

# INNOVA WB



**BIM**  
ready

... impact-resistant, for areas with low ceilings of 2.5 – 5 m.

## USE

Closed and non-dismountable light fitting according to the standard ČSN EN 60598-1 part 4 **with Wide Beam** optics, suitable for inside and outside spaces (even without shelter), intended for suspension height from 2.5 to 5 m, e.g.: **production premises, parking buildings and garages, workshops, cellars, pedestrian underpasses and underground rooms with low ceilings**. 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.

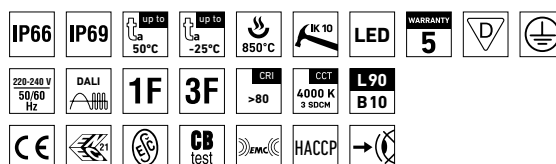
An external terminal strip makes it easy and quick to connect the supply cable with no need to open the **fitting (PLUG and PLAY system)**.

Emissions in the environment of use may reduce the usability of the plastics; for more information see page 321.

## ADVANTAGES

- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from  $t_a = -25^\circ\text{C}$  to  $t_a = 50^\circ\text{C}$
- Lifetime: 50 000 hours / L90B10
- High mechanical resistance IK10
- **Wide Beam (WB)**, ceiling height 2.5 to 5 m
- **Variable suspension pitch**; optional installation of light fitting even on an existing structure on which the original light fittings were suspended
- Modernized stainless steel snap-in mounting clips – **easy attachment to a track lighting system** with a width of 60 mm
- **External terminal strip makes it easy to connect the supply cable – PLUG and PLAY system**

- 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: **ESĚ, ENEC, CB, HACCP**

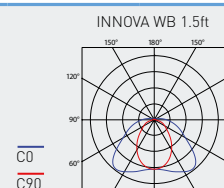
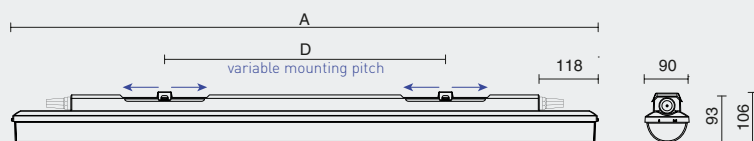


# INNOVA WB PC



## TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **t<sub>a</sub> = 50 °C**
- Lifetime: 50 000 hours / L90B10
- Maximum light fitting efficiency: 150 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, **Wide Beam** (high mechanical resistance, UV stability)
- Body: grey PC (high mechanical resistance, UV stability)
- Snap-in mounting clips: made of stainless steel and allowing **easy attachment to a track lighting system** with a width of 60 mm
- Ventilation membrane in the base eliminating vacuum and condensate build-up
- 3 or 5-pole **external terminal strip**, conductor cross-sectional area: 1.5 or 2.5 mm<sup>2</sup>
- 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 %



Type	Max. ambient temperature of LED modules [°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 <sub>a</sub> = 50 °C - body: grey polycarbonate - diffuser with Fresnel lenses, WB (Wide Beam), transparent polycarbonate								
INNOVA 1.4ft WB PC 2600/840	50	2580	2240	16	140	1,5	1175	420 - 700
INNOVA 1.4ft WB PC 3200/840	50	3110	2710	20	136	1,5	1175	420 - 700
INNOVA 1.4ft WB PC 4400/840	45	4350	3780	27	140	1,5	1175	420 - 700
INNOVA 1.4ft WB PC 6400/840	45	6260	5450	38	143	1,5	1175	420 - 700
INNOVA 1.5ft WB PC 3250/840	50	3240	2820	20	141	1,8	1455	700 - 980
INNOVA 1.5ft WB PC 4000/840	50	3880	3380	24	141	1,8	1455	700 - 980
INNOVA 1.5ft WB PC 5500/840	45	5420	4720	33	143	1,8	1455	700 - 980
INNOVA 1.5ft WB PC 8000/840	45	7740	6730	45	150	1,8	1455	700 - 980

## INNOVA WB

Diffuser with Fresnel lenses, Wide Beam, transparent polycarbonate

Type	1x3P	1x5P	DALI 1x5P	2x3P	2x5P	DALI 2x5P
INNOVA 1.4ft WB PC 2600/840...	72311	72312	72313	72315	72316	72317
INNOVA 1.4ft WB PC 3200/840...	72321	72322	72323	72325	72326	72327
INNOVA 1.4ft WB PC 4400/840...	72331	72332	72333	72335	72336	72337
INNOVA 1.4ft WB PC 6400/840...	72341	72342	72343	72345	72346	72347
INNOVA 1.5ft WB PC 3250/840...	72351	72352	72353	72355	72356	72357
INNOVA 1.5ft WB PC 4000/840...	72361	72362	72363	72365	72366	72367
INNOVA 1.5ft WB PC 5500/840...	72371	72372	72373	72375	72376	72377
INNOVA 1.5ft WB PC 8000/840...	72381	72382	72383	72385	72386	72387

Example of type marking: 72343 = INNOVA 1.4ft WB PC 6400/840 **DALI 1x5P**

## LEGEND

- 1x3P** - a version featuring a non-dimmable ballast and a single 3-pole external terminal strip
- 1x5P** - a version featuring a non-dimmable ballast and a single 5-pole external terminal strip
- DALI 1x5P** - a version featuring a digitally dimmable ballast and a single 5-pole external terminal strip
- 2x3P** - a version featuring a non-dimmable ballast, two 3-pole external terminal strips and 3-wire connecting cables (1F), for continuous row installation
- 2x5P** - a version featuring a non-dimmable ballast, two 5-pole external terminal strips and 5-wire connecting cables (3F), for continuous row installation
- DALI 2x5P** - a version featuring a digitally dimmable ballast, two 5-pole external terminal strips 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) To be attached to a track lighting system with a width of 60 mm using stainless steel snap-in mounting clips
- d) Attachment with the use of side hangers to the wall



**VARIABLE INSTALLATION PITCH**

MINIMUM



MAXIMUM



**LIGHT FITTING INTERCONNECTION**

An external terminal strip is used to ensure the supply cable can easily and quickly be connected with no need to open the light fixture (PLUG and PLAY system)

Interconnection of light fittings without spacing



**LIGHT FITTING DETAILED VIEW**

INNOVA WB

