

# NANOTTICA WB ABS



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

## USE

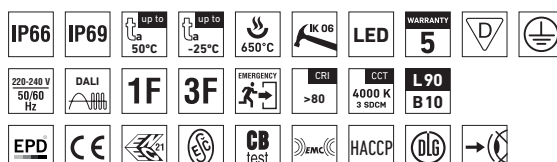
The fixture boasts a **low unified glare rating with UGR values** its patented nanooptics. This ensures eye comfort, **high visual performance and workplace safety**, which indirectly translates into higher productivity.

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 367.

## 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 20,3 to 24,8**
- 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
- 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, ESC, ENEC, CB, DLG, HACCP**

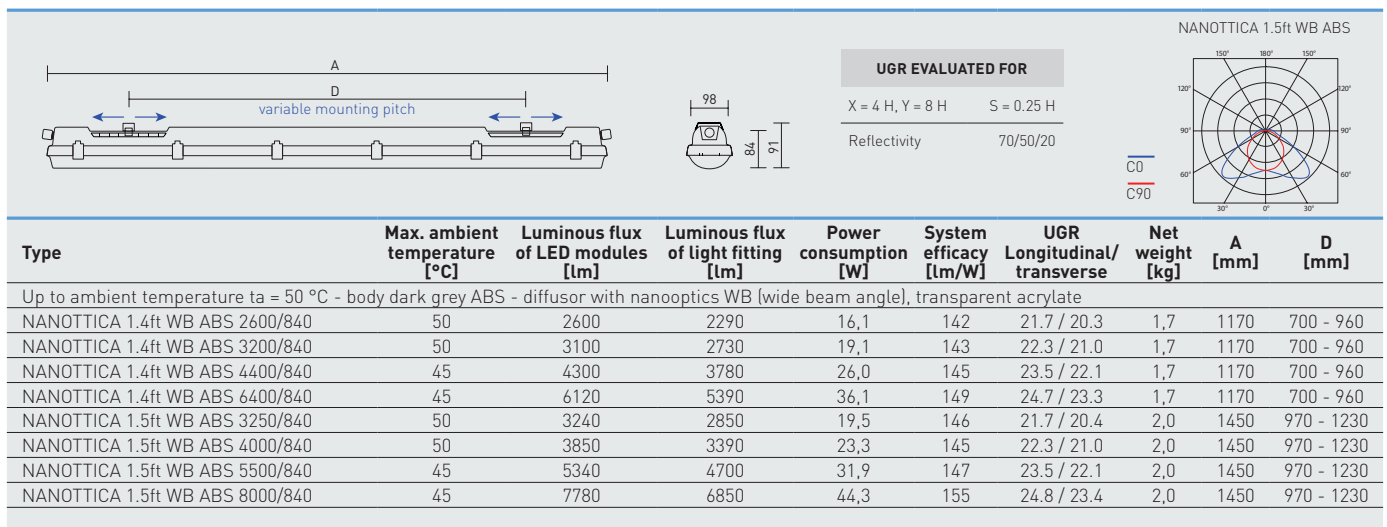


## NANOTTICA WB ABS, ABSc



## TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **ta = 50 °C**
- Maximum ambient temperature: **ta = 0-25 °C** for version with emergency back-up M1h, M3h
- Lifetime: 50 000 hours / L90B10
- Maximum light fitting efficiency: **155 lm/W**
- **UGR ranging from 20,3 to 24,8**
- 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 (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  $\pm 7.5 \%$



## NANOTTICA WB ABS

Code	Type
100993	NANOTTICA 1.4ft WB ABS 2600/840
100994	NANOTTICA 1.4ft WB ABS 3200/840
100995	NANOTTICA 1.4ft WB ABS 4400/840
100996	NANOTTICA 1.4ft WB ABS 6400/840
100997	NANOTTICA 1.5ft WB ABS 3250/840
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	M1h	M3h	3F M1h	3F M3h
101001	101009	101017	101025	101033	101041
101002	101010	101018	101026	101034	101042
101003	101011	101019	101027	101035	101043
101004	101012	101020	101028	101036	101044
101005	101013	101021	101029	101037	101045
101006	101014	101022	101030	101038	101046
101007	101015	101023	101031	101039	101047
101008	101016	101024	101032	101040	101048

## NANOTTICA WB ABSc

Code	Type
101049	NANOTTICA 1.4ft WB ABSc 2600/840
101050	NANOTTICA 1.4ft WB ABSc 3200/840
101051	NANOTTICA 1.4ft WB ABSc 4400/840
101052	NANOTTICA 1.4ft WB ABSc 6400/840
101053	NANOTTICA 1.5ft WB ABSc 3250/840
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	M1h	M3h	3F M1h	3F M3h
	101057	101065	101073	101081	101089	101097
	101058	101066	101074	101082	101090	101098
	101059	101067	101075	101083	101091	101099
	101060	101068	101076	101084	101092	101100
	101061	101069	101077	101085	101093	101101
	101062	101070	101078	101086	101094	101102
	101063	101071	101079	101087	101095	101103
	101064	101072	101080	101088	101096	101104

## NANOTTICA WB ABS DALI

Code	Type
101105	NANOTTICA 1.4ft WB ABS DALI 2600/840
101106	NANOTTICA 1.4ft WB ABS DALI 3200/840
101107	NANOTTICA 1.4ft WB ABS DALI 4400/840
101108	NANOTTICA 1.4ft WB ABS DALI 6400/840
101109	NANOTTICA 1.5ft WB ABS DALI 3250/840
101110	NANOTTICA 1.5ft WB ABS DALI 4000/840
101111	NANOTTICA 1.5ft WB ABS DALI 5500/840
101112	NANOTTICA 1.5ft WB ABS DALI 8000/840

Digital dimmable driver DALI - plastic clips

	1F	3F	M1h	M3h	3F M1h	3F M3h
	101113	101121	101129	101137	101145	101153
	101114	101122	101130	101138	101146	101154
	101115	101123	101131	101139	101147	101155
	101116	101124	101132	101140	101148	101156
	101117	101125	101133	101141	101149	101157
	101118	101126	101134	101142	101150	101158
	101119	101127	101135	101143	101151	101159
	101120	101128	101136	101144	101152	101160

## NANOTTICA WB ABSc DALI

Digital dimmable driver DALI - stainless clips (c)

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
101161	NANOTTICA 1.4ft WB ABSc 2600/840 DALI	101169	101177	101185	101193	101201	101209
101162	NANOTTICA 1.4ft WB ABSc 3200/840 DALI	101170	101178	101186	101194	101202	101210
101163	NANOTTICA 1.4ft WB ABSc 4400/840 DALI	101171	101179	101187	101195	101203	101211
101164	NANOTTICA 1.4ft WB ABSc 6400/840 DALI	101172	101180	101188	101196	101204	101212
101165	NANOTTICA 1.5ft WB ABSc 3250/840 DALI	101173	101181	101189	101197	101205	101213
101166	NANOTTICA 1.5ft WB ABSc 4000/840 DALI	101174	101182	101190	101198	101206	101214
101167	NANOTTICA 1.5ft WB ABSc 5500/840 DALI	101175	101183	101191	101199	101207	101215
101168	NANOTTICA 1.5ft WB ABSc 8000/840 DALI	101176	101184	101192	101200	101208	101216

## 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)

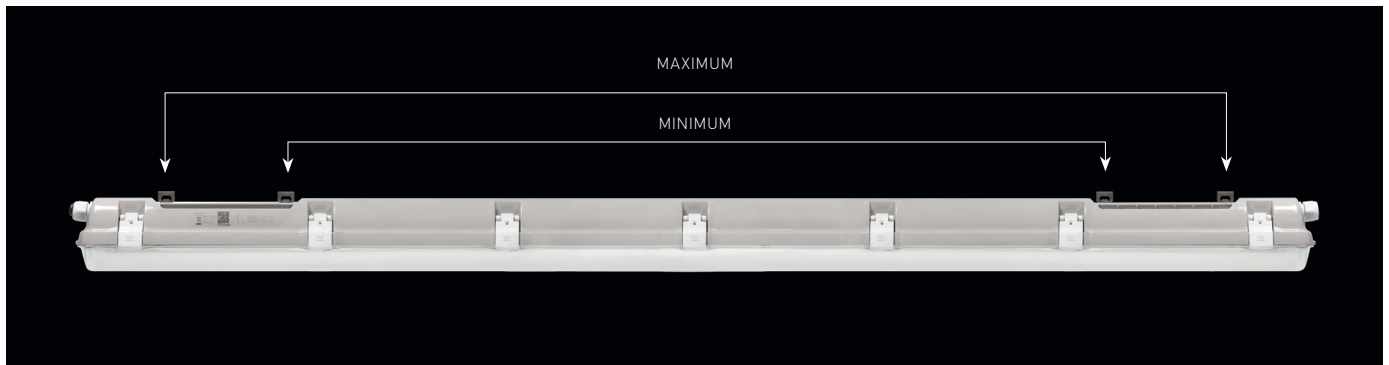
## LIGHT FITTING ATTACHMENT

- 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) 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

