

# NANOTTICA VP



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

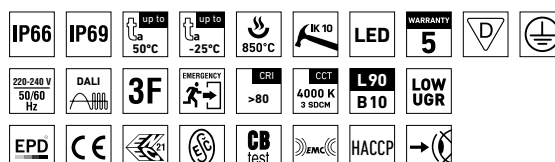
The fitting's **standard beam angle** makes it a great choice for premises with an optimum fitting installation height of **3.5 to 8 m**.

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 fixture is highly recommended for **industrial premises, warehouses, agricultural buildings, sports facilities as well as transport hubs, car parks and garages, workshops and laboratories** with no explosion hazard. IP69-rated and HACCP-compliant, the fitting's design also makes it a great 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 **20,0 to 24,6**
- 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 **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, ESC, ENEC, CB, HACCP**

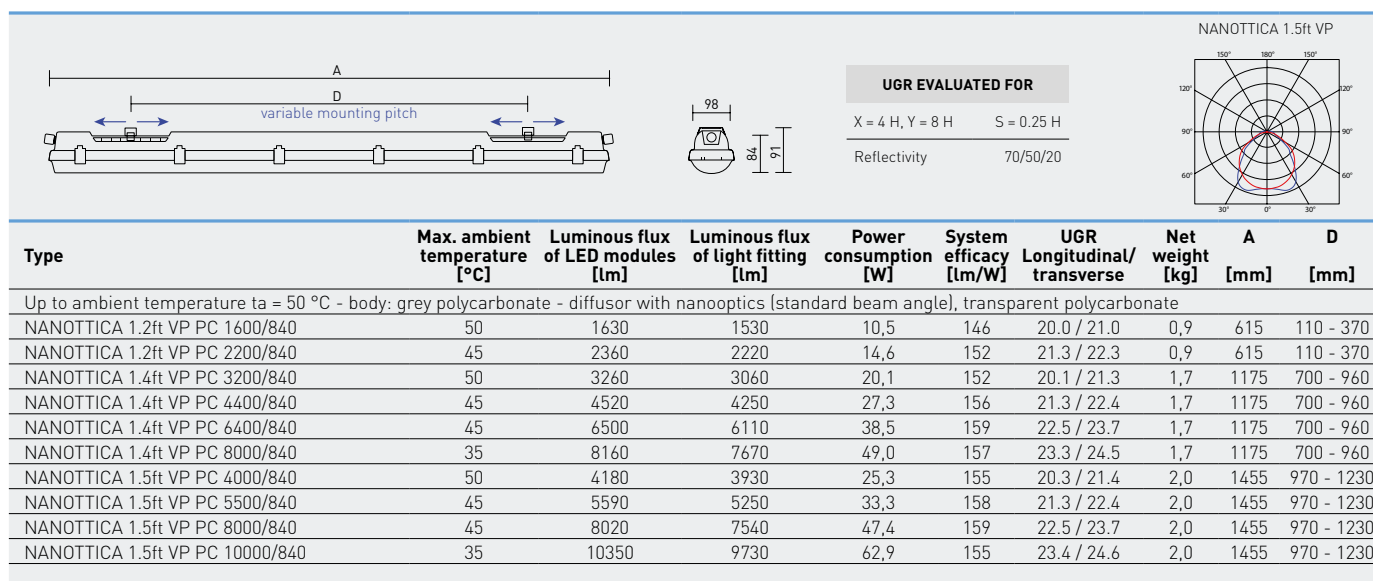


## NANOTTICA VP PC, PCc



## 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: **159 lm/W**
- **UGR ranging from 20,0 to 24,6**
- 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 PC with nanooptics** (high mechanical resistance, UV stability)
- Body: grey PC (high mechanical 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 PC

Code	Type
101218	NANOTTICA 1.2ft VP PC 1600/840
101219	NANOTTICA 1.2ft VP PC 2200/840
101221	NANOTTICA 1.4ft VP PC 3200/840
101222	NANOTTICA 1.4ft VP PC 4400/840
101223	NANOTTICA 1.4ft VP PC 6400/840
110253	NANOTTICA 1.4ft VP PC 8000/840
101225	NANOTTICA 1.5ft VP PC 4000/840
101226	NANOTTICA 1.5ft VP PC 5500/840
101227	NANOTTICA 1.5ft VP PC 8000/840
110254	NANOTTICA 1.5ft VP PC 10000/840

Non-dimmable driver - plastic clips

3F	M3hAt	3F M3hAt
101229	x	x
101230	x	x
101232	108255	108263
101233	108256	108264
101234	108257	108265
110255	x	x
101236	108259	108267
101237	108260	108268
101238	108261	108269
110256	x	x

## NANOTTICA VP PCc

Code	Type
101256	NANOTTICA 1.2ft VP PCc 1600/840
101257	NANOTTICA 1.2ft VP PCc 2200/840
101259	NANOTTICA 1.4ft VP PCc 3200/840
101260	NANOTTICA 1.4ft VP PCc 4400/840
101261	NANOTTICA 1.4ft VP PCc 6400/840
110257	NANOTTICA 1.4ft VP PCc 8000/840
101263	NANOTTICA 1.5ft VP PCc 4000/840
101264	NANOTTICA 1.5ft VP PCc 5500/840
101265	NANOTTICA 1.5ft VP PCc 8000/840
110258	NANOTTICA 1.5ft VP PCc 10000/840

Non-dimmable driver - stainless clips [c]

3F	M3hAt	3F M3hAt
101267	x	x
101268	x	x
101270	108271	108279
101271	108272	108280
101272	108273	108281
110259	x	x
101274	108275	108379
101275	108276	108380
101276	108277	108381
110260	x	x

## NANOTTICA VP PC DALI

Code	Type
101294	NANOTTICA 1.2ft VP PC 1600/840 DALI
101295	NANOTTICA 1.2ft VP PC 2200/840 DALI
101297	NANOTTICA 1.4ft VP PC 3200/840 DALI
101298	NANOTTICA 1.4ft VP PC 4400/840 DALI
101299	NANOTTICA 1.4ft VP PC 6400/840 DALI
110261	NANOTTICA 1.4ft VP PC 8000/840 DALI
101301	NANOTTICA 1.5ft VP PC 4000/840 DALI
101302	NANOTTICA 1.5ft VP PC 5500/840 DALI
101303	NANOTTICA 1.5ft VP PC 8000/840 DALI
110262	NANOTTICA 1.5ft VP PC 10000/840 DALI

## Digital dimmable driver DALI - plastic clips

3F	M3hAt	3F M3hAt
x	x	x
x	x	x
101308	108283	108291
101309	108284	108292
101310	108285	108293
110263	x	x
101312	108287	108295
101313	108288	108296
101314	108289	108297
110264	x	x

## NANOTTICA VP PCc DALI

Code	Type
101332	NANOTTICA 1.2ft VP PCc 1600/840 DALI
101333	NANOTTICA 1.2ft VP PCc 2200/840 DALI
101335	NANOTTICA 1.4ft VP PCc 3200/840 DALI
101336	NANOTTICA 1.4ft VP PCc 4400/840 DALI
101337	NANOTTICA 1.4ft VP PCc 6400/840 DALI
110265	NANOTTICA 1.4ft VP PCc 8000/840 DALI
101339	NANOTTICA 1.5ft VP PCc 4000/840 DALI
101340	NANOTTICA 1.5ft VP PCc 5500/840 DALI
101341	NANOTTICA 1.5ft VP PCc 8000/840 DALI
110266	NANOTTICA 1.5ft VP PCc 10000/840 DALI

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

3F	M3hAt	3F M3hAt
x	x	x
x	x	x
101346	108299	108307
101347	108300	108308
101348	108301	108309
110267	x	x
101350	108303	108311
101351	108304	108312
101352	108305	108313
110268	x	x

## LEGEND

- 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 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 VP PC



## LIGHT FITTING DETAILED VIEW

NANOTTICA VP PC

