

NANOTTICA NB



... ceiling height from 7.5 to 12 m, impact resistant.

USE

The fixture boasts a **low unified glare rating with UGR values** its patented nanooptics. This ensures eye comfort, **high visual performance and workplace safety**, which indirectly **translates into higher productivity**.

The luminaire's **narrow-beam angle** makes it suitable for premises with an optimum luminaire installation height of **7.5 to 12 m**.

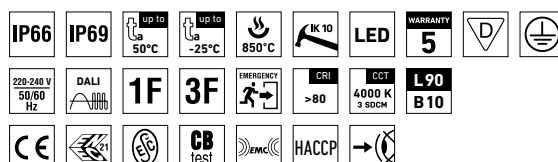
It is designed for indoor spaces, **walls and large corridors in high industrial and agricultural buildings as well as in warehouses and sports facilities. It is also a great choice for warehouse aisles and roofed sports halls.** IP69-rated and HACCP-compliant, the fitting's design also makes it a perfect choice for the food industry.

Made of clear polycarbonate, the base and the diffuser boast **high impact and deformation resistance**.

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

ADVANTAGES

- Patented optics ensures absolute control over light beam distribution
- Low **UGR ranging from 21.7 to 25**
- Narrow Beam angle (NB), optimum luminaire installation height **from 7.5 to 12 m**
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from $t_a = -25^{\circ}\text{C}$ to $t_a = 45^{\circ}\text{C}$
- Lifetime: 50 000 hours / L90B10
- High **mechanical resistance IK10**
- **Variable suspension pitch**, optional installation of light fitting even on an existing structure on which the original light fittings were suspended
- **Multipurpose snap-in mounting clips – easy attachment** to a track lighting system with a width of 60 mm
- Optional throughwiring (up to 7 wires inside the light fitting)
- Standard model CRI → 80: 4000 K
- On request CRI → 80: 3000 K, 5000 K, 6500 K
- CRI → 90: 3000 K, 4000 K, 5000 K, 6500 K
- Optional delivery in dimmable version
- Certificates: **ESĈ, ENEC, CB, HACCP**

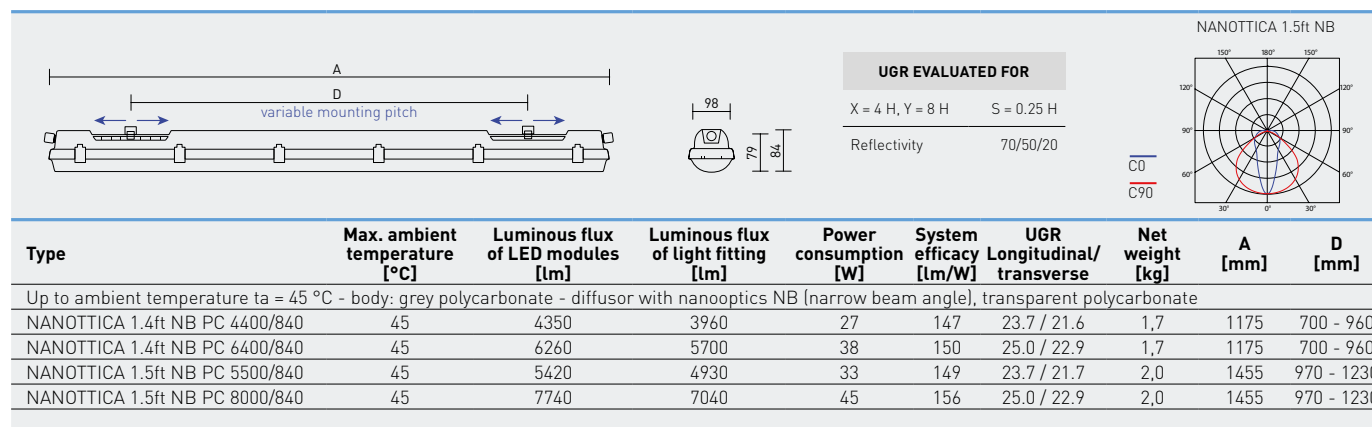


NANOTTICA NB PC, PCc



TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **ta = 45 °C**
- Maximum ambient temperature: ta = 0-25 °C for version with emergency back-up M1h, M3h
- Lifetime: 50 000 hours / L90B10
- Maximum light fitting efficiency: **156 lm/W**
- UGR ranging from 21.7 to 25**
- Optimum luminaire installation height **from 7.5 to 12 m**
- 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 nanooptics Narrow Beam** (high mechanical resistance, UV stability)
- Body: grey PC (high mechanical resistance, UV stability)
- Reflector: steel sheet, white colour (RAL 9003)
- Multipurpose mounting clips:** stainless steel, stainless steel hooks included
- Clips: polyamide + 15 % glass fibre or stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- Cable glands: screwed PG 13.5 (standard), or rubber (SBS)
- Terminal block: screwless, three-pole (basic version), or screwed
- The values stated for power consumption and luminous flux are in a tolerance of ± 7.5 %



NANOTTICA NB PC

Code	Type
100273	NANOTTICA 1.4ft NB PC 4400/840
100274	NANOTTICA 1.4ft NB PC 6400/840
100275	NANOTTICA 1.5ft NB PC 5500/840
100276	NANOTTICA 1.5ft NB PC 8000/840

Non-dimmable driver - plastic clips

1F	3F	M1h	M3h	3F M1h	3F M3h
100277	100281	100285	100289	100293	100297
100278	100282	100286	100290	100294	100298
100279	100283	100287	100291	100295	100299
100280	100284	100288	100292	100296	100300

NANOTTICA NB PCc

Code	Type
100301	NANOTTICA 1.4ft NB PCc 4400/840
100302	NANOTTICA 1.4ft NB PCc 6400/840
100303	NANOTTICA 1.5ft NB PCc 5500/840
100304	NANOTTICA 1.5ft NB PCc 8000/840

Non-dimmable driver - stainless clips (c)

1F	3F	M1h	M3h	3F M1h	3F M3h
100305	100309	100313	100317	100321	100325
100306	100310	100314	100318	100322	100326
100307	100311	100315	100319	100323	100327
100308	100312	100316	100320	100324	100328

NANOTTICA NB PC DALI

Code	Type
100329	NANOTTICA 1.4ft NB PC 4400/840 DALI
100330	NANOTTICA 1.4ft NB PC 6400/840 DALI
100331	NANOTTICA 1.5ft NB PC 5500/840 DALI
100332	NANOTTICA 1.5ft NB PC 8000/840 DALI

Digital dimmable driver DALI - plastic clips

1F	3F	M1h	M3h	3F M1h	3F M3h
100333	100337	100341	100345	100349	100353
100334	100338	100342	100346	100350	100354
100335	100339	100343	100347	100351	100355
100336	100340	100344	100348	100352	100356

NANOTTICA NB PCc DALI

Code	Type
100357	NANOTTICA 1.4ft NB PCc 4400/840 DALI
100358	NANOTTICA 1.4ft NB PCc 6400/840 DALI
100359	NANOTTICA 1.5ft NB PCc 5500/840 DALI
100360	NANOTTICA 1.5ft NB PCc 8000/840 DALI

Digital dimmable driver DALI - stainless clips (c)

1F	3F	M1h	M3h	3F M1h	3F M3h
100361	100365	100369	100373	100377	100381
100362	100366	100370	100374	100378	100382
100363	100367	100371	100375	100379	100383
100364	100368	100372	100376	100380	100384

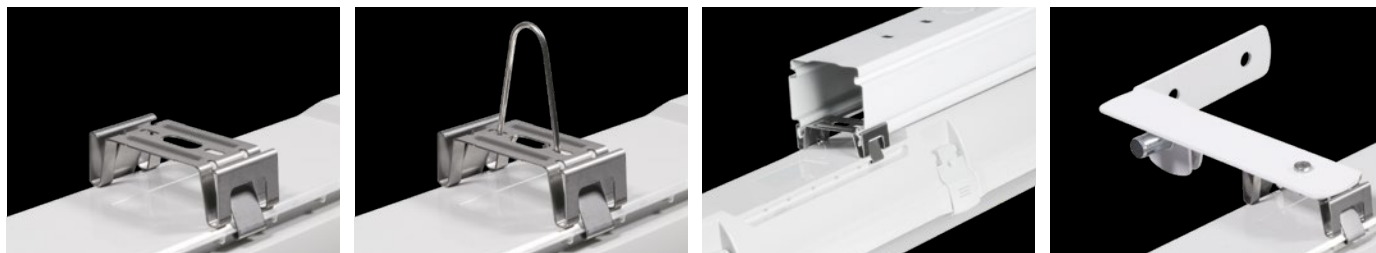
LEGEND

- 1F** 1-phase 3 core through-wiring in the luminaire
- 3F** 3-phase 5 core through-wiring in the luminaire
- M1h** emergency back-up source with 1 hour operating time for maintained emergency illumination
- M3h** emergency back-up source with 3 hour operating time for maintained emergency illumination
- 3F Mxh** 3-phase 5 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

- DALI** version with digital dimmable driver DALI
- DALI 1F** 1-phase 5 core through-wiring in the luminaire
- DALI 3F** 3-phase 7 core through-wiring in the luminaire
- DALI 3F Mxh** 3-phase 7 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

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

NANOTTICA NB PC



LIGHT FITTING DETAILED VIEW

NANOTTICA NB PC



