

### 3 Lighting

#### 7 Floodlights and high bay fittings for zone 2 and 22

##### 1 ATEX floodlight nD87/nD88-LED series

This explosionproof LED floodlight with its elegant design is suitable for zones 2 and 22.

The nD87 and nD88 series have an aluminium housing with a glass cover.

The frame containing the glass is hinged to the housing.

The floodlight comes with a mounting bracket that can be rotated 180°.

The mounting must be such that the floodlight is directed horizontally or downwards.

This series is available in multiple light intensities and with the following choice of versions:

- narrow beam
- wide beam
- narrow wide beam
- asymmetrical beam

#### Specifications

Housing	aluminium
Cover	thermal safety glass
Protection	IP66
Lamp	highpower-LED 4000K
Electrical connection	terminals L1+N+PE 2,5 mm <sup>2</sup>
Voltage	220-240VAC - 50/60Hz
Ambiant temperature	-30°C - +40°C
Guideline	ATEX
Manufacturer	Schuch

Ex II 3 G Ex nR IIC T4 Gc

Ex II 3 D Ex tc IIIC T100°C Dc

Zone 0	×	Zone 20	×
Zone 1	×	Zone 21	×
Zone 2	✓	Zone 22	✓

EU-declaration of conformity



#### Ordering data

Code	Power	Construction	Luminous flux	Cable entry	Weight
nD87004803A	106W	asymmetrical beam	14700 lumen	1 x M20	9,6 kg
nD87004803	106W	wide beam	14700 lumen	1 x M20	9,6 kg
nD87004803TB	106W	narrow-wide beam	14700 lumen	1 x M20	9,6 kg
nD87004803T	106W	narrow beam	14700 lumen	1 x M20	9,6 kg
nD87006403A	140W	asymmetrical beam	19400 lumen	1 x M20	9,6 kg
nD87006403	140W	wide beam	19400 lumen	1 x M20	9,6 kg
nD87006403TB	140W	narrow-wide beam	19400 lumen	1 x M20	9,6 kg
nD87006403T	140W	narrow beam	19400 lumen	1 x M20	9,6 kg
nD88006403A	140W	asymmetrical beam	19900 lumen	1 x M25	15,9 kg
nD88006403	140W	wide beam	19900 lumen	1 x M25	15,9 kg
nD88006403TB	140W	narrow-wide beam	19900 lumen	1 x M25	15,9 kg
nD88006403T	140W	narrow beam	19900 lumen	1 x M25	15,9 kg
nD880012802A	198W	asymmetrical beam	28410 lumen	1 x M25	17,0 kg
nD880012803	280W	wide beam	38300 lumen	1 x M25	17,0 kg
nD880012802TB	198W	narrow-wide beam	28410 lumen	1 x M25	17,0 kg
nD880012802T	198W	narrow beam	28410 lumen	1 x M25	17,0 kg

#### Dimensional sketches

