

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.

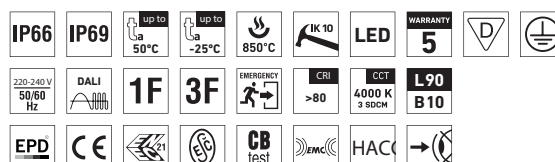
The fitting is highly recommended for illumination of premises where workers' visual precision is of paramount importance. These include workshops where fine assembly work is performed as well as craft workshops and visual inspection areas.

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 367.

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 20,5 to 25
- 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: EPD, ES \checkmark , ENEC, CB, HACCP

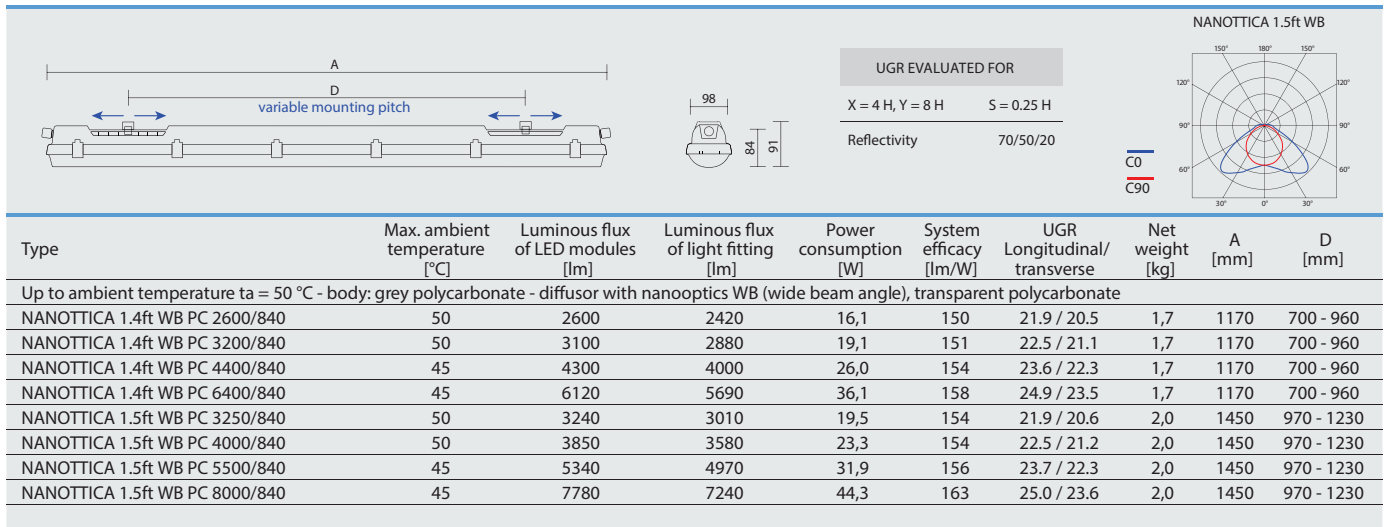


NANOTTICA WB PC, PCc



TECHNICAL DESCRIPTION

- Light fitting protection: IP66 / IP69
- Maximum ambient temperature: $t_a = 50\text{ }^\circ\text{C}$
- Maximum ambient temperature: $t_a = 0\text{-}25\text{ }^\circ\text{C}$ for version with emergency back-up M1h, M3h
- Lifetime: 50 000 hours / L90B10
- Maximum light fitting efficiency: 163 lm/W
- UGR ranging from 20,5 to 25
- 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 (standard), or rubber (SBS)
- 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 |
|--------|--------------------------------|
| 100385 | NANOTTICA 1.4ft WB PC 2600/840 |
| 100386 | NANOTTICA 1.4ft WB PC 3200/840 |
| 100387 | NANOTTICA 1.4ft WB PC 4400/840 |
| 100388 | NANOTTICA 1.4ft WB PC 6400/840 |
| 100389 | NANOTTICA 1.5ft WB PC 3250/840 |
| 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 | M1h | M3h | 3F M1h | 3F M3h |
|--|--------|--------|--------|--------|--------|--------|
| | 100393 | 100401 | 100409 | 100417 | 100425 | 100433 |
| | 100394 | 100402 | 100410 | 100418 | 100426 | 100434 |
| | 100395 | 100403 | 100411 | 100419 | 100427 | 100435 |
| | 100396 | 100404 | 100412 | 100420 | 100428 | 100436 |
| | 100397 | 100405 | 100413 | 100421 | 100429 | 100437 |
| | 100398 | 100406 | 100414 | 100422 | 100430 | 100438 |
| | 100399 | 100407 | 100415 | 100423 | 100431 | 100439 |
| | 100400 | 100408 | 100416 | 100424 | 100432 | 100440 |

NANOTTICA WB PCc

| Code | Type |
|--------|---------------------------------|
| 100441 | NANOTTICA 1.4ft WB PCc 2600/840 |
| 100442 | NANOTTICA 1.4ft WB PCc 3200/840 |
| 100443 | NANOTTICA 1.4ft WB PCc 4400/840 |
| 100444 | NANOTTICA 1.4ft WB PCc 6400/840 |
| 100445 | NANOTTICA 1.5ft WB PCc 3250/840 |
| 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 | M1h | M3h | 3F M1h | 3F M3h |
|--|--------|--------|--------|--------|--------|--------|
| | 100449 | 100457 | 100465 | 100473 | 100481 | 100489 |
| | 100450 | 100458 | 100466 | 100474 | 100482 | 100490 |
| | 100451 | 100459 | 100467 | 100475 | 100483 | 100491 |
| | 100452 | 100460 | 100468 | 100476 | 100484 | 100492 |
| | 100453 | 100461 | 100469 | 100477 | 100485 | 100493 |
| | 100454 | 100462 | 100470 | 100478 | 100486 | 100494 |
| | 100455 | 100463 | 100471 | 100479 | 100487 | 100495 |
| | 100456 | 100464 | 100472 | 100480 | 100488 | 100496 |

NANOTTICA WB PC DALI

| | | Digital dimmable driver DALI - plastic clips | | | | | |
|--------|-------------------------------------|--|--------|--------|--------|--------|--------|
| Code | Type | 1F | 3F | M1h | M3h | 3F M1h | 3F M3h |
| 100497 | NANOTTICA 1.4ft WB PC 2600/840 DALI | 100505 | 100513 | 100521 | 100529 | 100537 | 100545 |
| 100498 | NANOTTICA 1.4ft WB PC 3200/840 DALI | 100506 | 100514 | 100522 | 100530 | 100538 | 100546 |
| 100499 | NANOTTICA 1.4ft WB PC 4400/840 DALI | 100507 | 100515 | 100523 | 100531 | 100539 | 100547 |
| 100500 | NANOTTICA 1.4ft WB PC 6400/840 DALI | 100508 | 100516 | 100524 | 100532 | 100540 | 100548 |
| 100501 | NANOTTICA 1.5ft WB PC 3250/840 DALI | 100509 | 100517 | 100525 | 100533 | 100541 | 100549 |
| 100502 | NANOTTICA 1.5ft WB PC 4000/840 DALI | 100510 | 100518 | 100526 | 100534 | 100542 | 100550 |
| 100503 | NANOTTICA 1.5ft WB PC 5500/840 DALI | 100511 | 100519 | 100527 | 100535 | 100543 | 100551 |
| 100504 | NANOTTICA 1.5ft WB PC 8000/840 DALI | 100512 | 100520 | 100528 | 100536 | 100544 | 100552 |

NANOTTICA WB PCc DALI

| | | Digital dimmable driver DALI - stainless clips (c) | | | | | |
|--------|--------------------------------------|--|--------|--------|--------|--------|--------|
| Code | Type | 1F | 3F | M1h | M3h | 3F M1h | 3F M3h |
| 100553 | NANOTTICA 1.4ft WB PCc 2600/840 DALI | 100561 | 100569 | 100577 | 100585 | 100593 | 100601 |
| 100554 | NANOTTICA 1.4ft WB PCc 3200/840 DALI | 100562 | 100570 | 100578 | 100586 | 100594 | 100602 |
| 100555 | NANOTTICA 1.4ft WB PCc 4400/840 DALI | 100563 | 100571 | 100579 | 100587 | 100595 | 100603 |
| 100556 | NANOTTICA 1.4ft WB PCc 6400/840 DALI | 100564 | 100572 | 100580 | 100588 | 100596 | 100604 |
| 100557 | NANOTTICA 1.5ft WB PCc 3250/840 DALI | 100565 | 100573 | 100581 | 100589 | 100597 | 100605 |
| 100558 | NANOTTICA 1.5ft WB PCc 4000/840 DALI | 100566 | 100574 | 100582 | 100590 | 100598 | 100606 |
| 100559 | NANOTTICA 1.5ft WB PCc 5500/840 DALI | 100567 | 100575 | 100583 | 100591 | 100599 | 100607 |
| 100560 | NANOTTICA 1.5ft WB PCc 8000/840 DALI | 100568 | 100576 | 100584 | 100592 | 100600 | 100608 |

LEGEND

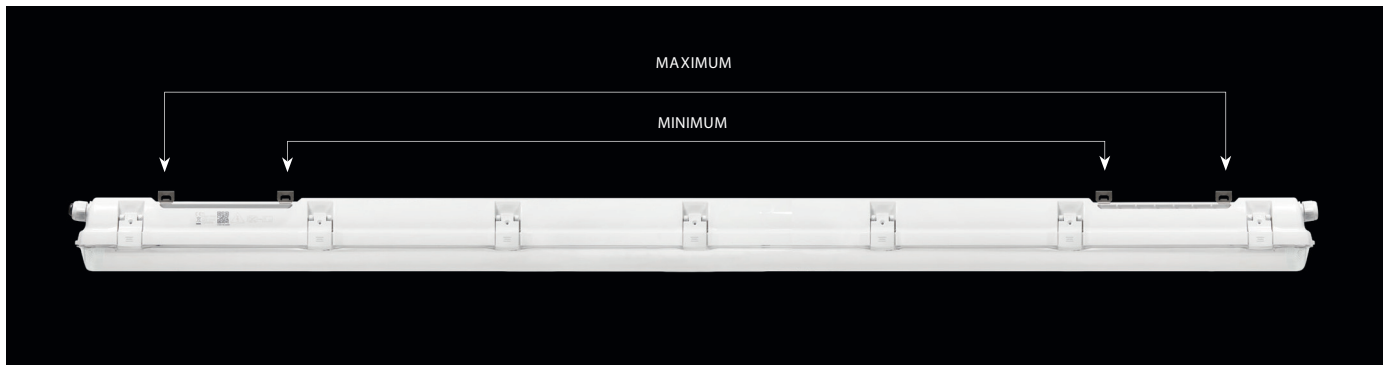
- | | | | |
|--------|---|-------------|---|
| 1F | 1-phase 3 core through-wiring in the luminaire | DALI | version with digital dimmable driver DALI |
| 3F | 3-phase 5 core through-wiring in the luminaire | DALI 1F | 1-phase 5 core through-wiring in the luminaire |
| M1h | emergency back-up source with 1 hour operating time for maintained emergency illumination | DALI 3F | 3-phase 7 core through-wiring in the luminaire |
| M3h | emergency back-up source with 3 hour operating time for maintained emergency illumination | DALI 3F Mxh | 3-phase 7 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply) |
| 3F Mxh | 3-phase 5 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

