

NANOTTICA WB

1 / 2022



... 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**.

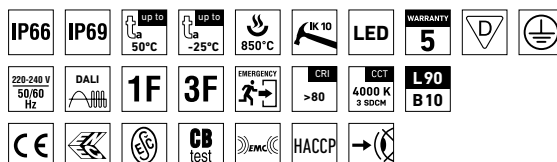
The fitting is highly recommended for **illumination of premises where workers' visual precision is of paramount importance**. These include workshops where fine assembly work is performed as well as craft workshops and visual inspection areas.

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.

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 22 to 25**
- 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
- **Multipurpose snap-in mounting clips – easy attachment** to a track lighting system with a width of 60 mm
- 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: **ESĈ, ENEC, CB, HACCP**

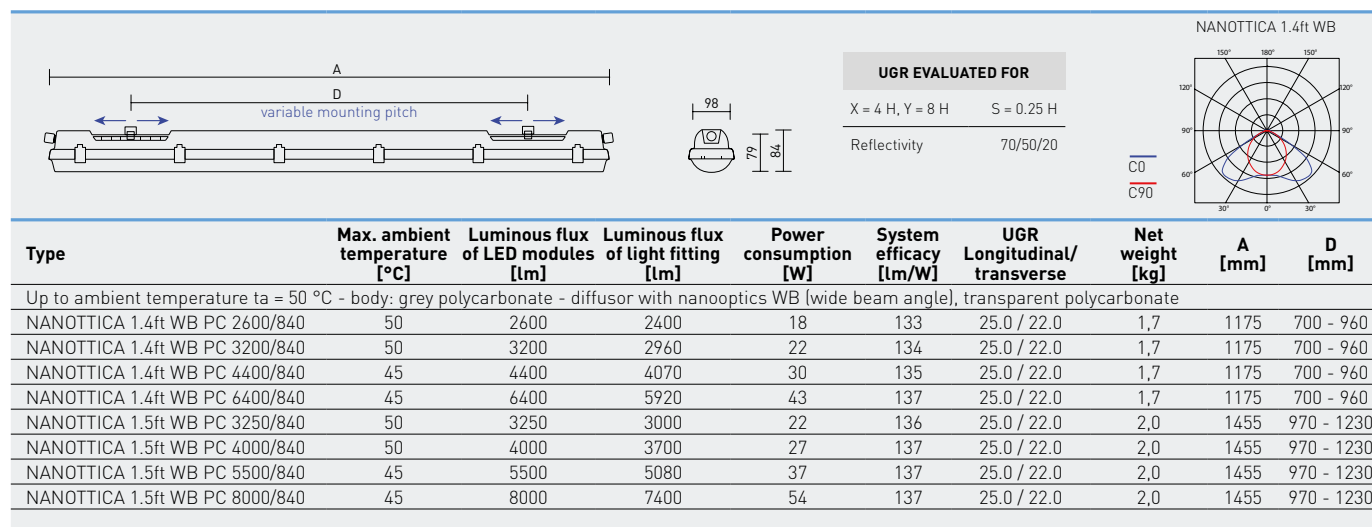


NANOTTICA WB PC, PCc



TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **ta = 50 °C**
- Maximum ambient temperature: ta = 25 °C for version with emergency back-up M1h, M3h
- Lifetime: 50 000 hours / L90B10
- Maximum light fitting efficiency: **137 lm/W**
- **UGR ranging from 22 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)
- **Multipurpose 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 ± 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

Code	Type
100497	NANOTTICA 1.4ft WB PC 2600/840 DALI
100498	NANOTTICA 1.4ft WB PC 3200/840 DALI
100499	NANOTTICA 1.4ft WB PC 4400/840 DALI
100500	NANOTTICA 1.4ft WB PC 6400/840 DALI
100501	NANOTTICA 1.5ft WB PC 3250/840 DALI
100502	NANOTTICA 1.5ft WB PC 4000/840 DALI
100503	NANOTTICA 1.5ft WB PC 5500/840 DALI
100504	NANOTTICA 1.5ft WB PC 8000/840 DALI

Digital dimmable driver DALI - plastic clips

1F	3F	M1h	M3h	3F M1h	3F M3h
100505	100513	100521	100529	100537	100545
100506	100514	100522	100530	100538	100546
100507	100515	100523	100531	100539	100547
100508	100516	100524	100532	100540	100548
100509	100517	100525	100533	100541	100549
100510	100518	100526	100534	100542	100550
100511	100519	100527	100535	100543	100551
100512	100520	100528	100536	100544	100552

NANOTTICA WB PCc DALI

Code	Type
100553	NANOTTICA 1.4ft WB PCc 2600/840 DALI
100554	NANOTTICA 1.4ft WB PCc 3200/840 DALI
100555	NANOTTICA 1.4ft WB PCc 4400/840 DALI
100556	NANOTTICA 1.4ft WB PCc 6400/840 DALI
100557	NANOTTICA 1.5ft WB PCc 3250/840 DALI
100558	NANOTTICA 1.5ft WB PCc 4000/840 DALI
100559	NANOTTICA 1.5ft WB PCc 5500/840 DALI
100560	NANOTTICA 1.5ft WB PCc 8000/840 DALI

Digital dimmable driver DALI - stainless clips (c)

1F	3F	M1h	M3h	3F M1h	3F M3h
100561	100569	100577	100585	100593	100601
100562	100570	100578	100586	100594	100602
100563	100571	100579	100587	100595	100603
100564	100572	100580	100588	100596	100604
100565	100573	100581	100589	100597	100605
100566	100574	100582	100590	100598	100606
100567	100575	100583	100591	100599	100607
100568	100576	100584	100592	100600	100608

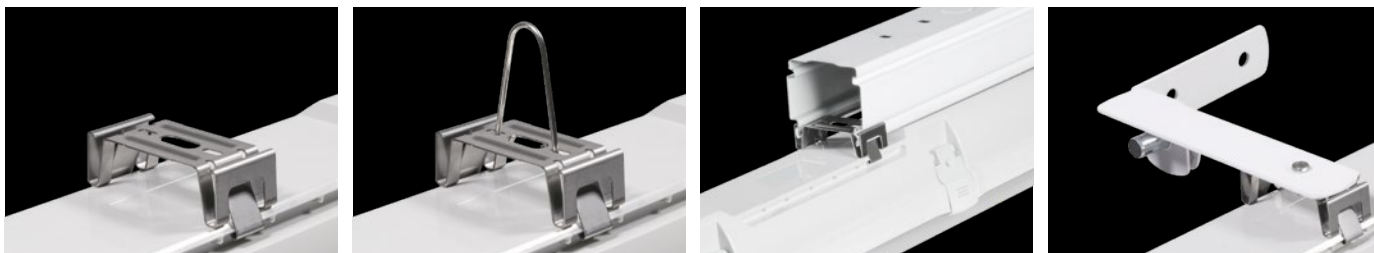
LEGEND

1F	1-phase 3 core through-wiring in the luminaire
3F	3-phase 5 core through-wiring in the luminaire
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
3F Mxh	3-phase 5 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

DALI	version with digital dimmable driver DALI
DALI 1F	1-phase 5 core through-wiring in the luminaire
DALI 3F	3-phase 7 core through-wiring in the luminaire
DALI 3F Mxh	3-phase 7 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

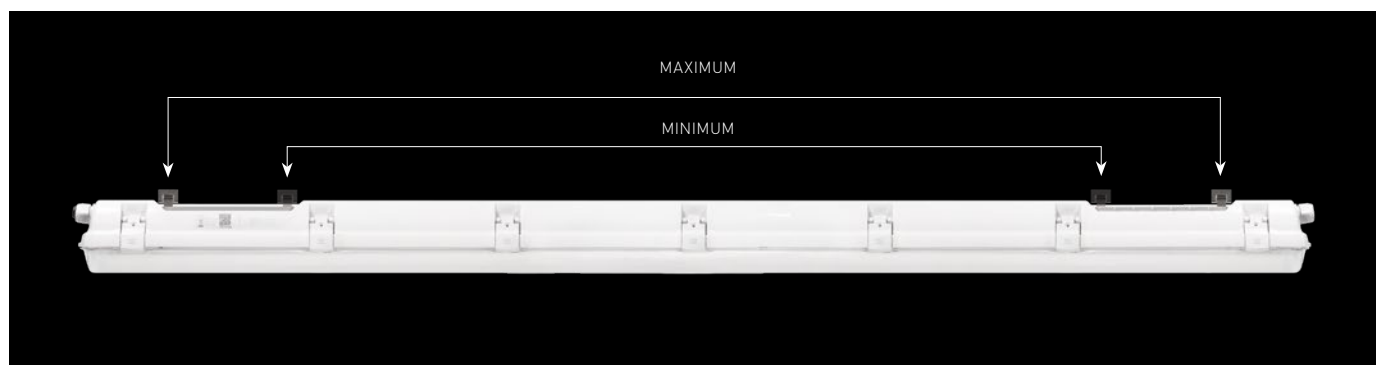
LIGHT FITTING ATTACHMENT

- 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) To be attached to a track lighting system with a width of 60 mm using stainless steel snap-in mounting clips
- d) Attachment with the use of side hangers to the wall



VARIABLE INSTALLATION PITCH

NANOTTICA WB PC



LIGHT FITTING DETAILED VIEW

NANOTTICA WB PC

