INNOVA NB



... impact-resistant, for areas with high ceilings of 8 – 12 m.

USE

Closed and non-dismountable light fitting according to the standard ČSN EN 60598-1 part 4 **with Narrow Beam** optics suitable for inside and outside spaces (even without shelter) intended for suspension height from 8 to 12 m, e.g. **inside or outside walls and corridors of high industrial, agricultural, warehouse or sports buildings, rack aisles in warehouses, outdoor playgrounds, covered sports arenas**. 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 PC material have high mechanical resistance against impact and deformation.

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

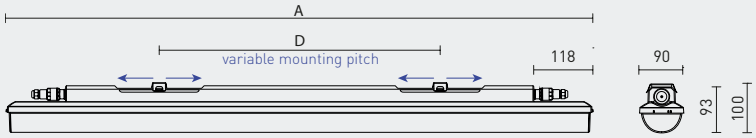
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from ta = -25 °C to **ta = 45 °C**
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- High mechanical resistance IK10
- **Narrow Beam (NB)**, ceiling height 8 to 12 m
- **Variable suspension pitch**; 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**
- 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, HACCP**

INNOVA NB PC

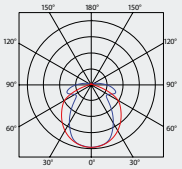


TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **t_a = 45 °C**
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- Maximum light fitting efficiency: 147 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: transparent PC with Fresnel lenses, **Narrow Beam** (high mechanical resistance, UV stability)
- Body: grey PC (high mechanical 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 NB 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 = 45 °C - body: grey polycarbonate - diffuser with Fresnel lenses, NB (Narrow Beam), transparent polycarbonate								
INNOVA 1.4ft NB PC 4400/840	45	4520	3930	27,3	144	1,5	1175	420 - 700
INNOVA 1.4ft NB PC 6400/840	45	6500	5660	38,5	147	1,5	1175	420 - 700
INNOVA 1.5ft NB PC 5500/840	45	5590	4860	33,3	146	1,8	1455	700 - 980
INNOVA 1.5ft NB PC 8000/840	45	8020	6980	47,4	147	1,8	1455	700 - 980

INNOVA NB

Diffuser with Fresnel lenses, Narrow Beam, transparent polycarbonate

Type	1x3P	1x5P	DALI 1x5P	2x3P	2x5P	DALI 2x5P
INNOVA 1.4ft NB PC 4400/840	31563	31567	31571	31575	31579	31583
INNOVA 1.4ft NB PC 6400/840	31564	31568	31572	31576	31580	31584
INNOVA 1.5ft NB PC 5500/840	31565	31569	31573	31577	31581	31585
INNOVA 1.5ft NB PC 8000/840	31566	31570	31574	31578	31582	31586

Example of type marking: 31572 = INNOVA 1.4ft NB PC 6400/840 **DALI 1x5P**

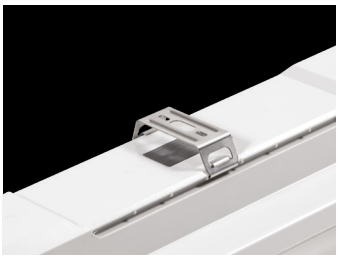
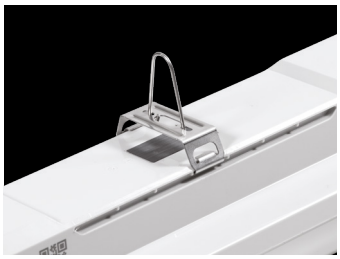
LEGEND

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 NB

