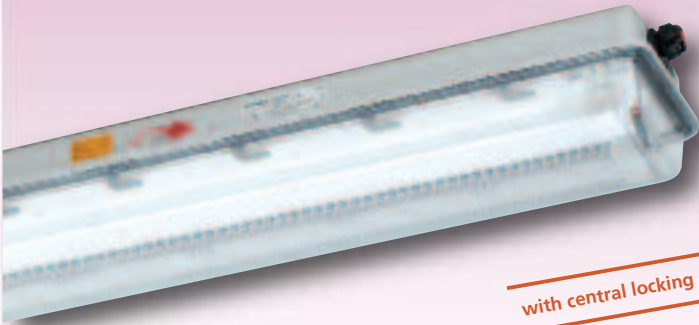


Explosion-Protected Light Fittings series nD844... for zones 2 and 22 or series tD842... for zones 21 and 22



with central locking system

Application:

Hazardous areas of zones 2, 22 as standard illumination or as emergency light fittings which are powered either individually or centrally or in groups (upon request).

Design:

Housing: Glass fibre reinforced polyester resin.

Cover: Clear polycarbonate with internal prisms, hinged.

Reflector: Glass fibre reinforced polyester, hinged and removable.

Central locking system: Operated by a hexagonal socket key 13mm.

Wiring: ECG with „end-of-life-cutoff“ system

Connection: Ready for cable looping up to 2.5mm² on one side of the fitting.

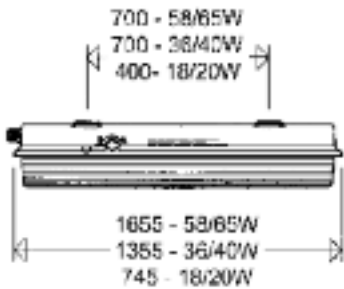
SK I-version: L1 + N + PE

SK II-version: L1 + N + E

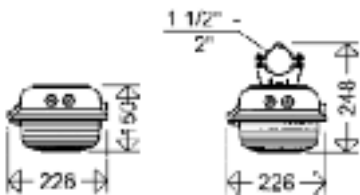
Cable entries: 3 entries M25 x 1,5 (2 glands, 1 of them with plug and 1 screw plug).

Mechanical installation: 2 suspension hooks (H8V P) or 2 ceiling brackets (15A P), see accessories.

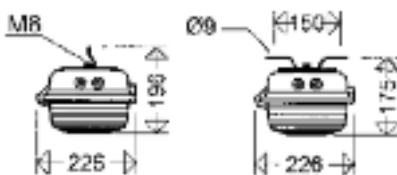
Note: For special applications such as sewage and rainwater storage reservoirs or water treatment plants this light fitting can be supplied in a special version at additional cost.



Pipe clamp mounting



Suspension hooks H8V Ceiling brackets 15A

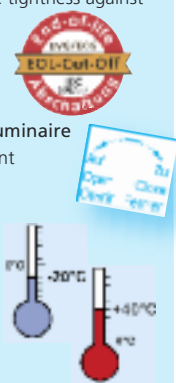


Looping the cable on one side:

All light fittings of series nD844... and tD842... have got 2 cable entries on one small side of the housing for cable looping instead of the through wiring system.

Schuch Quality - your advantage:

- sturdy design of high chemical resistance for application in rough industrial conditions:
 - housing from glass fibre reinforced polyester
 - cover: Highly impact resistant (equal wall thickness: 2,5mm)
 - highly resistant gasket of dimensional stability that stands for a permanently safe tightness against water and dust
- reliable, fail-safe thanks to a special ex-proof ECG:
 - "end-of-life switching-off system" i.e. at the end of its life a fluorescent tube is safely switched off.
- excellent design allowing an easy and fast mounting/maintenance of the luminaire
 - central locking system with hinged cover allowing an easy/fast lamp replacement
 - easily accessible connection chamber behind the hinged reflector
- wide range of application and flexibility at most different environmental conditions
 - nD 844... for installation in gas and dust atmospheres (zones 2 and 22)
 - tD 842... for installation in dust atmospheres (zones 21 and 22)
 - wide range of admissible ambient temperature from -20°C to +40°C
 - classical bilateral through wiring system or looping system on one side of the housing
- excellent light distribution and glare limitation thanks to a light technically optimized prismatic cover



nD844...



II 3 G Ex nA IIC T4 Gc

II 3 D Ex tc IIIC T80°C Dc

IP66



for bi-pin fluorescent tubes, socket G13

Explosion protection:

II 3 G Ex nA IIC T4 Gc (Zone 2)

II 3 D Ex tc IIIC T80°C Dc (Zone 22)

Ignition protection: nA

Admissible ambient temperature:

-20°C up to +40°C

Rated voltage: 220-240V AC/DC,

Frequency: 0 or 50-60Hz



Type	Article no.	Temp. class	Lamps/Watt	weight appr.kg ¹⁾
nD844 118	84400 0001	T4	1 x T 26/18 W	3,6
nD844 218	84400 0051	T4	2 x T 26/18 W	3,7
nD844 136	84400 0002	T4	1 x T 26/36 W	5,5
nD844 236	84400 0052	T4	2 x T 26/36 W	5,6
nD844 158	84400 0003	T4	1 x T 26/58 W	7,5
nD844 258	84400 0053	T4	2 x T 26/58 W	7,5

1) Weights without packing material

