,5 x 19 mm | Mounting of rail KF6186HM        |       | Stainless Steel – A2       |
| W0009    | Screw - self-drilling     | 4,2 x 19 mm | Mounting of cable clamp KF0009JR | Blank | Stainless Steel – A2       |
| F0002    | START PLUG DK 3 LEG       | L + N + G   |                                  | RED   | Purchase to F150POE        |
| F0003    | START PLUG SHUCKO         | L + N + G   |                                  | WHITE | Purchase to F150POE        |
| F0004    | START PLUG CEE 16A        | L + N + G   |                                  | BLUE  | Purchase to F150POE        |
| F0100    | START PLUG MOUNTING       |             |                                  |       | Optional assembly          |
| D0004    | PROLAN Contact Lubricants | 100 g.      |                                  |       | Used preventive for plug´s |

### START PLUG



# PROFESSIONAL LIGHT CALCULATION



## **Get a free professional and complete light calculation, which helps you to find the best possible solution.**

It is very important for us at RN Solutions ApS, that our customers gets the absolute best service.

We offer to make a free professional and complete light calculation, which can help you to find the best possible solution.

The Light Calculation comes with a adequate documentation along with a complete and noncommittal offer, so that you know exactly what you need.

The Light Calculation is calculated based on the dimensions of your building, farm, project etc. That way you get the most optimal solution for your particular need.

In the accompanying documentation, there will be a description of which luminaires/ lamps we recommend, as well as how many are needed to achieve the most optimal lighting of the area. - You will also find amount of lux, mounting height, maintenance factor etc.

You are more than welcome to contact us for further information either by e-mail: [info@rnsolutions.dk](mailto:info@rnsolutions.dk) or by phone: +45 9838 5995.

We are always ready for a noncommittal talk.





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