

Explosion-Protected Plane Surface Floodlight for Lamps up to 500W - for Zones 2 and 22 Series nD7573...



Applications:

Hazardous locations of Zones 2 (gas atmosphere) and 22 (dust atmosphere), stockyards, building sites, open-air grounds, chemical and petrochemical areas etc..

Technical Design:

Housing: Silumin sheet powder coated in light grey (RAL 7035), locking device in stainless steel, all gear inside the light fitting, wired ready for connection.

Glass pane: Toughened safety glass pane, can be hinged and detached for lamp replacement, silicone rubber gasket.

Reflector: Optimized reflector system made from surface refined purest aluminium.

Connection: 3 poles terminal up to 2,5mm².

Cable entry: 1 cable gland M20 x 1,5. For some versions heat resistant connection cable is required.

Mounting systems:

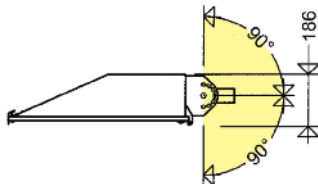
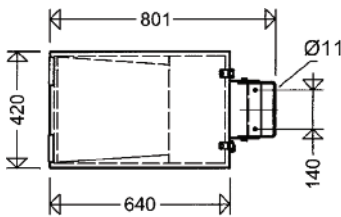
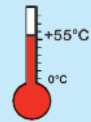
- **Mounting to a cross arm:** Bracket with 3 borings of 11mm \varnothing (standard)
- **Mounting to pole** of 76mm \varnothing or 60mm \varnothing in combination with a pipe clamp. (Clamp to be ordered together with the luminaire for deciding the right bracket - see accessories.)

Installation:

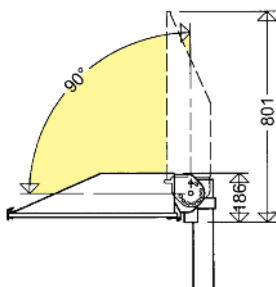
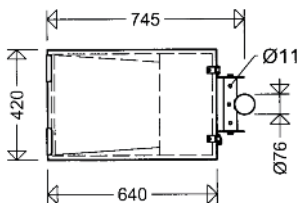
Facing downwards horizontally or tilted upwards in a 90° angle.

Schuch Quality – your advantage:

- sturdy, high quality surface floodlight for reliable long-term use
- compact design, with all electrical components ready for connection
- high-efficient light technical optimized mirror system with high light efficiency factor
- excellent light distribution, glare limitation and minimized stray
- easy to install
 - universal mounting possibilities
- high flexibility and wide range of application
 - ATEX-certification for gas and dust hazardous areas (Zones 2 and 22)
 - for ambient temperatures from -20°C up to +55°C
 - for lamps 150 - 500W



Swivel range of bracket: $\pm 90^\circ$, stepless



Swivel range independent from method of mounting – up to 90° tilted upwards.

nD7573...



II 3 G Ex nR II T3/T4

II 3 D Ex tD A22 T110-180°C

IP65



\varnothing -0,5m

EC-Type Examination Certificate:

TUV 05 ATEX 2724

Other approvals:

GOST-R/ROSTECH-NADZOR (Russia)

Marking:

II 3 G Ex nR II T3/T4 (Zone 2)

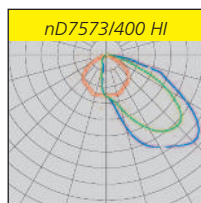
II 3 D Ex tD A22 IP65 T110-180°C (Zone 22)

Ignition protection: nR

Permissible ambient temperature:

-20°C up to +55°C, depending on version

Rated voltage: 120V, 220-240V AC/DC, 0 or 50/60Hz, depending on version



for tungsten halogen, socket E40

Type	Article no.	Temp. cl. T _{max} °C	adm. amb. temp °C	Lamps W	Weight ca. kg ³⁾
nD7573/300 QT ²⁾	75731 0020	T4/130	55°C	QT 300	11,7
nD7573/500 QT	75731 0019	T3/180	55°C	QT 500 ⁴⁾	11,7

for high pressure lamps, tubular shape, socket E40

Type	Article no.	Temp. cl. T _{max} °C	adm. amb. temp °C	Lamps W	Weight ca. kg ³⁾
nD7573/250 HI	75731 0001 ¹⁾	T3/170	55°C	HIT 250	14,0
nD7573/400 HI	75731 0003 ¹⁾	T3/160	40°C	HIT 400	14,0
nD7573/150 HS	75731 0015 ¹⁾	T4/120	50°C ³⁾	HST 150	11,6
nD7573/250 HS	75731 0017 ¹⁾	T4/130	40°C ³⁾	HST 250	11,8
nD7573/400 HS	75731 0005 ¹⁾	T3/160	40°C	HST 400	15,1

1) Uncomp.; art. no. for comp. see price list

2) Rated voltage 120V AC/DC

3) Version for UT +50°C or +55°C upon request

4) IDE von PHILIPS

5) Weights without packing material



Further Series / Equipment

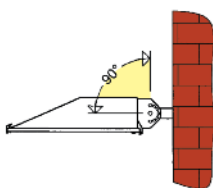
- for higher ambient temperatures
- with 5-pole terminal
- with cable entry M25 x 1,5



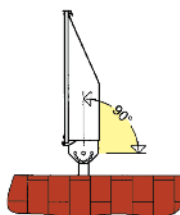
Photo BASF

Explosion-proof
Light Fittings Zone 2/22

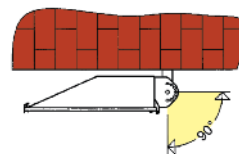
Mounting:



Wall mounting

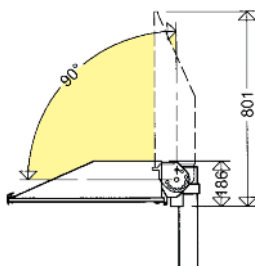


Floor mounting

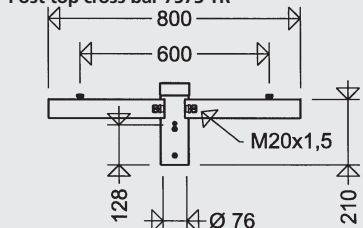


Ceiling mounting

Mounting to a pole or cross bar by means of pipe clamp RO 60/76



Post top cross bar 7573 TR



Accessories / Spare Parts

Type	Article no.	
7501	75001 9001	Spare glass
2537	90117 9000	Ex-proof plastic gland M25 x 1,5
7573 TR	75739 0002	post top cross bar 7573 TR with accessories for mounting 2 floodlights to a pole of Ø76mm
RO 60/76	90270 0003	pipe clamp for pole Ø60-76mm
RO 60/76 + SWB	90270 0004	pipe clamp with swivel bracket for pole Ø 60-76mm (only necessary when ordered separately at a later stage!)