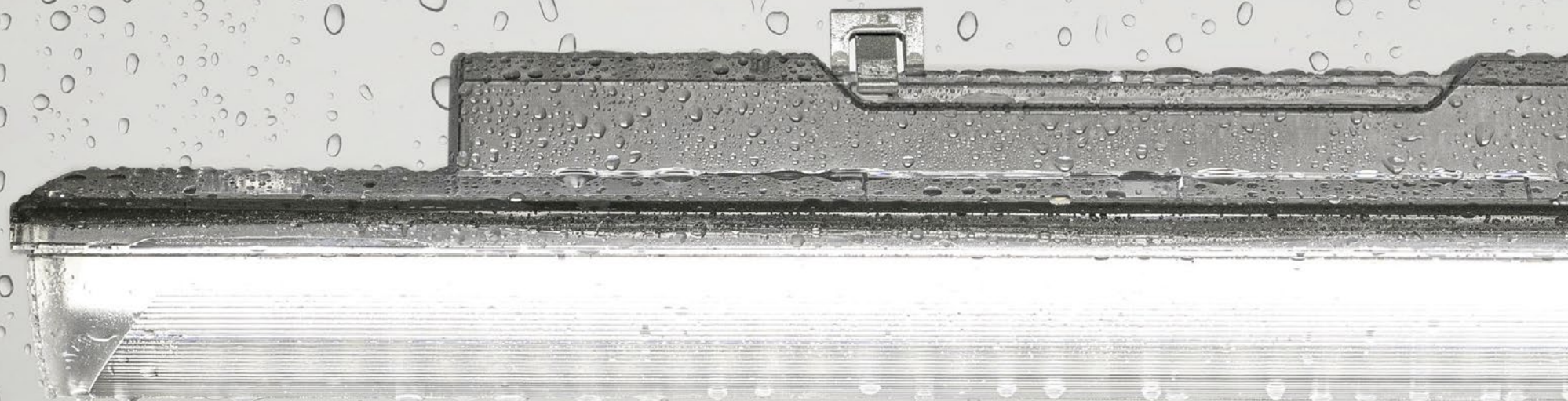


# INOVA

PLUG AND PLAY



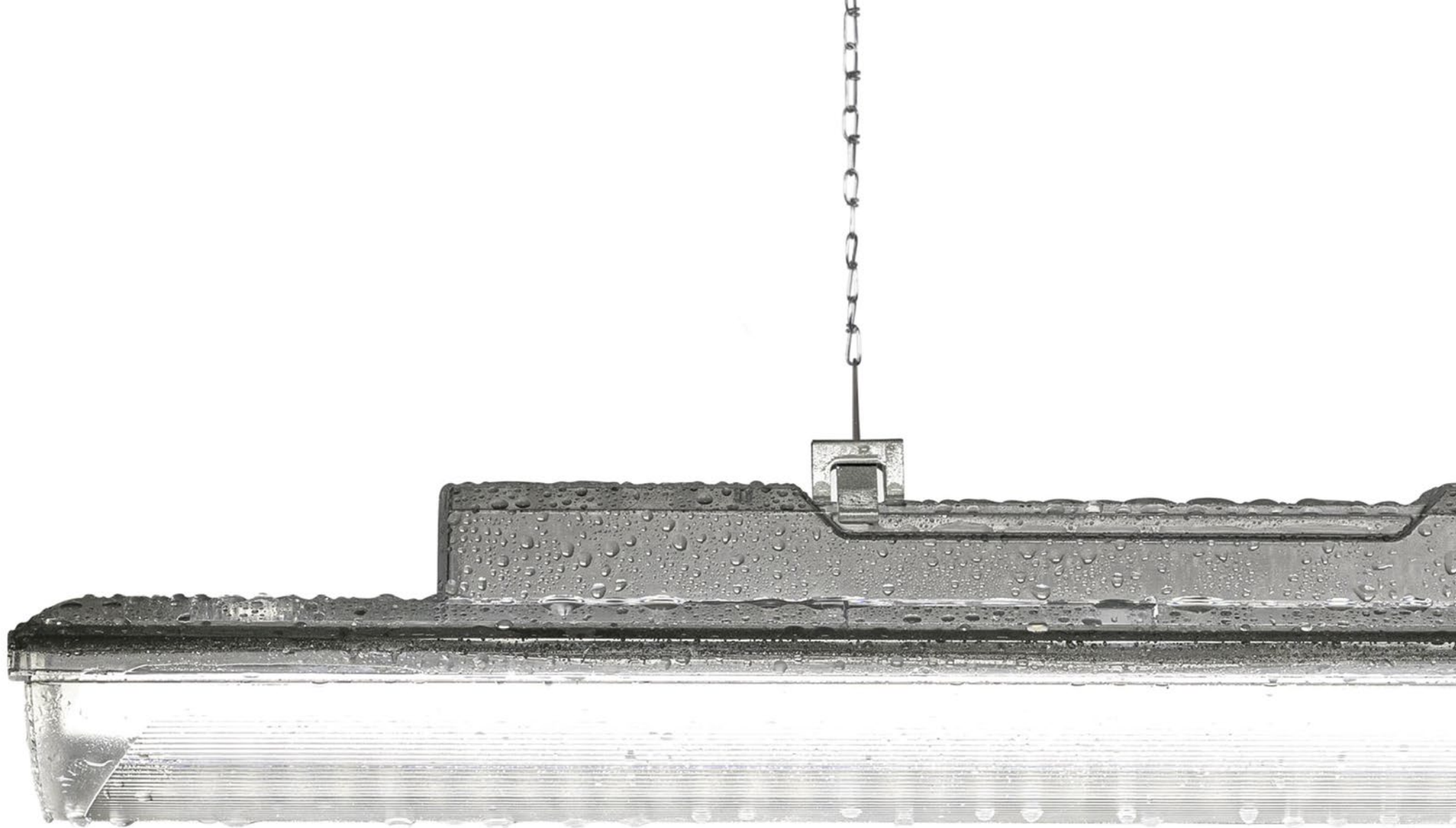
TREVOOS

Do you want to change your traditional lighting into LEDs?

**INNOVA**, IP66-moisture-proof luminaire, is a simple, low-cost and extremely fast solution for relamping and lighting redesign.

Innova is ready-made luminaire with smart connectors and flexible ceiling brackets.

The electrical connection is made from outside and the installation is done either on the ceiling via a trunking (cable tray) system.



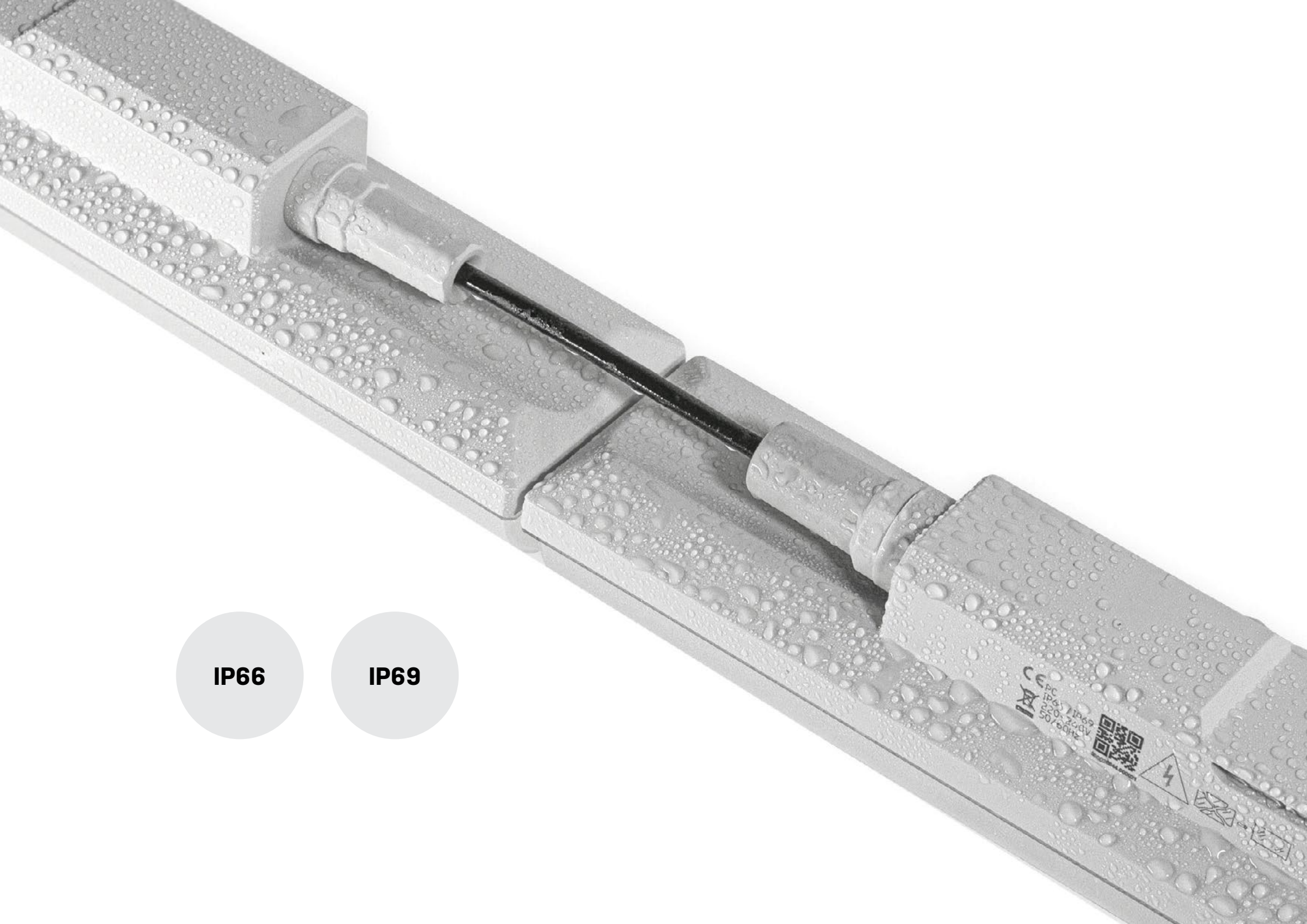
# WHY?

## SMART CONNECTORS

Easy connection in less than **6 MINUTES**

No need to open the entire luminaire  
just **PLUG and PLAY.**





**IP66**

**IP69**



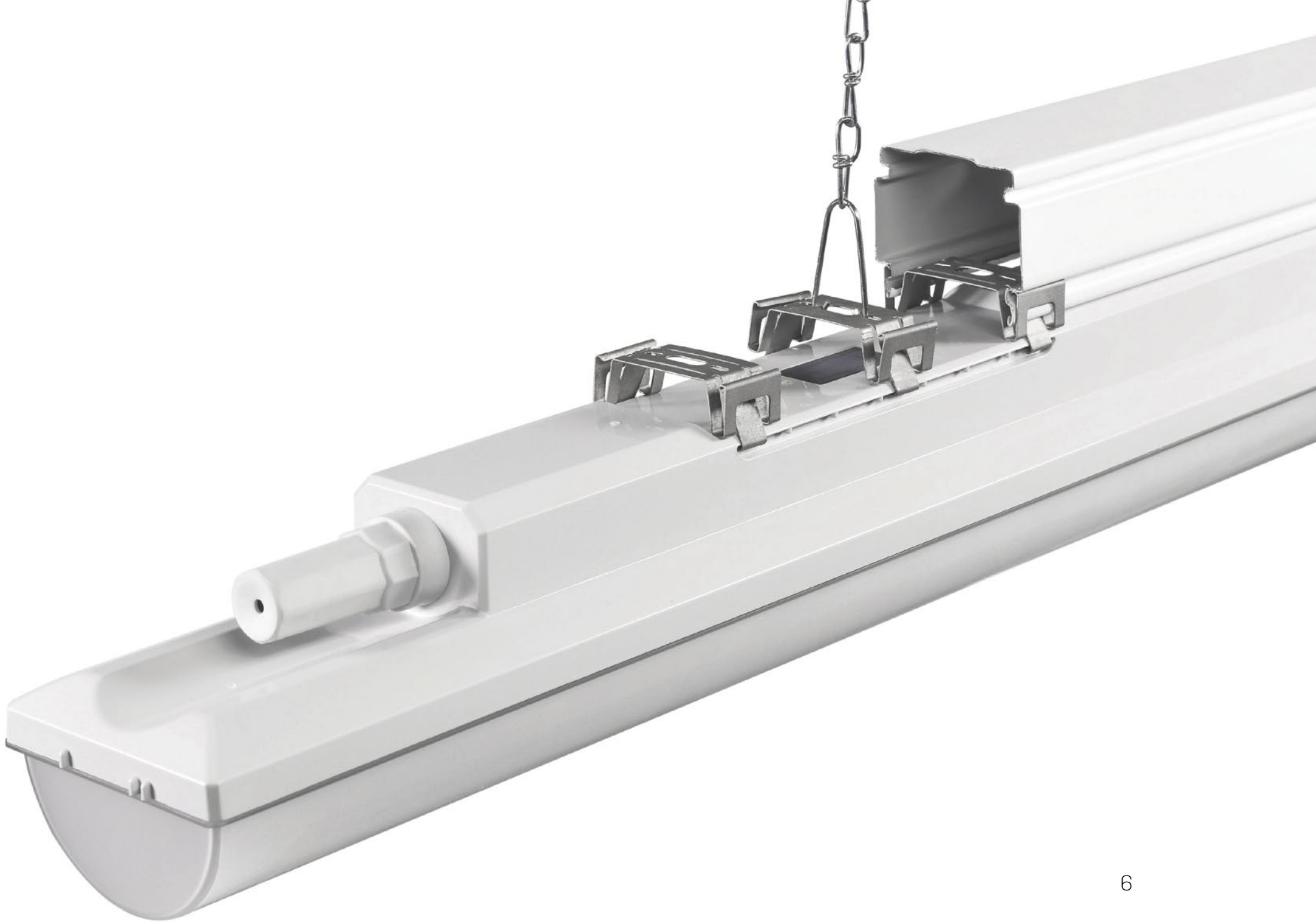
# WHY?

## MULTIFUNCTIONAL BRACKET

With its newly redesigned bracket it is perfect for **CONTINUOUS ROW** lighting system - TRUNKING (CABLE TRAY) system.

Fits to general continuous row solution of 60 mm width.

Perfect for **LINE MOUNTING**.



**INDUSTRIAL BUILDINGS,  
FAIR TRADE HALLS,  
GARAGES,  
WAREHOUSES AND  
TUNNELS**





**CAR PARK APPLICATIONS,  
TRANSPORT TERMINALS AND  
OUTDOOR SPACES  
(EVEN WITHOUT SHELTER)**





# **FOODSTUFF PRODUCTION AND FOOD STORAGE**

Foodstuff industry is characterized by extreme temperature conditions and high levels of humidity.

INNOVA complies with HACCP regulations to fulfill stringent hygienic and safety technical standards for the food industry.

INNOVA with IK10 and unopenable housing prevents dust and moisture penetration and can be completely cleaned with pressure washers (IP 69).





# **FARMS AND AGRICULTURAL FACILITIES**

Innova ABS is ammonia resistant.

It has been approved by the German Agricultural Society.

INNOVA with IK10 and unopenable housing prevents dust and moisture penetration and can be completely cleaned with pressure washers (IP 69).

Optional version with red LED chips for cowhouses - red night lights don't disturb the sleep cycles of cows and can be used to facilitate cow movement and observation during darkness.  
Optional version with blue LED chips for poultry farms - blue light has a calming effect and significantly reduces aggressive behaviour in poultry.





# BENEFITS:

Fast and simple connection in 6 minutes with simple tools  
Installation under the supervision of just one electrician and a team of unskilled workers.

No damage on the internal electronics during installation.  
Extremely reliable unopenable luminaire – even in extreme conditions.

Economically very attractive luminaire.  
Low cost and money saving solution.

Smart for RELAMPING and LIGHTING REDESIGN  
Product of professionals with 30 years experience in weatherproof industrial lighting.



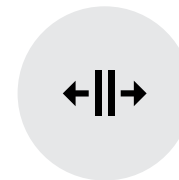
SIMPLE  
INSTALLATION



100% QUALITY  
CONTROL



IP 66  
IP 69



VARIABLE  
MOUNTING PITCH





## THE COST OF THE INSTALLATION OF 120 LUMINAIRES PCS

| PARAMETERS               | STANDARD<br>CONNECTION | <b>INNOVA</b>      | ADVANTAGES<br>AND BENEFITS                   |
|--------------------------|------------------------|--------------------|--|
| ASSEMBLE TO:             | Terminal block         | Connector          | VERY EASY ASSEMBLY                           |
| WHO CONNECTS THE LIGHTS? | Electrician            | Assembler          | NO NEED<br>FOR QUALIFICATIONS                |
| WHAT IS THE FEE?         | 25 – 55 € per hour     | 17 – 30 € per hour | 8 – 25 € SAVED                               |
| TIME EXPENDITURE         | 60 hours               | 30 hours           | 50 % TIME SAVED                              |
| COST OF ASSEMBLY         | 1500 – 3300 €          | 510 – 900 €        | 990 – 2400 € SAVED<br>66 – 72,8 % COST SAVED |



# TECHNICAL FEATURES:

High quality and controlled production process

Strong performance up to 150 lm/W

Service life 50 000 hours (L90)

EU sourced high quality plastic materials with a guarantee of UV stabilization

Non-dismountable housing for minimalization of risks of dust and moisture penetration

LED diode protection against damage during installation

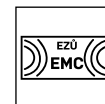
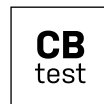
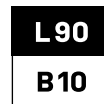
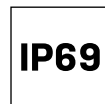
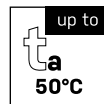
Very high protection of IP66 and IP69

Impact resistance of IK10

High performance - temperature resistance up to 50°C

Built-in ventilation membrane for minimalization of internal condensation

HACCP and DLG conformity







## **ONE MATERIAL:**

One material - one housing for full resistance during any physical expansion caused by changes in temperature

ABS / ABS - PC / PC - TRS PC / PC

## **BODY:**

ABS for chemically aggressive environments with ammonia, fats, oils, acids and alkalis

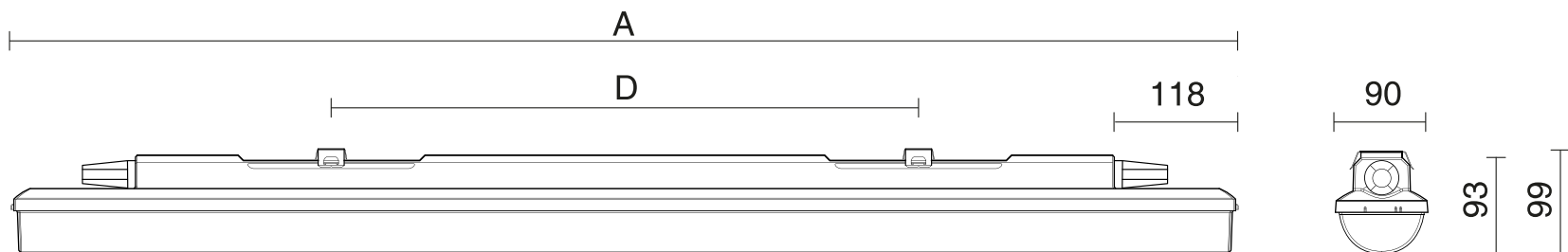
PC for general usage and impact resistance.  
Transparent (TRS) PC for low ceilings in indoor parking areas

## **DIFFUSER:**

Variation of diffuser's technology:  
TRANSLUCENT PC or ABS  
TRANSPARENT PC or ABS with Fresnel lenses for special wide or narrow beam applications



**ONE MATERIAL**



| INNOVA ABS                 | Ambient temperature [°C] | Luminous flux of LED modules [lm] | Luminous flux of tight fitting [lm] | Power consumption [W] | System efficacy [lm/W] | Net weight [kg] | A [mm] | D [mm]    |
|----------------------------|--------------------------|-----------------------------------|-------------------------------------|-----------------------|------------------------|-----------------|--------|-----------|
| INNOVA 1.4ft ABS 2600/840  | 50                       | 2580                              | 2400                                | 16                    | 150                    | 1,5             | 1175   | 420 - 700 |
| INNOVA 1.4ft ABS 3200/840  | 50                       | 3110                              | 2890                                | 20                    | 145                    | 1,5             | 1175   | 420 - 700 |
| INNOVA 1.4ft ABS 4400/840  | 45                       | 4350                              | 4050                                | 27                    | 150                    | 1,5             | 1175   | 420 - 700 |
| INNOVA 1.4ft ABS 6400/840  | 45                       | 6260                              | 5820                                | 38                    | 153                    | 1,5             | 1175   | 420 - 700 |
| INNOVA 1.4ft ABS 8800/840  | 40                       | 8710                              | 8100                                | 51                    | 159                    | 1,6             | 1175   | 420 - 700 |
| INNOVA 1.5ft ABS 3250/840  | 50                       | 3240                              | 3010                                | 20                    | 151                    | 1,8             | 1455   | 700 - 980 |
| INNOVA 1.5ft ABS 4000/840  | 50                       | 3880                              | 3610                                | 24                    | 150                    | 1,8             | 1455   | 700 - 980 |
| INNOVA 1.5ft ABS 5500/840  | 45                       | 5420                              | 5040                                | 33                    | 153                    | 1,8             | 1455   | 700 - 980 |
| INNOVA 1.5ft ABS 8000/840  | 45                       | 7740                              | 7200                                | 45                    | 160                    | 1,8             | 1455   | 700 - 980 |
| INNOVA 1.5ft ABS 11000/840 | 40                       | 12050                             | 11210                               | 71                    | 158                    | 1,9             | 1455   | 700 - 980 |

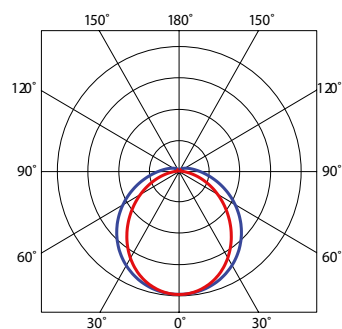
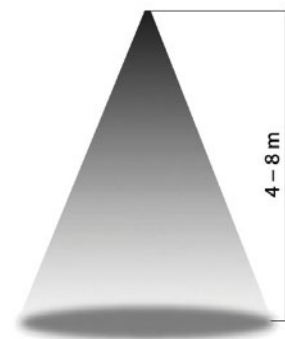
## INNOVA NB ABS

|                              |    |      |      |    |     |     |      |           |
|------------------------------|----|------|------|----|-----|-----|------|-----------|
| INNOVA 1.4ft NB ABS 4400/840 | 45 | 4350 | 3830 | 27 | 142 | 1,5 | 1175 | 420 - 700 |
| INNOVA 1.4ft NB ABS 6400/840 | 45 | 6260 | 5510 | 38 | 145 | 1,5 | 1175 | 420 - 700 |
| INNOVA 1.5ft NB ABS 5500/840 | 45 | 5420 | 4770 | 33 | 145 | 1,8 | 1455 | 700 - 980 |
| INNOVA 1.5ft NB ABS 8000/840 | 45 | 7740 | 6810 | 45 | 151 | 1,8 | 1455 | 700 - 980 |

## INNOVA WB ABS

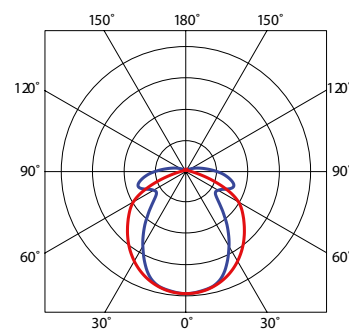
|                              |    |      |      |    |     |     |      |           |
|------------------------------|----|------|------|----|-----|-----|------|-----------|
| INNOVA 1.4ft WB ABS 2600/840 | 50 | 2580 | 2270 | 16 | 142 | 1,5 | 1175 | 420 - 700 |
| INNOVA 1.4ft WB ABS 3200/840 | 50 | 3110 | 2740 | 20 | 137 | 1,5 | 1175 | 420 - 700 |
| INNOVA 1.4ft WB ABS 4400/840 | 45 | 4350 | 3830 | 27 | 142 | 1,5 | 1175 | 420 - 700 |
| INNOVA 1.4ft WB ABS 6400/840 | 45 | 6260 | 5510 | 38 | 145 | 1,5 | 1175 | 420 - 700 |
| INNOVA 1.5ft WB ABS 3250/840 | 50 | 3240 | 2850 | 20 | 143 | 1,8 | 1455 | 700 - 980 |
| INNOVA 1.5ft WB ABS 4000/840 | 50 | 3880 | 3410 | 24 | 142 | 1,8 | 1455 | 700 - 980 |
| INNOVA 1.5ft WB ABS 5500/840 | 45 | 5420 | 4770 | 33 | 145 | 1,8 | 1455 | 700 - 980 |
| INNOVA 1.5ft WB ABS 8000/840 | 45 | 7740 | 6810 | 45 | 151 | 1,8 | 1455 | 700 - 980 |

# INNOVA



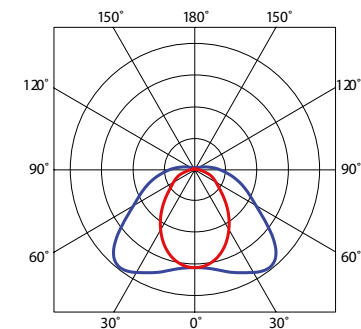
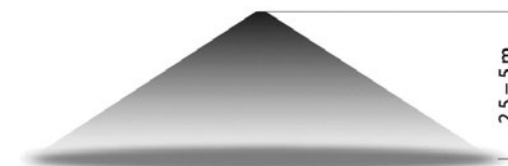
# INNOVA NB

Narrow beam



# INNOVA WB

Wide beam









**TRE≡VOS**

**TREVOS, a.s.**

Nova Ves 34  
511 01 Turnov  
Czech Republic

**Phone:** +420 481 363 319  
+420 481 363 387

**Email:** [trevos@trevos.cz](mailto:trevos@trevos.cz)



[www.trevos.cz](http://www.trevos.cz)