

NANOTTICA VP ABS



... for outdoor sheltered spaces, ceiling height from 3.5 to 8 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.

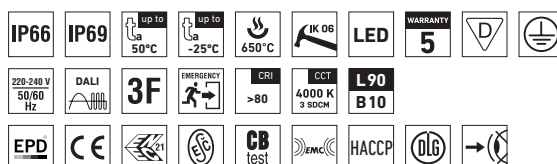
The fitting's **standard beam angle** makes it a great choice for premises with an optimum fitting installation height of **3.5 to 8 m**.

It is intended to be installed **in sheltered outdoor spaces**. It features a ventilation membrane that equalizes pressures while blocking water and contaminants that build up inside of the fitting as a result of temperature fluctuations. The fitting is highly recommended for agricultural buildings and other spaces with chemically aggressive environments due to ammonia fumes, lye fumes, alkali, hot water (hydrolysis) and oils. The product is primarily intended for **agricultural buildings and industrial halls such as farms, stables, production plants and warehouses, and spaces with permanently high humidity (such as car washes and tunnels)**. Additionally, it is a **perfect choice for the tropical zone and coastal areas**. IP69-rated and HACCP-compliant, the fitting's design also makes it a great choice 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
- Low **UGR ranging from 18,8 to 23,2**
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from **ta = -25 °C to ta = 50 °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, ESČ, ENEC, CB, DLG, HACCP**

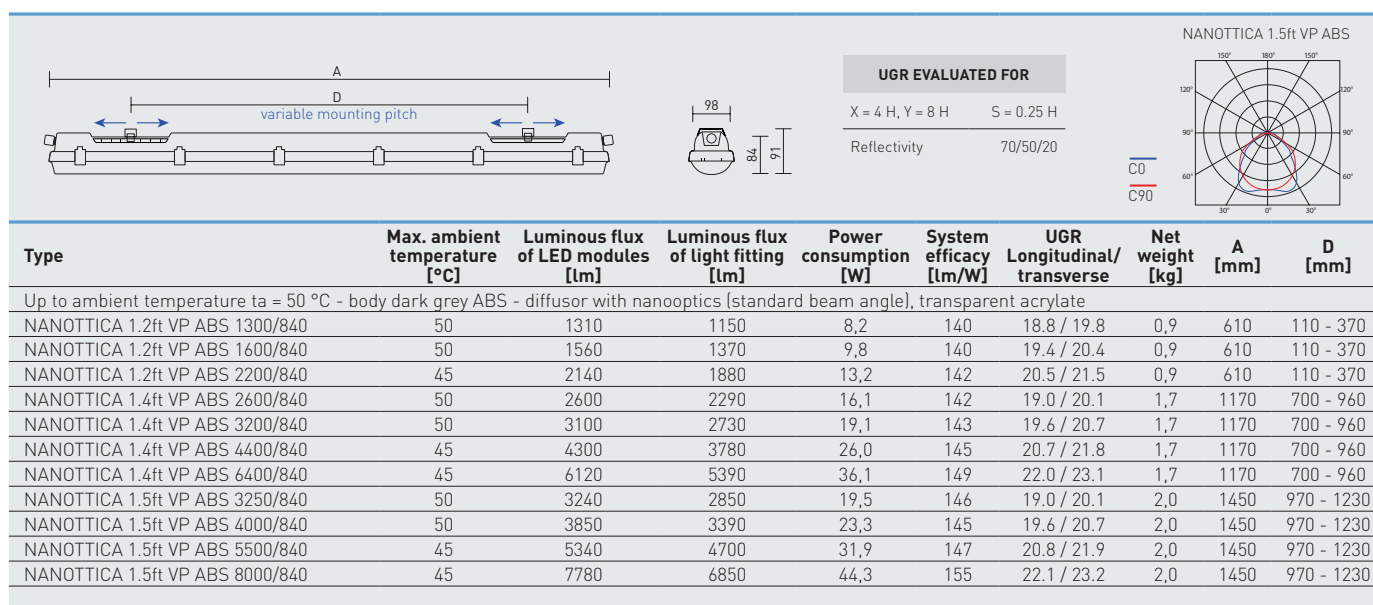


NANOTTICA VP ABS, ABSc



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 18,8 to 23,2**
- Optimum luminaire installation height **from 3.5 to 8 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 (high chemical resistance, UV stability)
- Body: dark grey ABS (high chemical resistance, UV stability)
- **A ventilation membrane** in the base equalizes pressures while blocking water and contaminants
- 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 VP ABS

Code	Type
101369	NANOTTICA 1.2ft VP ABS 1300/840
101370	NANOTTICA 1.2ft VP ABS 1600/840
101371	NANOTTICA 1.2ft VP ABS 2200/840
101372	NANOTTICA 1.4ft VP ABS 2600/840
101373	NANOTTICA 1.4ft VP ABS 3200/840
101374	NANOTTICA 1.4ft VP ABS 4400/840
101375	NANOTTICA 1.4ft VP ABS 6400/840
101376	NANOTTICA 1.5ft VP ABS 3250/840
101377	NANOTTICA 1.5ft VP ABS 4000/840
101378	NANOTTICA 1.5ft VP ABS 5500/840
101379	NANOTTICA 1.5ft VP ABS 8000/840

Non-dimmable driver - plastic clips

	3F	M3h	3F M3h
101380		x	x
101381		x	x
101382		x	x
101383		101391	101399
101384		101392	101400
101385		101393	101401
101386		101394	101402
101387		101395	101403
101388		101396	101404
101389		101397	101405
101390		101398	101406

NANOTTICA VP ABSc

Code	Type
101407	NANOTTICA 1.2ft VP ABSc 1300/840
101408	NANOTTICA 1.2ft VP ABSc 1600/840
101409	NANOTTICA 1.2ft VP ABSc 2200/840
101410	NANOTTICA 1.4ft VP ABSc 2600/840
101411	NANOTTICA 1.4ft VP ABSc 3200/840
101412	NANOTTICA 1.4ft VP ABSc 4400/840
101413	NANOTTICA 1.4ft VP ABSc 6400/840
101414	NANOTTICA 1.5ft VP ABSc 3250/840
101415	NANOTTICA 1.5ft VP ABSc 4000/840
101416	NANOTTICA 1.5ft VP ABSc 5500/840
101417	NANOTTICA 1.5ft VP ABSc 8000/840

Non-dimmable driver - stainless clips [c]

	3F	M3h	3F M3h
101418		x	x
101419		x	x
101420		x	x
101421		101429	101437
101422		101430	101438
101423		101431	101439
101424		101432	101440
101425		101433	101441
101426		101434	101442
101427		101435	101443
101428		101436	101444

NANOTTICA VP ABS DALI

Code	Type
101445	NANOTTICA 1.2ft VP ABS 1300/840 DALI
101446	NANOTTICA 1.2ft VP ABS 1600/840 DALI
101447	NANOTTICA 1.2ft VP ABS 2200/840 DALI
101448	NANOTTICA 1.4ft VP ABS 2600/840 DALI
101449	NANOTTICA 1.4ft VP ABS 3200/840 DALI
101450	NANOTTICA 1.4ft VP ABS 4400/840 DALI
101451	NANOTTICA 1.4ft VP ABS 6400/840 DALI
101452	NANOTTICA 1.5ft VP ABS 3250/840 DALI
101453	NANOTTICA 1.5ft VP ABS 4000/840 DALI
101454	NANOTTICA 1.5ft VP ABS 5500/840 DALI
101455	NANOTTICA 1.5ft VP ABS 8000/840 DALI

Digital dimmable driver DALI - plastic clips

3F	M3h	3F M3h
x	x	x
x	x	x
x	x	x
101459	101467	101475
101460	101468	101476
101461	101469	101477
101462	101470	101478
101463	101471	101479
101464	101472	101480
101465	101473	101481
101466	101474	101482

NANOTTICA VP ABSc DALI

Code	Type
101483	NANOTTICA 1.2ft VP ABSc 1300/840 DALI
101484	NANOTTICA 1.2ft VP ABSc 1600/840 DALI
101485	NANOTTICA 1.2ft VP ABSc 2200/840 DALI
101486	NANOTTICA 1.4ft VP ABSc 2600/840 DALI
101487	NANOTTICA 1.4ft VP ABSc 3200/840 DALI
101488	NANOTTICA 1.4ft VP ABSc 4400/840 DALI
101489	NANOTTICA 1.4ft VP ABSc 6400/840 DALI
101490	NANOTTICA 1.5ft VP ABSc 3250/840 DALI
101491	NANOTTICA 1.5ft VP ABSc 4000/840 DALI
101492	NANOTTICA 1.5ft VP ABSc 5500/840 DALI
101493	NANOTTICA 1.5ft VP ABSc 8000/840 DALI

Digital dimmable driver DALI - stainless clips (c)

3F	M3h	3F M3h
x	x	x
x	x	x
x	x	x
101497	101505	101513
101498	101506	101514
101499	101507	101515
101500	101508	101516
101501	101509	101517
101502	101510	101518
101503	101511	101519
101504	101512	101520

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 VP ABS



LIGHT FITTING DETAILED VIEW

NANOTTICA VP ABS

