

# NANOTTICA SNS WB

NEW



... with movement detector, ceiling height from 2.5 to 4 m.

## 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**.

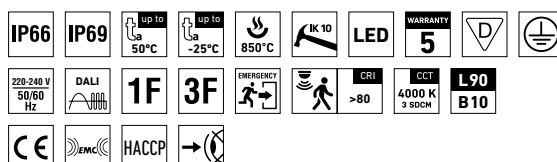
The fitting is highly recommended for **illumination of premises where workers' visual precision is of paramount importance**. These include workshops where fine assembly work is performed as well as craft workshops and visual inspection areas.

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
- Includes an in-built **microwave motion sensor**
- 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: **HACCP**

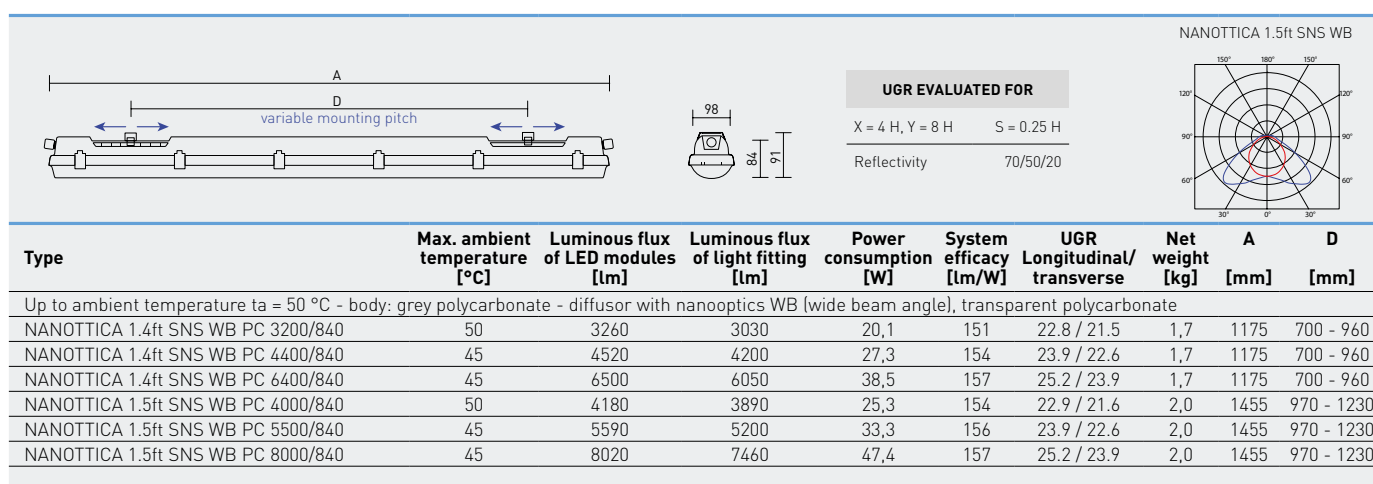


## NANOTTICA SNS WB PC, PCc



## 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
- **Motion sensor:** detection angle 30°-150°, switch on height 1 – 6 m, time range 5 sec – 15 min, switch-on sensitivity 2 – 50 lux
- Cable glands: screwed PG 13.5
- Terminal block: screwless and 3-pole (stand-ard version), or screw terminal
- The values stated for power consumption and luminous flux are in a tolerance of ± 7.5 %



## NANOTTICA SNS WB PC

Code	Type
103759	NANOTTICA 1.4ft SNS WB PC 3200/840
103760	NANOTTICA 1.4ft SNS WB PC 4400/840
103761	NANOTTICA 1.4ft SNS WB PC 6400/840
103763	NANOTTICA 1.5ft SNS WB PC 4000/840
103764	NANOTTICA 1.5ft SNS WB PC 5500/840
103765	NANOTTICA 1.5ft SNS WB PC 8000/840

Non-dimmable driver - plastic clips

1F	3F	M3hAt	3F M3hAt
103767	103775	103791	103807
103768	103776	103792	103808
103769	103777	103793	103809
103771	103779	103795	103811
103772	103780	103796	103812
103773	103781	103797	103813

## NANOTTICA SNS WB PCc

Code	Type
103815	NANOTTICA 1.4ft SNS WB PCc 3200/840
103816	NANOTTICA 1.4ft SNS WB PCc 4400/840
103817	NANOTTICA 1.4ft SNS WB PCc 6400/840
103819	NANOTTICA 1.5ft SNS WB PCc 4000/840
103820	NANOTTICA 1.5ft SNS WB PCc 5500/840
103821	NANOTTICA 1.5ft SNS WB PCc 8000/840

Non-dimmable driver - stainless clips [c]

1F	3F	M3hAt	3F M3hAt
103823	103831	103847	103863
103824	103832	103848	103864
103825	103833	103849	103865
103827	103835	103851	103867
103828	103836	103852	103868
103829	103837	103853	103869

## NANOTTICA SNS WB PC CORRIDOR

Code	Type
103871	NANOTTICA 1.4ft SNS WB PC 3200/840 COR
103872	NANOTTICA 1.4ft SNS WB PC 4400/840 COR
103873	NANOTTICA 1.4ft SNS WB PC 6400/840 COR
103875	NANOTTICA 1.5ft SNS WB PC 4000/840 COR
103876	NANOTTICA 1.5ft SNS WB PC 5500/840 COR
103877	NANOTTICA 1.5ft SNS WB PC 8000/840 COR

## Digital dimmable driver DALI - plastic clips

1F	3F	M3hAt	3F M3hAt
103879	103887	103903	103919
103880	103888	103904	103920
103881	103889	103905	103921
103883	103891	103907	103923
103884	103892	103908	103924
103885	103893	103909	103925

## NANOTTICA SNS WB PCc CORRIDOR

Code	Type
103927	NANOTTICA 1.4ft SNS WB PCc 3200/840 COR
103928	NANOTTICA 1.4ft SNS WB PCc 4400/840 COR
103929	NANOTTICA 1.4ft SNS WB PCc 6400/840 COR
103931	NANOTTICA 1.5ft SNS WB PCc 4000/840 COR
103932	NANOTTICA 1.5ft SNS WB PCc 5500/840 COR
103933	NANOTTICA 1.5ft SNS WB PCc 8000/840 COR

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

1F	3F	M3hAt	3F M3hAt
103935	103943	103959	103975
103936	103944	103960	103976
103937	103945	103961	103977
103939	103947	103963	103979
103940	103948	103964	103980
103941	103949	103965	103981

## LEGEND

- 1F** - 1-phase 3 core through-wiring in the luminaire for connection of max. 5 slave luminaires
- 3F** - 3-phase 5 core through-wiring in the luminaire for connection of max. 5 slave luminaires (sensor connected to L3)
- 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 for connection of max. 5 slave luminaires (sensor and emergency unit connected to L3)
- COR** - version with digital dimmable driver DALI and set CORRIDOR function
- COR 1F** - 1-phase 5 core through-wiring in the luminaire for connection of max. 20 luminaires
- COR 3F** - 3-phase 7 core through-wiring in the luminaire for connection of max. 20 luminaires (sensor connected to L1)
- COR 3F M3hAt** - 3-phase 7 core through-wiring in the luminaire for connection of max. 20 luminaires (sensor connected to L1 and emergency unit to L3)

## 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 SNS WB PC



## LIGHT FITTING DETAILED VIEW

NANOTTICA SNS WB PC

