INNOVA SR ABS

NEW



... sulphur resistant, chemically resistant.

USE

Closed and non-dismountable light fitting according to the standard ČSN EN 60598-1 part 4 intended for chemically challenging or agricultural premises with incidence of vapours like ammonia, lye, alkaline compounds and hot water (hydrolysis). The light fitting is suitable particularly for **agricultural and industrial buildings like farms, stables, production and warehouse premises, car wash units and laboratories** without explosion hazard. The structural design of the light fitting (IP69) allows even placement in food-processing industry - HACCP.

The light fitting resists dust, humidity and washing with spouting water up to 80 °C. The body and the diffuser made of ABS material have high chemical resistance.

An **external terminal block** makes it easy and quick to connect the supply cable.

Emissions in the environment of use may reduce the usability of the plastics; for more information see page 421.

ADVANTAGES

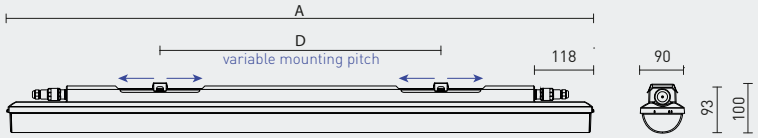
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from t_a = -25 °C to **t_a = 50 °C**
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- High chemical resistance
- **Variable suspension pitch**; optional installation of light fitting even on an existing structure on which the original light fittings were suspended
- **External terminal block makes it easy to connect the supply cable**
- **Chips with high sulphur resistance**
- Optional arrangement of light fittings in line without gaps
- **Fully automatic 100% control of functionality and tightness (leak test) during production**
- Easy cleaning and maintenance without need of replacing the light sources
- Eliminated risk of mechanical and electrostatic damage to LED chips
- Optional throughwiring (up to 5 wires inside the light fitting)
- Optional delivery in dimmable version
- Certificates: **ESČ, ENEC, CB, DLG, HACCP**

INNOVA SR ABS

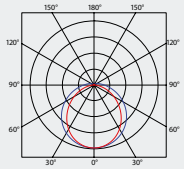


TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **t_a = 50 °C**
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- Maximum light fitting efficiency: 167 lm/W
- CRI > 80: 4000 K – standard
- CRI > 80: 3000 K, 5000 K, 6500 K - on request
- CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K - on request
- MacAdam = 3 SDCM
- Diffuser: translucent ABS (high chemical resistance, UV stability)
- Body: dark grey ABS (high chemical resistance, UV stability)
- Snap-in mounting clips: stainless steel
- Ventilation membrane in the base eliminating vacuum and condensate build-up
- 3 or 5-pole **external terminal block**, conductor cross-sectional area: 1.5 or 2.5 mm2
- Fittings may be **lined with zero distance** between them
- Optional constant luminous flux (CLO) in DALI version
- Electric equipment: LED modules, fixed output driver or DALI driver
- The package includes: stainless hooks and stainless brackets
- The values stated for power consumption and luminous flux are in a tolerance of ± 7,5 %



INNOVA SR ABS 1.5ft



Type	Max, ambient temperature [°C]	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]	A [mm]	D [mm]
Up to ambient temperature t_a = 50 °C - body: dark grey ABS - diffuser: translucent ABS								
INNOVA 1.4ft SR ABS 3200/840	50	3430	3120	19,2	163	1,5	1175	420 - 700
INNOVA 1.4ft SR ABS 4400/840	45	4710	4290	26,9	159	1,5	1175	420 - 700
INNOVA 1.4ft SR ABS 6400/840	45	6750	6140	37,9	162	1,5	1175	420 - 700
INNOVA 1.4ft SR ABS 8800/840	40	9380	8540	51,5	166	1,6	1175	420 - 700
INNOVA 1.5ft SR ABS 4000/840	50	4270	3890	23,4	166	1,8	1455	700 - 980
INNOVA 1.5ft SR ABS 5500/840	45	5850	5320	32,9	162	1,8	1455	700 - 980
INNOVA 1.5ft SR ABS 8000/840	45	8450	7690	46,4	166	1,8	1455	700 - 980
INNOVA 1.5ft SR ABS 11000/840	40	11710	10660	63,7	167	1,9	1455	700 - 980

INNOVA SR ABS

Diffuser from translucent ABS

Type	1x3P	1x5P	DALI 1x5P	2x3P	2x5P	DALI 2x5P
INNOVA 1.4ft SR ABS 3200/840	112289	112297	112305	112313	112321	112329
INNOVA 1.4ft SR ABS 4400/840	112290	112298	112306	112314	112322	112330
INNOVA 1.4ft SR ABS 6400/840	112291	112299	112307	112315	112323	112331
INNOVA 1.4ft SR ABS 8800/840	112292	112300	112308	112316	112324	112332
INNOVA 1.5ft SR ABS 4000/840	112293	112301	112309	112317	112325	112333
INNOVA 1.5ft SR ABS 5500/840	112294	112302	112310	112318	112326	112334
INNOVA 1.5ft SR ABS 8000/840	112295	112303	112311	112319	112327	112335
INNOVA 1.5ft SR ABS 11000/840	112296	112304	112312	112320	112328	112336

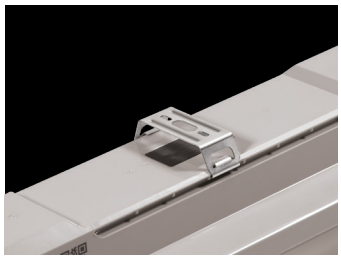
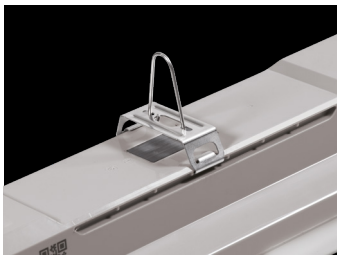
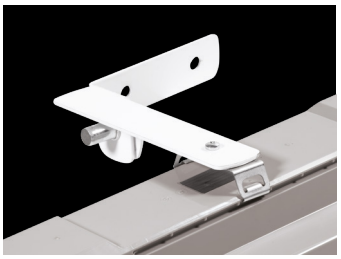
LEGEND

1x3P - a version featuring a non-dimmable driver and a single 3-pole external terminal block
1x5P - a version featuring a non-dimmable driver and a single 5-pole external terminal block
DALI 1x5P - a version featuring a digitally dimmable driver and a single 5-pole external terminal block

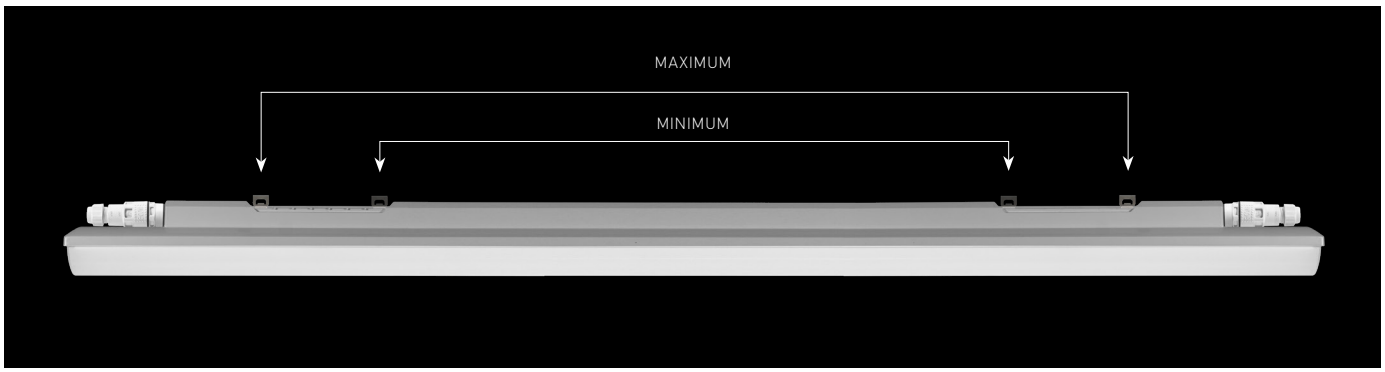
2x3P - a version featuring a non-dimmable driver, two 3-pole external terminal blocks and 3-wire connecting cables (1F), for continuous row installation
2x5P - a version featuring a non-dimmable driver, two 5-pole external terminal blocks and 5-wire connecting cables (3F), for continuous row installation
DALI 2x5P - a version featuring a digitally dimmable driver, two 5-pole external terminal blocks and 5-wire connecting cables (DALI 1F), for continuous row installation

LIGHT FITTING ATTACHMENT

a) Directly to a ceiling or a wall with the use of screws and stainless brackets
b) Suspension with the use of stainless hooks
c) Attachment with the use of side hangers to the wall - is not included in accessories

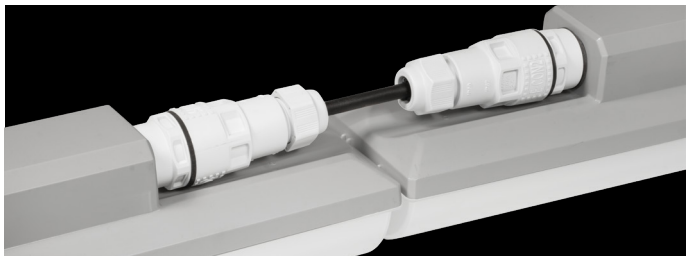
VARIABLE INSTALLATION PITCH

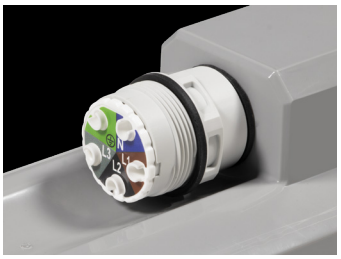


LIGHT FITTING INTERCONNECTION

An external terminal block is used to ensure the supply cable can easily and quickly be connected with no need to open the light fixture.

Interconnection of light fittings without spacing



LIGHT FITTING DETAILED VIEW

INNOVA SR ABS

