

NANOTTICA CLASS II



... class II insulation, ceiling height from 3.5 to 8 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**.

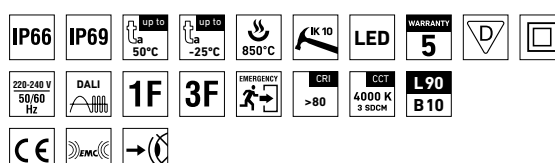
The fitting is highly recommended for **illumination of premises where workers' visual precision is of paramount importance**. These include workshops where fine assembly work is performed as well as craft workshops and visual inspection areas.

Its **standard beam angle** makes it a perfect choice for premises with an optimum luminaire installation height of **3.5 to 8 m**. The fixture is intended for indoor spaces, **industrial and agricultural buildings, warehouses, rail vehicle maintenance facilities, platforms, substations, depots, car parks, 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.

ADVANTAGES

- Patented optics ensures absolute control over light beam distribution
- Low **UGR ranging from 18.9 to 23.4**
- 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 6 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

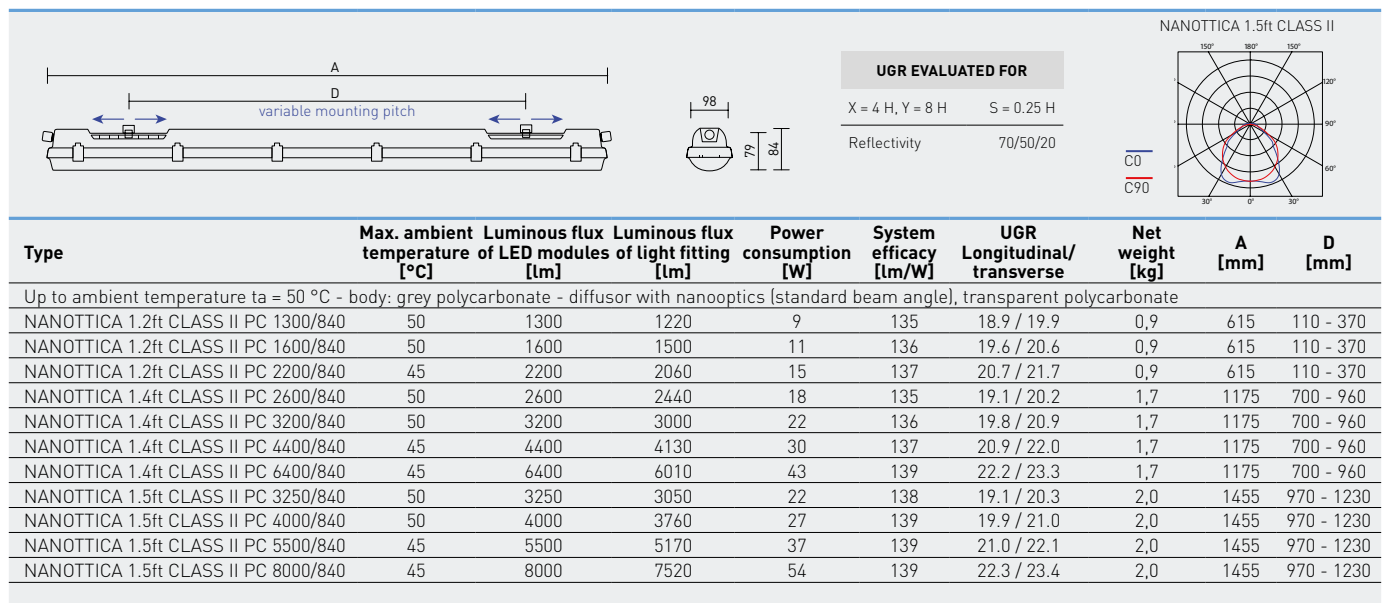


NANOTTICA CLASS II PC, PCc



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: **139 lm/W**
- **UGR ranging from 18.9 to 23.4**
- 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)
- **Multipurpose mounting clips:** stainless steel, stainless steel hooks included
- Clips: polyamide + 15 % glass fibre or stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- Connectors with 2, 4 or 6 poles, wire section 1.5 or 2.5 mm²
- The package includes the opposite of the counterpart
- The values stated for power consumption and luminous flux are in a tolerance of ± 7.5 %



NANOTTICA CLASS II PC

Code	Type
101813	NANOTTICA 1.2ft CLASS II PC 1300/840
101814	NANOTTICA 1.2ft CLASS II PC 1600/840
101815	NANOTTICA 1.2ft CLASS II PC 2200/840
101816	NANOTTICA 1.4ft CLASS II PC 2600/840
101817	NANOTTICA 1.4ft CLASS II PC 3200/840
101818	NANOTTICA 1.4ft CLASS II PC 4400/840
101819	NANOTTICA 1.4ft CLASS II PC 6400/840
101820	NANOTTICA 1.5ft CLASS II PC 3250/840
101821	NANOTTICA 1.5ft CLASS II PC 4000/840
101822	NANOTTICA 1.5ft CLASS II PC 5500/840
101823	NANOTTICA 1.5ft CLASS II PC 8000/840

Non-dimmable driver - plastic clips

1F	3F	M1h	M3h	3F M1h	3F M3h
101824	101835	x	x	x	x
101825	101836	x	x	x	x
101826	101837	x	x	x	x
101827	101838	101846	101854	101862	101870
101828	101839	101847	101855	101863	101871
101829	101840	101848	101856	101864	101872
101830	101841	101849	101857	101865	101873
101831	101842	101850	101858	101866	101874
101832	101843	101851	101859	101867	101875
101833	101844	101852	101860	101868	101876
101834	101845	101853	101861	101869	101877

NANOTTICA CLASS II PCc

Code	Type
101878	NANOTTICA 1.2ft CLASS II PCc 1300/840
101879	NANOTTICA 1.2ft CLASS II PCc 1600/840
101880	NANOTTICA 1.2ft CLASS II PCc 2200/840
101881	NANOTTICA 1.4ft CLASS II PCc 2600/840
101882	NANOTTICA 1.4ft CLASS II PCc 3200/840
101883	NANOTTICA 1.4ft CLASS II PCc 4400/840
101884	NANOTTICA 1.4ft CLASS II PCc 6400/840
101885	NANOTTICA 1.5ft CLASS II PCc 3250/840
101886	NANOTTICA 1.5ft CLASS II PCc 4000/840
101887	NANOTTICA 1.5ft CLASS II PCc 5500/840
101888	NANOTTICA 1.5ft CLASS II PCc 8000/840

Non-dimmable driver - stainless clips (c)

1F	3F	M1h	M3h	3F M1h	3F M3h
101889	101900	x	x	x	x
101890	101901	x	x	x	x
101891	101902	x	x	x	x
101892	101903	101911	101919	101927	101935
101893	101904	101912	101920	101928	101936
101894	101905	101913	101921	101929	101937
101895	101906	101914	101922	101930	101938
101896	101907	101915	101923	101931	101939
101897	101908	101916	101924	101932	101940
101898	101909	101917	101925	101933	101941
101899	101910	101918	101926	101934	101942

NANOTTICA CLASS II PC DALI

Code	Type
101943	NANOTTICA 1.2ft CLASS II PC 1300/840 DALI
101944	NANOTTICA 1.2ft CLASS II PC 1600/840 DALI
101945	NANOTTICA 1.2ft CLASS II PC 2200/840 DALI
101946	NANOTTICA 1.4ft CLASS II PC 2600/840 DALI
101947	NANOTTICA 1.4ft CLASS II PC 3200/840 DALI
101948	NANOTTICA 1.4ft CLASS II PC 4400/840 DALI
101949	NANOTTICA 1.4ft CLASS II PC 6400/840 DALI
101950	NANOTTICA 1.5ft CLASS II PC 3250/840 DALI
101951	NANOTTICA 1.5ft CLASS II PC 4000/840 DALI
101952	NANOTTICA 1.5ft CLASS II PC 5500/840 DALI
101953	NANOTTICA 1.5ft CLASS II PC 8000/840 DALI

Digital dimmable driver DALI - plastic clips

1F	3F	M1h	M3h	3F M1h	3F M3h
101954	x	x	x	x	x
101955	x	x	x	x	x
101956	x	x	x	x	x
101957	101968	101976	101984	101992	102000
101958	101969	101977	101985	101993	102001
101959	101970	101978	101986	101994	102002
101960	101971	101979	101987	101995	102003
101961	101972	101980	101988	101996	102004
101962	101973	101981	101989	101997	102005
101963	101974	101982	101990	101998	102006
101964	101975	101983	101991	101999	102007

NANOTTICA CLASS II PCc DALI

Code	Type
102008	NANOTTICA 1.2ft CLASS II PCc 1300/840 DALI
102009	NANOTTICA 1.2ft CLASS II PCc 1600/840 DALI
102010	NANOTTICA 1.2ft CLASS II PCc 2200/840 DALI
102011	NANOTTICA 1.4ft CLASS II PCc 2600/840 DALI
102012	NANOTTICA 1.4ft CLASS II PCc 3200/840 DALI
102013	NANOTTICA 1.4ft CLASS II PCc 4400/840 DALI
102014	NANOTTICA 1.4ft CLASS II PCc 6400/840 DALI
102015	NANOTTICA 1.5ft CLASS II PCc 3250/840 DALI
102016	NANOTTICA 1.5ft CLASS II PCc 4000/840 DALI
102017	NANOTTICA 1.5ft CLASS II PCc 5500/840 DALI
102018	NANOTTICA 1.5ft CLASS II PCc 8000/840 DALI

Digital dimmable driver DALI - stainless clips (c)

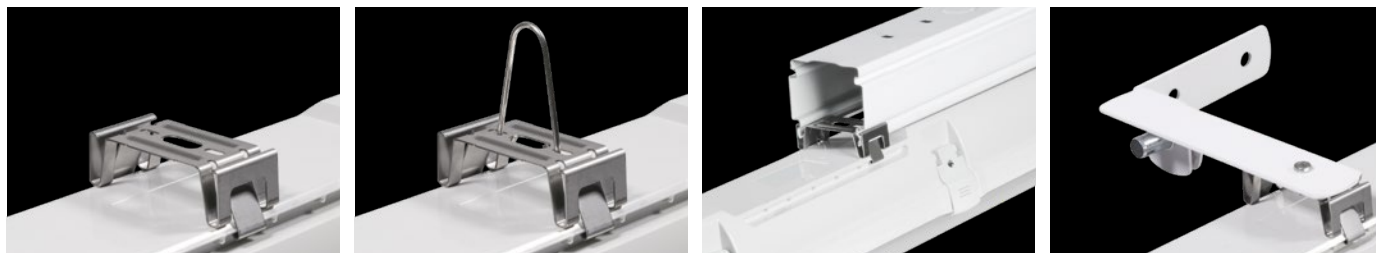
1F	3F	M1h	M3h	3F M1h	3F M3h
102019	x	x	x	x	x
102020	x	x	x	x	x
102021	x	x	x	x	x
102022	102033	102041	102049	102057	102065
102023	102034	102042	102050	102058	102066
102024	102035	102043	102051	102059	102067
102025	102036	102044	102052	102060	102068
102026	102037	102045	102053	102061	102069
102027	102038	102046	102054	102062	102070
102028	102039	102047	102055	102063	102071
102029	102040	102048	102056	102064	102072

LEGEND

CLASS II 1F	1-phase 2 core through-wiring in the luminaire
CLASS II 3F	3-phase 4 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
CLASS II 3F Mxh	3-phase 4 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)
DALI	version with digital dimmable driver DALI
CLASS II DALI 1F	1-phase 4 core through-wiring in the luminaire
CLASS II DALI 3F	3-phase 6 core through-wiring in the luminaire
CLASS II DALI 3F Mxh	3-phase 6 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

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LIGHT FITTING DETAILED VIEW

NANOTTICA CLASS II

