

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.

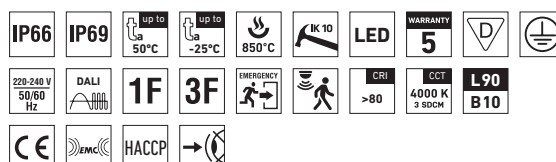
Highly recommended also for **illumination of spaces where workers' visual precision is of paramount importance**. These include workshops where fine assembly work is performed as well as visual inspection areas. Its **standard beam angle with the sensor** makes it a perfect choice for premises with 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 $t_a = -25^{\circ}\text{C}$ to $t_a = 50^{\circ}\text{C}$
- 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: **ta = 50 °C**
- Maximum ambient temperature: **ta = 0-25 °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 stainless 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 1.4ft SNS | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------|-------------------------------------|-----------------------|------------------------|--------------------------------------------------------------------------------------------|-----------------|--------|------------|
| | | | | | | UGR EVALUATED FOR X = 4 H, Y = 8 H S = 0.25 H Reflectivity 70/50/20 | | | |
| Type | Max. ambient temperature [°C] | Luminous flux of LED modules [lm] | Luminous flux of light fitting [lm] | Power consumption [W] | System efficacy [lm/W] | UGR Longitudinal/transverse | Net weight [kg] | A [mm] | D [mm] |
| Up to ambient temperature ta = 50 °C - body: grey polycarbonate - diffuser with nanooptics (standard beam angle), transparent polycarbonate | | | | | | | | | |
| NANOTTICA 1.4ft SNS PC 2600/840 | 50 | 2340 | 2200 | 14,4 | 153 | 18.9 / 20.0 | 1,8 | 1170 | 700 - 960 |
| NANOTTICA 1.4ft SNS PC 3200/840 | 50 | 2790 | 2620 | 17,1 | 153 | 19.5 / 20.6 | 1,8 | 1170 | 700 - 960 |
| NANOTTICA 1.4ft SNS PC 4400/840 | 45 | 3840 | 3610 | 23,2 | 156 | 20.6 / 21.7 | 1,8 | 1170 | 700 - 960 |
| NANOTTICA 1.4ft SNS PC 6400/840 | 45 | 5510 | 5180 | 32,4 | 160 | 21.8 / 22.9 | 1,8 | 1170 | 700 - 960 |
| NANOTTICA 1.5ft SNS PC 3250/840 | 50 | 2980 | 2800 | 17,9 | 156 | 19.0 / 20.1 | 2,1 | 1450 | 970 - 1230 |
| NANOTTICA 1.5ft SNS PC 4000/840 | 50 | 3540 | 3330 | 21,4 | 156 | 19.6 / 20.7 | 2,1 | 1450 | 970 - 1230 |
| NANOTTICA 1.5ft SNS PC 5500/840 | 45 | 4880 | 4590 | 29,1 | 158 | 20.7 / 21.8 | 2,1 | 1450 | 970 - 1230 |
| NANOTTICA 1.5ft SNS PC 8000/840 | 45 | 7160 | 6730 | 40,7 | 165 | 22.0 / 23.1 | 2,1 | 1450 | 970 - 1230 |

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 | 102104 | 102114 | 102122 |
| 102085 | 102093 | 102101 | 102108 | 102115 | 102123 |
| 102086 | 102094 | 102102 | 102109 | 102116 | 102124 |
| 102087 | 102095 | 102103 | 102110 | 102117 | 102125 |
| 102088 | 102096 | 102104 | 102107 | 102118 | 102126 |

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 | 102160 | 102166 | 102174 |
| 102137 | 102145 | 102153 | 102161 | 102167 | 102175 |
| 102138 | 102146 | 102154 | 102162 | 102168 | 102176 |
| 102139 | 102147 | 102155 | 102163 | 102169 | 102177 |
| 102140 | 102148 | 102156 | 102164 | 102170 | 102178 |

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

