

# NANOTTICA WB ABS



... ceiling height from 2.5 to 4 m, chemically resistant.

## USE

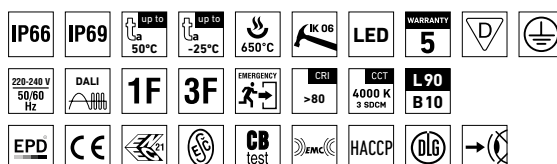
The fixture boasts a **low unified glare rating with UGR values** its patented nanooptics. This ensures eye comfort, **high visual performance and workplace safety**, which indirectly **translates into higher productivity**.

The fitting is highly recommended for **illumination of premises where workers' visual precision is of paramount importance**. These include workshops where fine assembly work is performed as well as craft workshops and visual inspection areas. Its **wide beam angle** makes it an excellent choice for spaces with an optimum luminaire installation height ranging from **2.5 to 4 m**. It 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 product is primarily intended for **walls and large corridors in low agricultural buildings and industrial halls, workshops, corridors, cellars, 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
- Wide Beam angle (WB), optimum luminaire installation height from 2.5 to 4 m
- Low **UGR ranging from 21,3 to 25,0**
- 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 **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: **EPD, EŠ, ENEC, CB, DLG, HACCP**

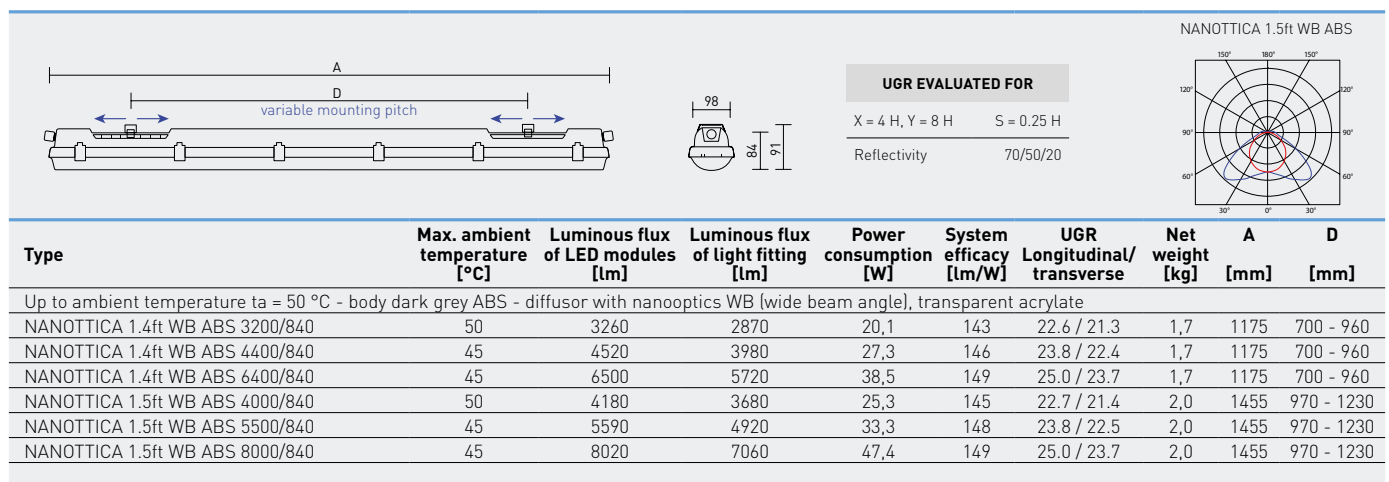


## NANOTTICA WB ABS, ABSc



## TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **ta = 50 °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: **149 lm/W**
- **UGR ranging from 21,3 to 25,0**
- Optimum luminaire installation height **from 2.5 to 4 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 Wide 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 WB ABS

Code	Type
100994	NANOTTICA 1.4ft WB ABS 3200/840
100995	NANOTTICA 1.4ft WB ABS 4400/840
100996	NANOTTICA 1.4ft WB ABS 6400/840
100998	NANOTTICA 1.5ft WB ABS 4000/840
100999	NANOTTICA 1.5ft WB ABS 5500/840
101000	NANOTTICA 1.5ft WB ABS 8000/840

Non-dimmable driver - plastic clips

1F	3F	M3hAt	3F M3hAt
101002	101010	108187	108195
101003	101011	108188	108196
101004	101012	108189	108197
101006	101014	108191	108199
101007	101015	108192	108200
101008	101016	108193	108201

## NANOTTICA WB ABSc

Code	Type
101050	NANOTTICA 1.4ft WB ABSc 3200/840
101051	NANOTTICA 1.4ft WB ABSc 4400/840
101052	NANOTTICA 1.4ft WB ABSc 6400/840
101054	NANOTTICA 1.5ft WB ABSc 4000/840
101055	NANOTTICA 1.5ft WB ABSc 5500/840
101056	NANOTTICA 1.5ft WB ABSc 8000/840

Non-dimmable driver - stainless clips [c]

1F	3F	M3hAt	3F M3hAt
101058	101066	108203	108211
101059	101067	108204	108212
101060	101068	108205	108213
101062	101070	108207	108215
101063	101071	108208	108216
101064	101072	108209	108217

## NANOTTICA WB ABS DALI

Code	Type
101106	NANOTTICA 1.4ft WB ABS 3200/840 DALI
101107	NANOTTICA 1.4ft WB ABS 4400/840 DALI
101108	NANOTTICA 1.4ft WB ABS 6400/840 DALI
101110	NANOTTICA 1.5ft WB ABS 4000/840 DALI
101111	NANOTTICA 1.5ft WB ABS 5500/840 DALI
101112	NANOTTICA 1.5ft WB ABS 8000/840 DALI

### Digital dimmable driver DALI - plastic clips

1F	3F	M3hAt	3F M3hAt
101114	101122	108219	108227
101115	101123	108220	108228
101116	101124	108221	108229
101118	101126	108223	108231
101119	101127	108224	108232
101120	101128	108225	108233

## NANOTTICA WB ABSc DALI

Code	Type
101162	NANOTTICA 1.4ft WB ABSc 3200/840 DALI
101163	NANOTTICA 1.4ft WB ABSc 4400/840 DALI
101164	NANOTTICA 1.4ft WB ABSc 6400/840 DALI
101166	NANOTTICA 1.5ft WB ABSc 4000/840 DALI
101167	NANOTTICA 1.5ft WB ABSc 5500/840 DALI
101168	NANOTTICA 1.5ft WB ABSc 8000/840 DALI

### Digital dimmable driver DALI - stainless clips (c)

1F	3F	M3hAt	3F M3hAt
101170	101178	108235	108243
101171	101179	108236	108244
101172	101180	108237	108245
101174	101182	108239	108247
101175	101183	108240	108248
101176	101184	108241	108249

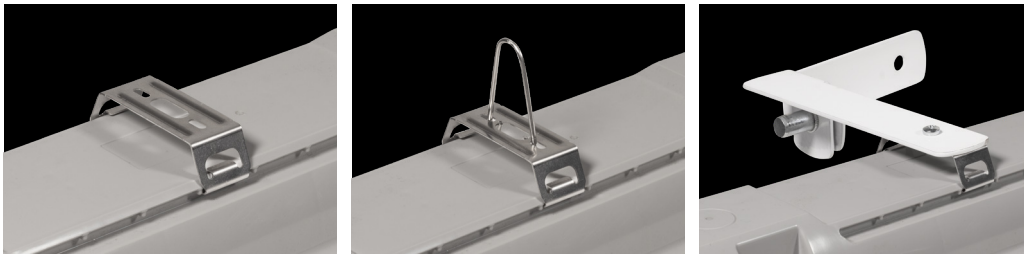
## LEGEND

- 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)

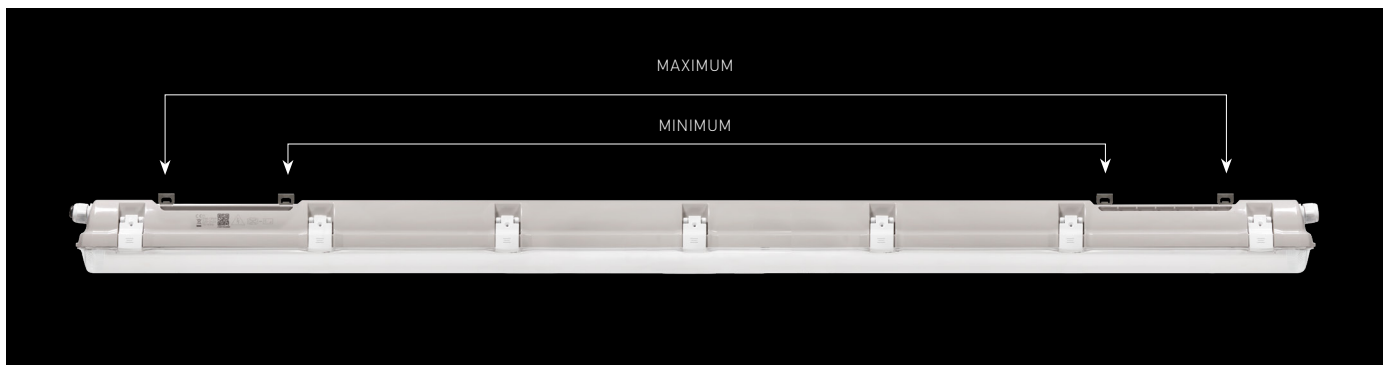
- DALI** - version with digital dimmable driver DALI
- DALI 1F** - 1-phase 5 core through-wiring in the luminaire
- DALI 3F** - 3-phase 7 core through-wiring in the luminaire
- DALI 3F M3hAt** - 3-phase 7 core through-wiring in the luminaire  
(L3 used for emergency unit unswitched power supply)

**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 WB ABS

**LIGHT FITTING DETAILED VIEW**

NANOTTICA WB ABS

