

NANOTTICA E-CON

NEW



... with external terminal block IP66 / IP69.

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.

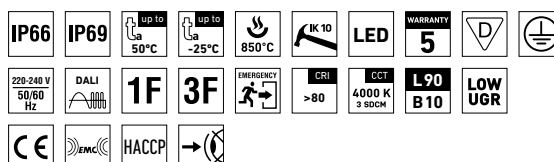
An external terminal block makes it easy and quick to connect the supply cable with no need to open the fitting.

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.

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 407.

ADVANTAGES

- Patented optics ensures absolute control over light beam distribution
- Low **UGR ranging from 20,0 to 24,6**
- 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
- 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
- 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 emergency version
- Eliminated risk of mechanical and electrostatic damage to LED chips
- Optional throughwiring (up to 5 wires inside the light fitting)

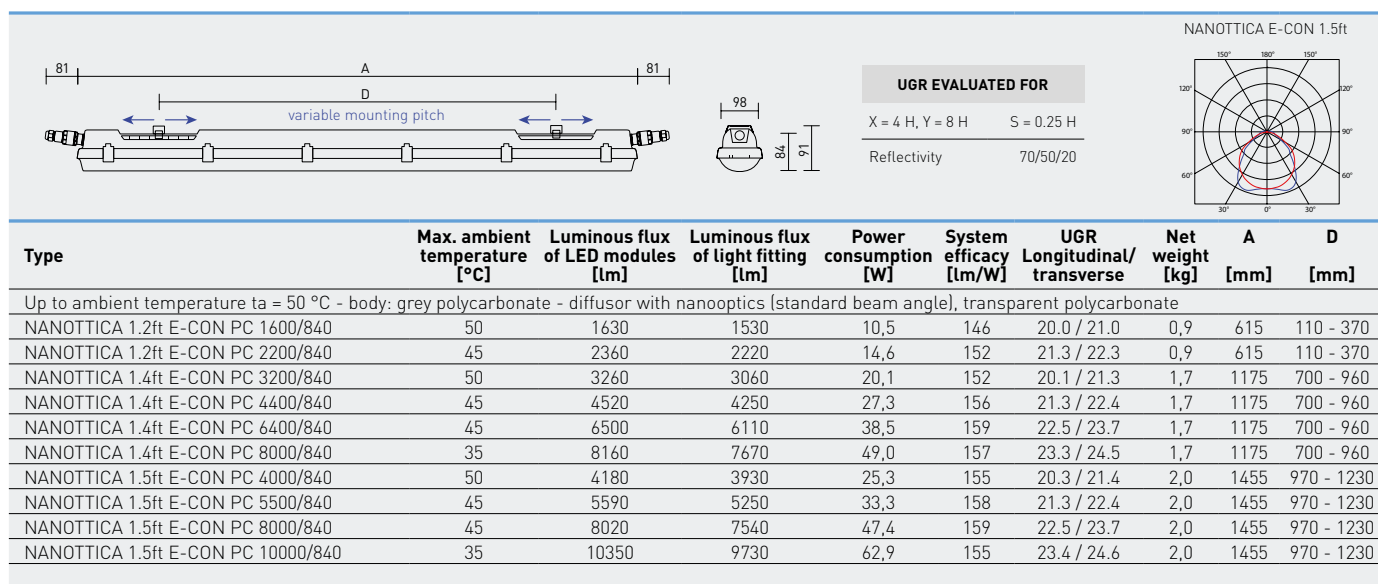


NANOTTICA E-CON PC, PCc



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: **159 lm/W**
- **UGR ranging from 20,0 to 24,6**
- Optimum luminaire installation height **from 3.5 to 8 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
- **External terminal block** 3 or 5-pole, conductor cross-sectional area: 1.5 or 2.5 mm²
- The values stated for power consumption and luminous flux are in a tolerance of ± 7.5 %



NANOTTICA E-CON PC

Type
NANOTTICA 1.2ft E-CON PC 1600/840
NANOTTICA 1.2ft E-CON PC 2200/840
NANOTTICA 1.4ft E-CON PC 3200/840
NANOTTICA 1.4ft E-CON PC 4400/840
NANOTTICA 1.4ft E-CON PC 6400/840
NANOTTICA 1.4ft E-CON PC 8000/840
NANOTTICA 1.5ft E-CON PC 4000/840
NANOTTICA 1.5ft E-CON PC 5500/840
NANOTTICA 1.5ft E-CON PC 8000/840
NANOTTICA 1.5ft E-CON PC 10000/840

Non-dimmable driver, plastic clips

1x3P	1x5P	M3hAt 1x5P	2x3P	2x5P	M3hAt 2x5P
107464	107472	x	107486	107494	x
107465	107473	x	107487	107495	x
107466	107474	107480	107488	107496	107502
107467	107475	107481	107489	107497	107503
107468	107476	107482	107490	107498	107504
110309	110311	x	110313	110315	x
107469	107477	107483	107491	107499	107505
107470	107478	107484	107492	107500	107506
107471	107479	107485	107493	107501	107507
110310	110312	x	110314	110316	x

NANOTTICA E-CON PCc

Type
NANOTTICA 1.2ft E-CON PCc 1600/840
NANOTTICA 1.2ft E-CON PCc 2200/840
NANOTTICA 1.4ft E-CON PCc 3200/840
NANOTTICA 1.4ft E-CON PCc 4400/840
NANOTTICA 1.4ft E-CON PCc 6400/840
NANOTTICA 1.4ft E-CON PCc 8000/840
NANOTTICA 1.5ft E-CON PCc 4000/840
NANOTTICA 1.5ft E-CON PCc 5500/840
NANOTTICA 1.5ft E-CON PCc 8000/840
NANOTTICA 1.5ft E-CON PCc 10000/840

Non-dimmable driver, stainless clips (c)

1x3P	1x5P	M3hAt 1x5P	2x3P	2x5P	M3hAt 2x5P
107536	107544	x	107558	107566	x
107537	107545	x	107559	107567	x
107538	107546	107552	107560	107568	107574
107539	107547	107553	107561	107569	107575
107540	107548	107554	107562	107570	107576
110321	110323	x	110325	110327	x
107541	107549	107555	107563	107571	107577
107542	107550	107556	107564	107572	107578
107543	107551	107557	107565	107573	107579
110322	110324	x	110326	110328	x

NANOTTICA E-CON PC DALI

Type
NANOTTICA 1.2ft E-CON PC 1600/840
NANOTTICA 1.2ft E-CON PC 2200/840
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NANOTTICA 1.5ft E-CON PC 8000/840
NANOTTICA 1.5ft E-CON PC 10000/840

Digital dimmable driver DALI, plastic clips

DALI 1x5P	DALI M3hAt 1x5P	DALI 2x5P	DALI M3hAt 2x5P
107508	x	107522	x
107509	x	107523	x
107510	107516	107524	107530
107511	107517	107525	107531
107512	107518	107526	107532
110317	x	110319	x
107513	107519	107527	107533
107514	107520	107528	107534
107515	107521	107529	107535
110318	x	110320	x

NANOTTICA E-CON PCc DALI

Type
NANOTTICA 1.2ft E-CON PCc 1600/840
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NANOTTICA 1.5ft E-CON PCc 8000/840
NANOTTICA 1.5ft E-CON PCc 10000/840

Digital dimmable driver DALI, stainless clips (c)

DALI 1x5P	DALI M3hAt 1x5P	DALI 2x5P	DALI M3hAt 2x5P
107580	x	107594	x
107581	x	107595	x
107582	107588	107596	107602
107583	107589	107597	107603
107584	107590	107598	107604
110329	x	110331	x
107585	107591	107599	107605
107586	107592	107600	107606
107587	107593	107601	107607
110330	x	110332	x

LEGEND

- 1x3P** - a version featuring a non-dimmable ballast and a single 3-pole external terminal block
- 1x5P** - a version featuring a non-dimmable ballast and a single 5-pole external terminal block
- M3hAt 1x5P** - emergency back-up source with operating time of 3 hours (SA) for permanent illumination with battery autotesting and a single 5-pole external terminal block
- 2x3P** - a version featuring a non-dimmable ballast, two 3-pole external terminal blocks and 3-wire connecting cables (1F), for continuous row installation
- 2x5P** - a version featuring a non-dimmable ballast, two 5-pole external terminal blocks and 5-wire connecting cables (3F), for continuous row installation
- M3hAt 2x5P** - emergency back-up source with operating time of 3 hours (SA) for permanent illumination with battery autotesting, two 5-pole external terminal blocks and 5-wire connecting cables (3F), for continuous row installation
- DALI 1x5P** - a version featuring a digitally dimmable ballast and a single 5-pole external terminal block
- DALI M3hAt 1x5P** - a version featuring a digitally dimmable ballast, emergency back-up source with operating time of 3 hours (SA) for permanent illumination with battery autotesting and a single 5-pole external terminal block
- DALI 2x5P** - a version featuring a digitally dimmable ballast, two 5-pole external terminal blocks and 5-wire connecting cables (DALI 1F), for continuous row installation
- DALI M3hAt 2x5P** - a version featuring a digitally dimmable ballast, emergency back-up source with operating time of 3 hours (SA) for permanent illumination with battery autotesting, two 5-pole external terminal blocks and 5-wire connecting cables (DALI 1F), for continuous row installation

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 E-CON PC



LIGHT FITTING DETAILED VIEW

NANOTTICA E-CON PC

