

# NANOTTICA SNS



... with movement detector, ceiling height from 3.5 to 6 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.

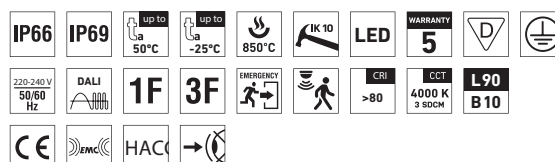
Highly recommended also for illumination of spaces where workers' visual precision is of paramount importance. These include workshops where fine assembly work is performed as well as visual inspection areas. Its standard beam angle with the sensor makes it a perfect choice for premises with an optimum luminaire installation height of 3.5 to 6 m.

It is designed for indoor spaces, industrial premises, agricultural buildings, warehouses as well as sports facilities, 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 367.

## ADVANTAGES

- Patented optics ensures absolute control over light beam distribution
- Includes an in-built microwave motion sensor
- Low UGR ranging from 18,9 to 23,1
- Light fitting protection IP66 / IP69
- High temperature resistance in a range from  $t_a = -25\text{ }^\circ\text{C}$  to  $t_a = 50\text{ }^\circ\text{C}$
- Lifetime: 50 000 hours / L90B10
- 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

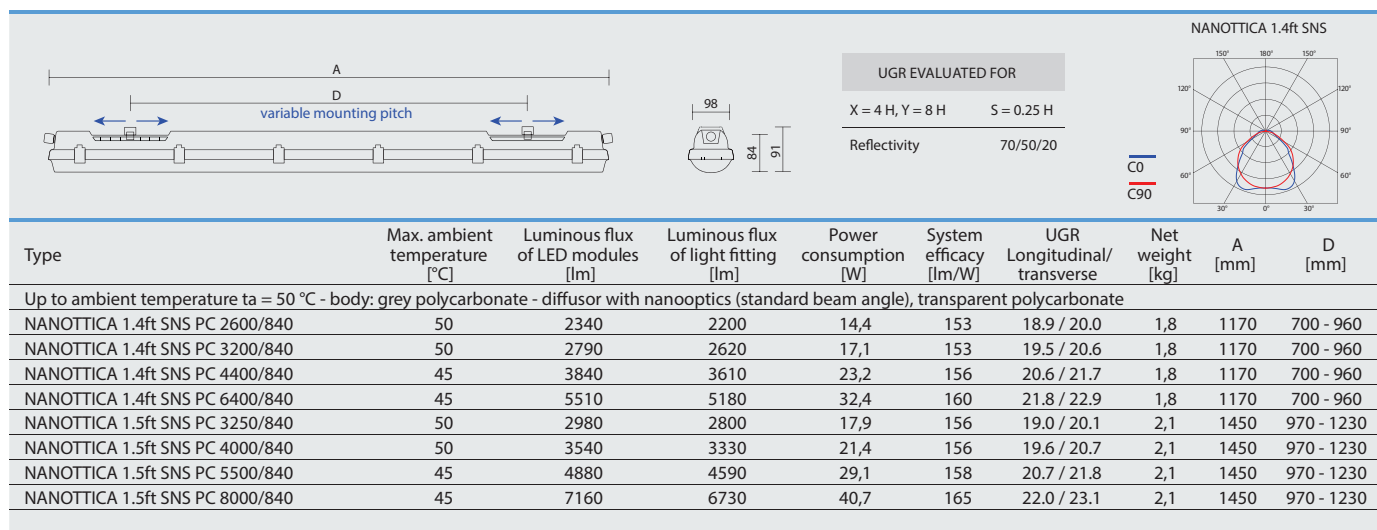


## NANOTTICA SNS PC, PCc



### TECHNICAL DESCRIPTION

- Light fitting protection: IP66 / IP69
- Maximum ambient temperature:  $t_a = 50\text{ }^\circ\text{C}$
- Maximum ambient temperature:  $t_a = 0-25\text{ }^\circ\text{C}$  for version with emergency back-up M1h, M3h
- Lifetime: 50 000 hours / L90B10
- Maximum light fitting efficiency: 165 lm/W
- UGR ranging from 18,9 to 23,1
- Optimum luminaire installation height from 3.5 to 6 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)
- Reflector: steel sheet, white colour (RAL 9003)
- Mounting clips: stainless steel, stainless steel hooks included
- Clips: polyamide + 15 % glass fibre or stain - less steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- Motion sensor: 360° range, switch on height 1 – 6 m, time range 5 sec – 30 min, switch-on sensitivity 2 – 50 lux
- Cable glands: screwed PG 13.5 (standard), or rubber (SBS)
- 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 SNS PC

Code	Type
102073	NANOTTICA 1.4ft SNS PC 2600/840
102074	NANOTTICA 1.4ft SNS PC 3200/840
102075	NANOTTICA 1.4ft SNS PC 4400/840
102076	NANOTTICA 1.4ft SNS PC 6400/840
102077	NANOTTICA 1.5ft SNS PC 3250/840
102078	NANOTTICA 1.5ft SNS PC 4000/840
102079	NANOTTICA 1.5ft SNS PC 5500/840
102080	NANOTTICA 1.5ft SNS PC 8000/840

### Non-dimmable driver - plastic clips

	1F	3F	M1h	M3h	3F M1h	3F M3h
102081	102089	102097	102105	102111	102119	
102082	102090	102098	102106	102112	102120	
102083	102091	102099	102107	102113	102121	
102084	102092	102100	103647	102114	103648	
102085	102093	102101	102108	102115	102122	
102086	102094	102102	102109	102116	102123	
102087	102095	102103	102110	102117	102124	
102088	102096	102104	103649	102118	103418	

### NANOTTICA SNS PCc

Code	Type
102125	NANOTTICA 1.4ft SNS PCc 2600/840
102126	NANOTTICA 1.4ft SNS PCc 3200/840
102127	NANOTTICA 1.4ft SNS PCc 4400/840
102128	NANOTTICA 1.4ft SNS PCc 6400/840
102129	NANOTTICA 1.5ft SNS PCc 3250/840
102130	NANOTTICA 1.5ft SNS PCc 4000/840
102131	NANOTTICA 1.5ft SNS PCc 5500/840
102132	NANOTTICA 1.5ft SNS PCc 8000/840

### Non-dimmable driver - stainless clips (c)

	1F	3F	M1h	M3h	3F M1h	3F M3h
102133	102141	102149	102157	102163	102171	
102134	102142	102150	102158	102164	102172	
102135	102143	102151	102159	102165	102173	
102136	102144	102152	103419	102166	103420	
102137	102145	102153	102160	102167	102174	
102138	102146	102154	102161	102168	102175	
102139	102147	102155	102162	102169	102176	
102140	102148	102156	103421	102170	103422	

### NANOTTICA SNS PC CORRIDOR

Code	Type
102177	NANOTTICA 1.4ft SNS PC 2600/840 CORRIDOR
102178	NANOTTICA 1.4ft SNS PC 3200/840 CORRIDOR
102179	NANOTTICA 1.4ft SNS PC 4400/840 CORRIDOR
102180	NANOTTICA 1.4ft SNS PC 6400/840 CORRIDOR
102181	NANOTTICA 1.5ft SNS PC 3250/840 CORRIDOR
102182	NANOTTICA 1.5ft SNS PC 4000/840 CORRIDOR
102183	NANOTTICA 1.5ft SNS PC 5500/840 CORRIDOR
102184	NANOTTICA 1.5ft SNS PC 8000/840 CORRIDOR

#### Digital dimmable driver DALI - plastic clips

	1F	3F	M1h	M3h	3F M1h	3F M3h
	102185	102193	102201	106717	102212	106720
	102186	102194	102202	106718	102213	106721
	102187	102195	102203	106719	102214	106722
	102188	102196	102204	103635	102215	103637
	102189	102197	102205	102209	102216	102220
	102190	102198	102206	102210	102217	102221
	102191	102199	102207	102211	102218	102222
	102192	102200	102208	103636	102219	103638

### NANOTTICA SNS PCc CORRIDOR

Code	Type
102223	NANOTTICA 1.4ft SNS PCc 2600/840 CORRIDOR
102224	NANOTTICA 1.4ft SNS PCc 3200/840 CORRIDOR
102225	NANOTTICA 1.4ft SNS PCc 4400/840 CORRIDOR
102226	NANOTTICA 1.4ft SNS PCc 6400/840 CORRIDOR
102227	NANOTTICA 1.5ft SNS PCc 3250/840 CORRIDOR
102228	NANOTTICA 1.5ft SNS PCc 4000/840 CORRIDOR
102229	NANOTTICA 1.5ft SNS PCc 5500/840 CORRIDOR
102230	NANOTTICA 1.5ft SNS PCc 8000/840 CORRIDOR

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

	1F	3F	M1h	M3h	3F M1h	3F M3h
	102231	102239	102247	106723	102265	106726
	102232	102240	102248	106724	102266	106727
	102233	102241	102256	106725	102267	106728
	102234	102242	102257	103639	102268	103641
	102235	102243	102258	102262	102269	102273
	102236	102244	102259	102263	102270	102274
	102237	102245	102260	102264	102271	102275
	102238	102246	102261	103640	102272	103642

### LEGEND

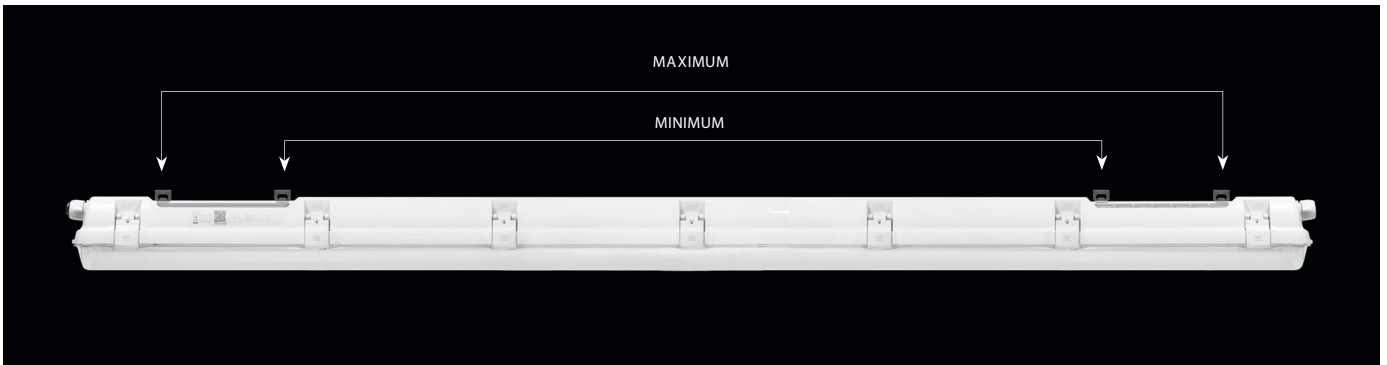
- SNS 1F 1-phase 3 core through-wiring in the luminaire for connection of max. 5 slave luminaires
- SNS 3F 3-phase 5 core through-wiring in the luminaire for connection of max. 5 slave luminaires (sensor connected to L3)
- M1h emergency back-up source with 1 hour operating time for maintained emergency illumination
- M3h emergency back-up source with 3 hour operating time for maintained emergency illumination
- SNS 3F Mxh 3-phase 5 core through-wiring in the luminaire for connection of max. 5 slave luminaires (sensor and emergency unit connected to L3)
  
- CORRIDOR version with digital dimmable driver DALI and set corridor function
- CORRIDOR 1F 1-phase 5 core through-wiring in the luminaire for connection of max. 20 luminaires
- CORRIDOR 3F 3-phase 7 core through-wiring in the luminaire for connection of max. 20 luminaires (sensor connected to L3)
- CORRIDOR 3F Mxh 3-phase 7 core through-wiring in the luminaire for connection of max. 20 luminaires (sensor and emergency unit connected 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



### LIGHT FITTING DETAILED VIEW NANOTTICA SNS

