

NANOTTICA WB



... ceiling height from 2.5 to 4 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**.

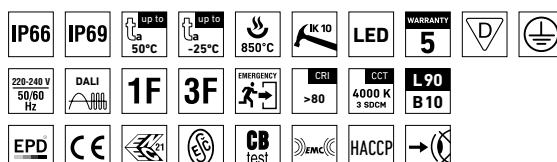
The fitting is highly recommended for **illumination of premises where workers' visual precision is of paramount importance**. These include workshops where fine assembly work is performed as well as craft workshops and visual inspection areas.

The fitting's **wide beam angle** makes it a great choice for premises with an optimum fitting installation height ranging from **2.5 to 4 m**. It is designed for indoor spaces, **production plants, multi-storey car parks and garages as well as workshops, corridors, cellars, pedestrian underpasses and underground spaces with low ceilings**. IP69-rated and HACCP-compliant, the fitting's design also makes it suitable 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
- Wide Beam angle (WB), optimum luminaire installation height from 2.5 to 4 m
- Low **UGR ranging from 21,5 to 25,2**
- 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**

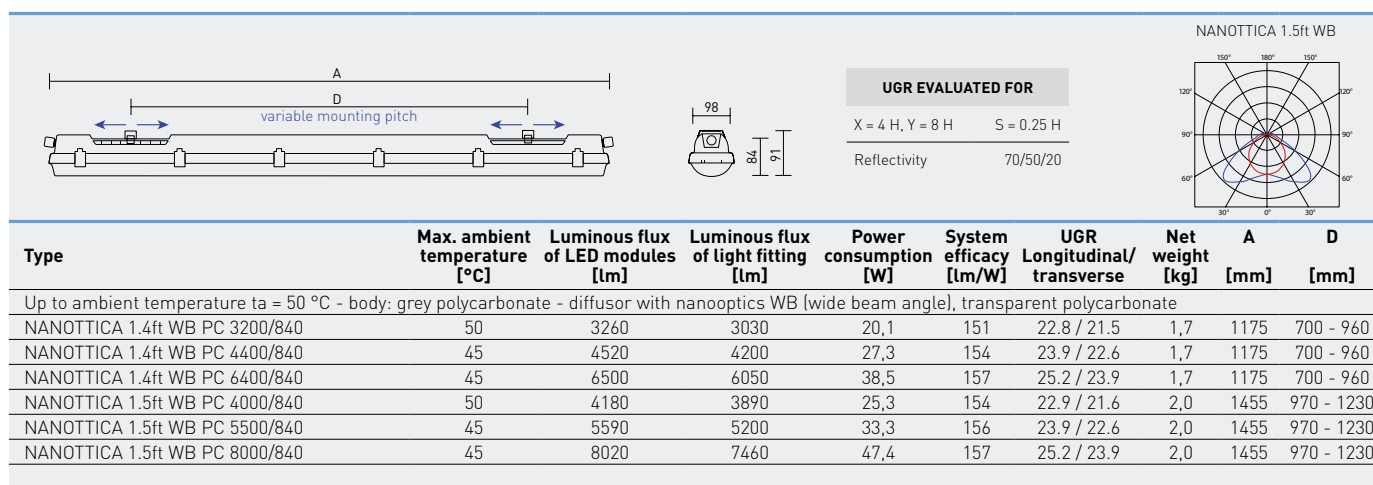


NANOTTICA WB PC, PCc



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: **157 lm/W**
- **UGR ranging from 21,5 to 25,2**
- 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 PC with nanooptics**
- **Wide Beam** (high mechanical resistance, UV stability)
- Body: grey PC (high mechanical 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 and 3-pole (standard version), or screw terminal
- The values stated for power consumption and luminous flux are in a tolerance of $\pm 7.5 \%$



NANOTTICA WB PC

Code	Type
100386	NANOTTICA 1.4ft WB PC 3200/840
100387	NANOTTICA 1.4ft WB PC 4400/840
100388	NANOTTICA 1.4ft WB PC 6400/840
100390	NANOTTICA 1.5ft WB PC 4000/840
100391	NANOTTICA 1.5ft WB PC 5500/840
100392	NANOTTICA 1.5ft WB PC 8000/840

Non-dimmable driver - plastic clips

1F	3F	M3hAt	3F M3hAt
100394	100402	108031	108039
100395	100403	108032	108040
100396	100404	108033	108041
100398	100406	108035	108043
100399	100407	108036	108044
100400	100408	108037	108045

NANOTTICA WB PCc

Code	Type
100442	NANOTTICA 1.4ft WB PCc 3200/840
100443	NANOTTICA 1.4ft WB PCc 4400/840
100444	NANOTTICA 1.4ft WB PCc 6400/840
100446	NANOTTICA 1.5ft WB PCc 4000/840
100447	NANOTTICA 1.5ft WB PCc 5500/840
100448	NANOTTICA 1.5ft WB PCc 8000/840

Non-dimmable driver - stainless clips [c]

1F	3F	M3hAt	3F M3hAt
100450	100458	108047	108055
100451	100459	108048	108056
100452	100460	108049	108057
100454	100462	108051	108251
100455	100463	108052	108252
100456	100464	108053	108253

NANOTTICA WB PC DALI

Code	Type
100498	NANOTTICA 1.4ft WB PC 3200/840 DALI
100499	NANOTTICA 1.4ft WB PC 4400/840 DALI
100500	NANOTTICA 1.4ft WB PC 6400/840 DALI
100502	NANOTTICA 1.5ft WB PC 4000/840 DALI
100503	NANOTTICA 1.5ft WB PC 5500/840 DALI
100504	NANOTTICA 1.5ft WB PC 8000/840 DALI

Digital dimmable driver DALI - plastic clips

1F	3F	M3hAt	3F M3hAt
100506	100514	108059	108067
100507	100515	108060	108068
100508	100516	108061	108069
100510	100518	108063	108071
100511	100519	108064	108072
100512	100520	108065	108073

NANOTTICA WB PCc DALI

Code	Type
100554	NANOTTICA 1.4ft WB PCc 3200/840 DALI
100555	NANOTTICA 1.4ft WB PCc 4400/840 DALI
100556	NANOTTICA 1.4ft WB PCc 6400/840 DALI
100558	NANOTTICA 1.5ft WB PCc 4000/840 DALI
100559	NANOTTICA 1.5ft WB PCc 5500/840 DALI
100560	NANOTTICA 1.5ft WB PCc 8000/840 DALI

Digital dimmable driver DALI - stainless clips (c)

1F	3F	M3hAt	3F M3hAt
100562	100570	108075	108083
100563	100571	108076	108084
100564	100572	108077	108085
100566	100574	108079	108087
100567	100575	108080	108088
100568	100576	108081	108089

LEGEND

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



LIGHT FITTING DETAILED VIEW

NANOTTICA WB PC

