NANOTTICA SNS WB



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

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 421.

ADVANTAGES

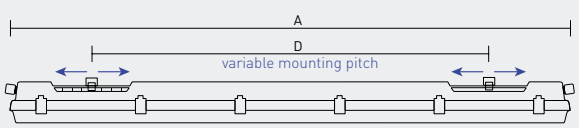
- Patented optics ensures absolute control over light beam distribution
- Includes an in-built **microwave motion sensor**
- Wide Beam angle (WB), optimum luminaire installation height from 2.5 to 4 m
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from ta = -25°C to **ta = 50°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
- **MultiLumen (ML)** function enables simple switching between up to four luminous fluxes via driver's DIP switch.
- 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**

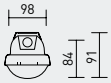
NANOTTICA SNS WB PC, PCc



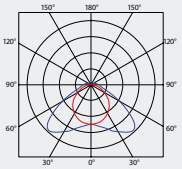
TECHNICAL DESCRIPTION

- 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: **163 lm/W**
- 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
- **MultiLumen (ML):** luminous flux variable in up to 4 steps. In the standard version preset maximum luminous flux.
- 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 (standard version), or screw terminal
- The values stated for power consumption and luminous flux are in a tolerance of ± 7.5 %





NANOTTICA 1.5ft SNS WB



Type	Max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Preselected Step 1 of MultiLumen function			Net weight [kg]	A [mm]	D [mm]
			Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]			
Up to ambient temperature ta = 50 °C - body: grey polycarbonate - diffusor with nanooptics WB (wide beam angle), transparent polycarbonate								
NANOTTICA 1.4ft SNS WB PC 3200/840	50	3260	3030	20,1	151	1,7	1175	700 - 960
NANOTTICA 1.4ft SNS WB PC 4400/840 *	45	4520	4200	27,3	154	1,7	1175	700 - 960
NANOTTICA 1.4ft SNS WB PC 6400/840 *	45	6500	6050	38,5	157	1,7	1175	700 - 960
NANOTTICA 1.5ft SNS WB PC 4000/840	50	4180	3890	25,3	154	2,0	1455	970 - 1230
NANOTTICA 1.5ft SNS WB PC 5500/840 *	45	5590	5200	33,3	156	2,0	1455	970 - 1230
NANOTTICA 1.5ft SNS WB PC 8000/840 *	45	8020	7460	47,4	157	2,0	1455	970 - 1230

*) Also available with MultiLumen function:

Type	MultiLumen function								
	Step 2			Step 3			Step 4		
	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]
NANOTTICA 1.4ft SNS WB PC 4400/840 ML	3650	23,3	157	3080	19,5	158	2490	15,8	158
NANOTTICA 1.4ft SNS WB PC 6400/840 ML	5250	32,8	160	4440	27,4	162	3600	22,1	163
NANOTTICA 1.5ft SNS WB PC 5500/840 ML	4500	28,4	158	3790	23,6	161	3070	19,1	161
NANOTTICA 1.5ft SNS WB PC 8000/840 ML	6480	40,4	160	5480	33,6	163	4440	27,2	163

NANOTTICA SNS WB PC

Code	Type	Non-dimmable driver - plastic clips			
		1F	3F	M3hAt	3F M3hAt
103759	NANOTTICA 1.4ft SNS WB PC 3200/840	103767	103775	103791	103807
103760	NANOTTICA 1.4ft SNS WB PC 4400/840 ML	103768	103776	103792	103808
103761	NANOTTICA 1.4ft SNS WB PC 6400/840 ML	103769	103777	103793	103809
103763	NANOTTICA 1.5ft SNS WB PC 4000/840	103771	103779	103795	103811
103764	NANOTTICA 1.5ft SNS WB PC 5500/840 ML	103772	103780	103796	103812
103765	NANOTTICA 1.5ft SNS WB PC 8000/840 ML	103773	103781	103797	103813

NANOTTICA SNS WB PCc

Non-dimmable driver - stainless clips (c)

Code	Type	1F	3F	M3hAt	3F M3hAt
103815	NANOTTICA 1.4ft SNS WB PCc 3200/840	103823	103831	103847	103863
103816	NANOTTICA 1.4ft SNS WB PCc 4400/840 ML	103824	103832	103848	103864
103817	NANOTTICA 1.4ft SNS WB PCc 6400/840 ML	103825	103833	103849	103865
103819	NANOTTICA 1.5ft SNS WB PCc 4000/840	103827	103835	103851	103867
103820	NANOTTICA 1.5ft SNS WB PCc 5500/840 ML	103828	103836	103852	103868
103821	NANOTTICA 1.5ft SNS WB PCc 8000/840 ML	103829	103837	103853	103869

NANOTTICA SNS WB PC CORRIDOR

Digital dimmable driver DALI - plastic clips

Code	Type	1F	3F	M3hAt	3F M3hAt
103871	NANOTTICA 1.4ft SNS WB PC 3200/840 COR	103879	103887	103903	103919
103872	NANOTTICA 1.4ft SNS WB PC 4400/840 COR	103880	103888	103904	103920
103873	NANOTTICA 1.4ft SNS WB PC 6400/840 COR	103881	103889	103905	103921
103875	NANOTTICA 1.5ft SNS WB PC 4000/840 COR	103883	103891	103907	103923
103876	NANOTTICA 1.5ft SNS WB PC 5500/840 COR	103884	103892	103908	103924
103877	NANOTTICA 1.5ft SNS WB PC 8000/840 COR	103885	103893	103909	103925

NANOTTICA SNS WB PCc CORRIDOR

Digital dimmable driver DALI - stainless clips (c)

Code	Type	1F	3F	M3hAt	3F M3hAt
103927	NANOTTICA 1.4ft SNS WB PCc 3200/840 COR	103935	103943	103959	103975
103928	NANOTTICA 1.4ft SNS WB PCc 4400/840 COR	103936	103944	103960	103976
103929	NANOTTICA 1.4ft SNS WB PCc 6400/840 COR	103937	103945	103961	103977
103931	NANOTTICA 1.5ft SNS WB PCc 4000/840 COR	103939	103947	103963	103979
103932	NANOTTICA 1.5ft SNS WB PCc 5500/840 COR	103940	103948	103964	103980
103933	NANOTTICA 1.5ft SNS WB PCc 8000/840 COR	103941	103949	103965	103981

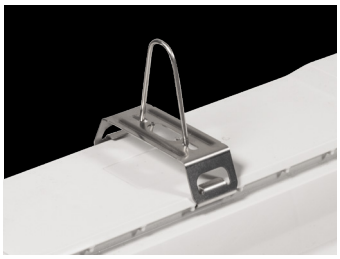
LEGEND

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 M3h At - 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)

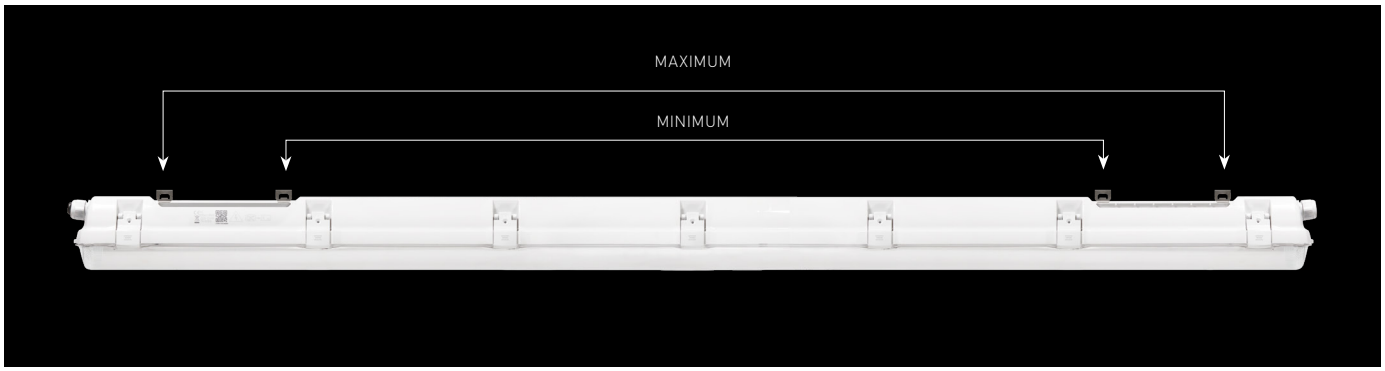
LIGHT FITTING ATTACHMENT

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





