

NANOTTICA NB ABS



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

USE

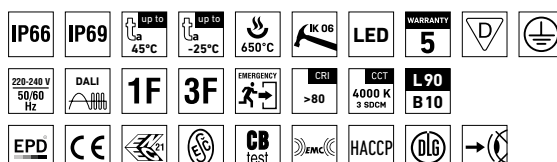
The fixture boasts a **low unified glare rating with UGR values** its patented nanooptics. This ensures eye comfort, **high visual performance and workplace safety**, which indirectly **translates into higher productivity**.

The luminaire's **narrow-beam angle** makes it suitable for premises with an optimum luminaire installation height of **7.5 to 12 m**. The luminaire is designed for indoor spaces as well as for agricultural buildings and other spaces with chemically aggressive environments due to ammonia fumes, lye fumes, alkali and hot water (hydrolysis). The fitting is primarily intended for **walls and large corridors in high industrial and agricultural buildings, production plants and warehouse aisles, farms, stables and laboratories** with no explosion hazard. IP69-rated and HACCP-compliant, the fitting's design also makes it suitable for the food industry.

The fitting's base is made of ABS and diffuser of AC, resulting in their **exceptional chemical 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
- Narrow Beam angle (NB), optimum luminaire installation height **from 7.5 to 12 m**
- Low **UGR ranging from 21,8 to 25,9**
- 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 **chemical resistance**
- **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: **ESĈ, ENEC, CB, DLG, HACCP**

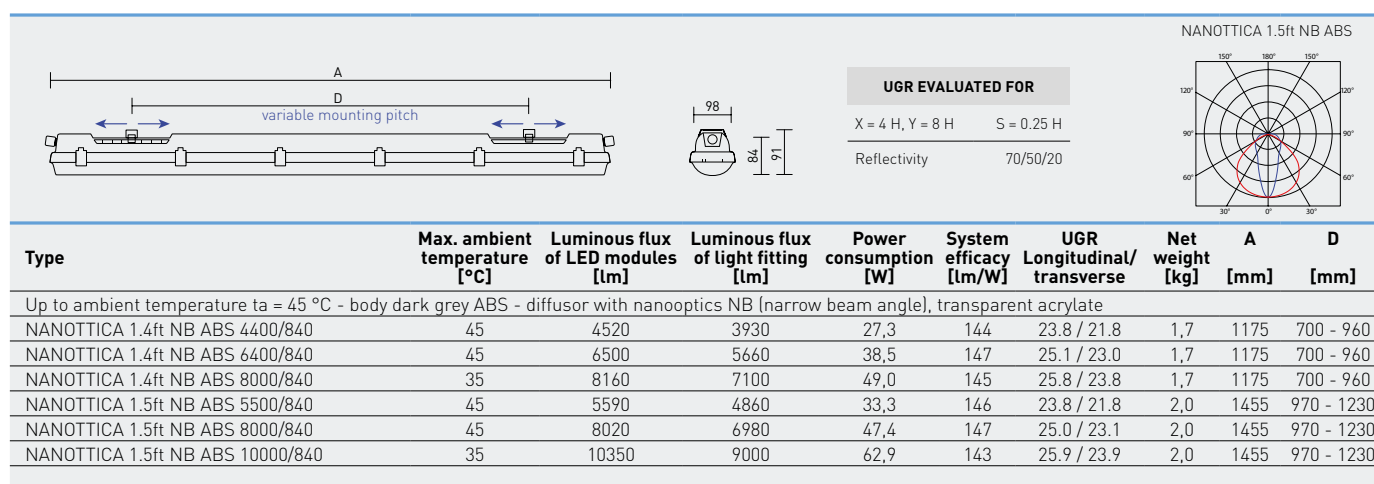


NANOTTICA NB ABS, ABSc



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: **147 lm/W**
- **UGR ranging from 21,8 to 25,9**
- 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 AC with nanooptics**
- **Narrow Beam** (high chemical resistance, UV stability)
- Body: dark grey ABS (high chemical 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 ABS

Code	Type
100881	NANOTTICA 1.4ft NB ABS 4400/840
100882	NANOTTICA 1.4ft NB ABS 6400/840
110229	NANOTTICA 1.4ft NB ABS 8000/840
100883	NANOTTICA 1.5ft NB ABS 5500/840
100884	NANOTTICA 1.5ft NB ABS 8000/840
110230	NANOTTICA 1.5ft NB ABS 10000/840

Non-dimmable driver - plastic clips

1F	3F	M3hAt	3F M3hAt
100885	100889	108154	108158
100886	100890	108155	108159
110231	110233	x	x
100887	100891	108156	108160
100888	100892	108157	108161
110232	110234	x	x

NANOTTICA NB ABSc

Code	Type
100909	NANOTTICA 1.4ft NB ABSc 4400/840
100910	NANOTTICA 1.4ft NB ABSc 6400/840
110235	NANOTTICA 1.4ft NB ABSc 8000/840
100911	NANOTTICA 1.5ft NB ABSc 5500/840
100912	NANOTTICA 1.5ft NB ABSc 8000/840
110236	NANOTTICA 1.5ft NB ABSc 10000/840

Non-dimmable driver - stainless clips [c]

1F	3F	M3hAt	3F M3hAt
100913	100917	108162	108166
100914	100918	108163	108167
110237	110239	x	x
100915	100919	108164	108168
100916	100920	108165	108169
110238	110240	x	x

NANOTTICA NB ABS DALI

Code	Type
100937	NANOTTICA 1.4ft NB ABS 4400/840 DALI
100938	NANOTTICA 1.4ft NB ABS 6400/840 DALI
110241	NANOTTICA 1.4ft NB ABS 8000/840 DALI
100939	NANOTTICA 1.5ft NB ABS 5500/840 DALI
100940	NANOTTICA 1.5ft NB ABS 8000/840 DALI
110242	NANOTTICA 1.5ft NB ABS 10000/840 DALI

Digital dimmable driver DALI - plastic clips

1F	3F	M3hAt	3F M3hAt
100941	100945	108170	108174
100942	100946	108171	108175
110243	110245	x	x
100943	100947	108172	108176
100944	100948	108173	108177
110244	110246	x	x

NANOTTICA NB ABSc DALI

Code	Type
100965	NANOTTICA 1.4ft NB ABSc 4400/840 DALI
100966	NANOTTICA 1.4ft NB ABSc 6400/840 DALI
110247	NANOTTICA 1.4ft NB ABSc 8000/840 DALI
100967	NANOTTICA 1.5ft NB ABSc 5500/840 DALI
100968	NANOTTICA 1.5ft NB ABSc 8000/840 DALI
110248	NANOTTICA 1.5ft NB ABSc 10000/840 DALI

Digital dimmable driver DALI - stainless clips (c)

1F	3F	M3hAt	3F M3hAt
100969	100973	108178	108182
100970	100974	108179	108183
110249	110251	x	x
100971	100975	108180	108184
100972	100976	108181	108185
110250	110252	x	x

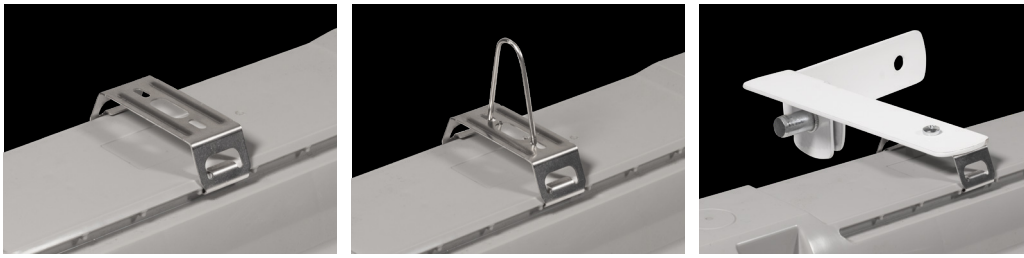
LEGEND

- 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)

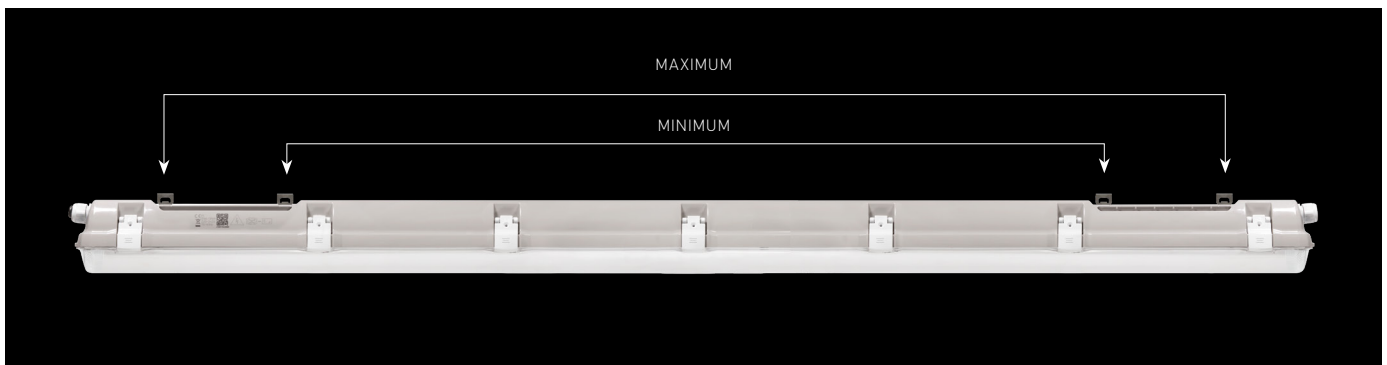
- DALI** - version with digital dimmable driver DALI
- DALI 1F** - 1-phase 5 core through-wiring in the luminaire
- DALI 3F** - 3-phase 7 core through-wiring in the luminaire
- DALI 3F M3hAt** - 3-phase 7 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

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**

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**LIGHT FITTING DETAILED VIEW**

NANOTTICA NB ABS

