

LED FLOODLIGHT SERIES ND8700

Zones 2, 22

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ATEX FLOODLIGHTS

ZONES 2 (gas) & 22 (dust)



LED Floodlight / plane surface floodlight for hazardous locations of Zones 2 (gas atmosphere) and 22 (dust atmosphere), stockyards, building sites, open-air grounds, chemical and petrochemical areas, etc.

Housing and glass retaining frame made from diecast aluminium. Thermal safety glass, impact resistance IK10.

Lens optics:

Wide, narrow-wide, narrow, or asymmetric light distribution.

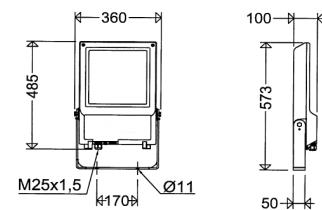
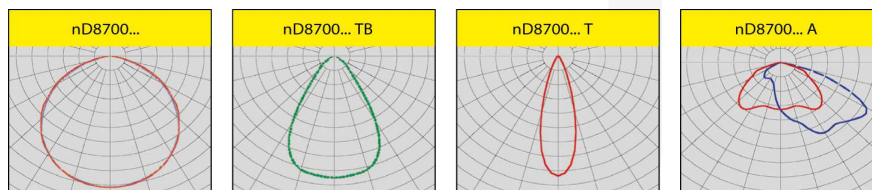
Options: dimmable via DALI-interface (DIMD)



Declaration of Conformity

ITEM REFERENCES

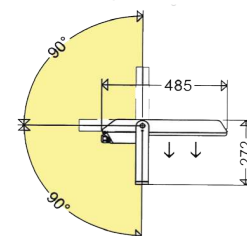
Designation:	Power:	Lumin. flux (lm):	Efficacy lm/W:	Weight (kg):	Item No.:
wide beam					
nD8700 4803	106W	15.200	143	9,7	1B1101
nD8700 6403	140W	20.000	143	9,7	1B1102
narrow wide beam					
nD8700 4803TB	106W	15.200	143	9,7	1B1103
nD8700 6403TB	140W	20.000	143	9,7	1B1104
narrow beam					
nD8700 4803T	106W	15.200	143	9,7	1B1105
nD8700 6403T	140W	20.000	143	9,7	1B1106
asymmetrical beam (plane surface floodlight)					
nD8700 4803A	106W	15.200	143	9,7	1B1107
nD8700 6403A	140W	20.000	143	9,7	1B1108



TECHNICAL SPECIFICATIONS

Marking:	II 3G Ex nR IIC T4 Gc II 3D Ex tc IIIC T100°C Dc
Certificate:	Declaration of Conformity
Housing:	Diecast aluminium, DB 702 (mica-iron paint)
Cover:	Flat safety glass pane, impact resistance IK10
LED:	Zhaga compliant 4,000K, R _a > 70 L ₉₀ > 100.000h at max. ambient temperature
Operating temperature:	-30°C to +40°C
Operating frequency:	50/60 Hz
Rated voltage:	220/240V *
Ingress protection:	IP66
Connection:	3-pole terminal max. clamping range 2,5mm ²
Cable entries:	1xM20X1,5 plastic cable gland
<p>* Due to the inrush current of the electronic ballasts, the maximum permissible number of light fittings per circuit breaker is limited. Surge voltage resistance 10kV, excess temperature protection, overload and short circuit protection, temperature monitoring of the LED modules.</p>	

Swivel range



Standard Mounting

