

# INNOVA TRS



... for direct and indirect illumination.

## USE

An enclosed, non-dismantable and **fully transparent** luminaire featuring a user non-replaceable light source in accordance with ČSN EN 60598-1(4). The fixture is a perfect choice for inside as well as outside spaces (roof and unroofed) with luminaire installation height ranging from 2.5 m to 5 m such as: **production plants, (multistorey) car parks and garages, workshops, corridors, cellars, pedestrian underpasses and underground spaces with low ceilings**. The structural design of the light fitting (IP69) allows even placement in food-processing industry - HACCP.

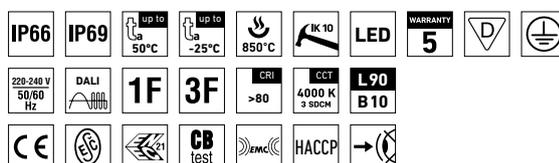
The light fitting resists dust, humidity and washing with spouting water up to 80°C. The body and the diffuser made of PC material have high mechanical resistance against impact and deformation.

An **external terminal 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 407.

## 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
- Lifetime: 100 000 hours / L80B10
- High mechanical resistance IK10
- **For direct and indirect lighting**, 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
- **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: **ESĀ, ENEC, CB, HACCP**

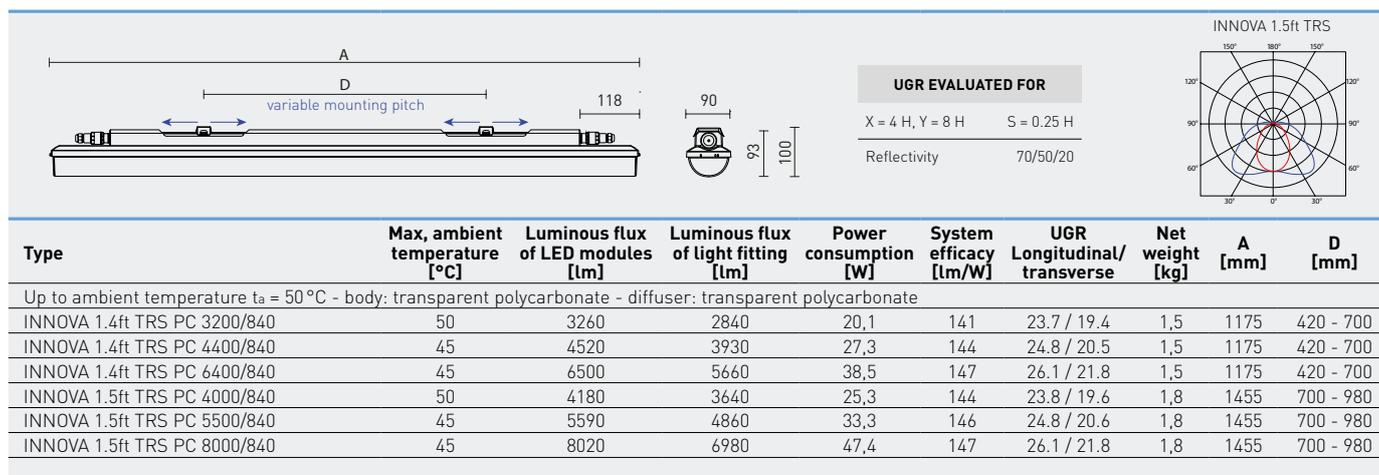


# INNOVA TRS PC



## TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **t<sub>a</sub> = 50 °C**
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- 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 (high mechanical resistance, UV stability)
- Body: transparent PC (high mechanical resistance, UV stability)
- Reflector: modified for **indirect illumination**
- 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 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, a connector's counterpart (if no cables are ordered)
- The values stated for power consumption and luminous flux are in a tolerance of ± 7,5 %



## INNOVA TRS

Diffuser: transparent polycarbonate

Type	1x3P	1x5P	DALI 1x5P	2x3P	2x5P	DALI 2x5P
INNOVA 1.4ft TRS PC 3200/840	31733	31739	31745	31751	31757	31763
INNOVA 1.4ft TRS PC 4400/840	31734	31740	31746	31752	31758	31764
INNOVA 1.4ft TRS PC 6400/840	31735	31741	31747	31753	31759	31765
INNOVA 1.5ft TRS PC 4000/840	31736	31742	31748	31754	31760	31766
INNOVA 1.5ft TRS PC 5500/840	31737	31743	31749	31755	31761	31767
INNOVA 1.5ft TRS PC 8000/840	31738	31744	31750	31756	31762	31768

Example of type marking: 31747 = INNOVA 1.4ft TRS PC 6400/840 **DALI 1x5P**

## LEGEND

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

