

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**.

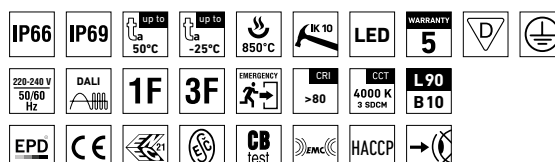
It is designed for indoor spaces, **walls and large corridors in high industrial and agricultural buildings as well as in warehouses and sports facilities. It is also a great choice for warehouse aisles and roofed sports halls.** IP69-rated and HACCP-compliant, the fitting's design also makes it a perfect 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 407.

ADVANTAGES

- Patented optics ensures absolute control over light beam distribution
- Low **UGR ranging from 21,9 to 26,1**
- 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
- Lifetime: 100 000 hours / L80B10
- 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
- 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: **EPD, EŠ, ENEC, CB, HACCP**

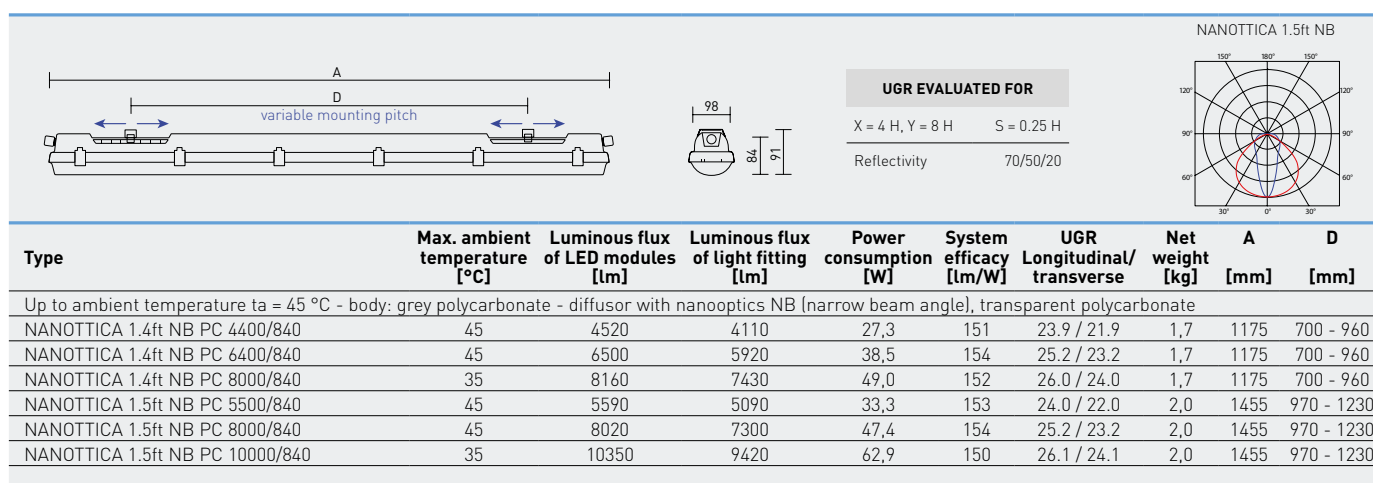


NANOTTICA NB PC, PCc



TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **ta = 45 °C**
- Maximum ambient temperature: **ta = 0-40 °C** for version with emergency back-up M3hAt
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- Maximum light fitting efficiency: **154 lm/W**
- **UGR ranging from 21,9 to 26,1**
- 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)
- **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
- Terminal block: screwless, three-pole (basic version), or screwed
- The values stated for power consumption and luminous flux are in a tolerance of $\pm 7.5 \%$



NANOTTICA NB PC

Code	Type
100273	NANOTTICA 1.4ft NB PC 4400/840
100274	NANOTTICA 1.4ft NB PC 6400/840
110181	NANOTTICA 1.4ft NB PC 8000/840
100275	NANOTTICA 1.5ft NB PC 5500/840
100276	NANOTTICA 1.5ft NB PC 8000/840
110182	NANOTTICA 1.5ft NB PC 10000/840

Non-dimmable driver - plastic clips

1F	3F	M3hAt	3F M3hAt
100277	100281	107998	108002
100278	100282	107999	108003
110183	110185	x	x
100279	100283	108000	108004
100280	100284	108001	108005
110184	110186	x	x

NANOTTICA NB PCc

Code	Type
100301	NANOTTICA 1.4ft NB PCc 4400/840
100302	NANOTTICA 1.4ft NB PCc 6400/840
110187	NANOTTICA 1.4ft NB PCc 8000/840
100303	NANOTTICA 1.5ft NB PCc 5500/840
100304	NANOTTICA 1.5ft NB PCc 8000/840
110188	NANOTTICA 1.5ft NB PCc 10000/840

Non-dimmable driver - stainless clips [c]

1F	3F	M3hAt	3F M3hAt
100305	100309	108006	108026
100306	100310	108007	108027
110189	110191	x	x
100307	100311	108008	108028
100308	100312	108009	108029
110190	110192	x	x

NANOTTICA NB PC DALI

Code	Type
100329	NANOTTICA 1.4ft NB PC 4400/840 DALI
100330	NANOTTICA 1.4ft NB PC 6400/840 DALI
110193	NANOTTICA 1.4ft NB PC 8000/840 DALI
100331	NANOTTICA 1.5ft NB PC 5500/840 DALI
100332	NANOTTICA 1.5ft NB PC 8000/840 DALI
110194	NANOTTICA 1.5ft NB PC 10000/840 DALI

Digital dimmable driver DALI - plastic clips

1F	3F	M3hAt	3F M3hAt
100333	100337	108010	108014
100334	100338	108011	108015
110195	110197	x	x
100335	100339	108012	108016
100336	100340	108013	108017
110196	110198	x	x

NANOTTICA NB PCc DALI

Code	Type
100357	NANOTTICA 1.4ft NB PCc 4400/840 DALI
100358	NANOTTICA 1.4ft NB PCc 6400/840 DALI
110199	NANOTTICA 1.4ft NB PCc 8000/840 DALI
100359	NANOTTICA 1.5ft NB PCc 5500/840 DALI
100360	NANOTTICA 1.5ft NB PCc 8000/840 DALI
110200	NANOTTICA 1.5ft NB PCc 10000/840 DALI

Digital dimmable driver DALI - stainless clips (c)

1F	3F	M3hAt	3F M3hAt
100361	100365	108018	108022
100362	100366	108019	108023
110201	110203	x	x
100363	100367	108020	108024
100364	100368	108021	108025
110202	110204	x	x

LEGEND

- 1F** - 1-phase 3 core through-wiring in the luminaire
- 3F** - 3-phase 5 core through-wiring in the luminaire
- M3hAt** - emergency back-up source with 3 hour operating time for maintained emergency illumination with battery autotest
- 3F M3hAt** - 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 M3hAt** - 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) Attachment with the use of side hangers to the wall - is not included in accessories



VARIABLE INSTALLATION PITCH

NANOTTICA NB PC



LIGHT FITTING DETAILED VIEW

NANOTTICA NB PC



