

**NEW**



## Floodlights of ZONE 2 Protection for lamps up to 500W max. Series n2770..., n2780...

**Applications:** Hazardous areas of Zone 2 classification.

**Design:** Housing and glass retaining frame are made from weather resistant aluminium die casting, powder coated in black (RAL 9005 mat). The glass frame is locked by 2 socket head cap screws (M6) and it is hinged to body after opening. The electrical components are located inside the floodlight.

**Reflector:** High anodised purest aluminium.  
**Front cover:** Thermal toughened safety glass glued into the frame.

**Connection terminal:** Standard: L1+N+PE for max. 2.5mm<sup>2</sup> conductors (in type n2780 up to 6mm<sup>2</sup> upon request).

**Cable entry:** 2xM20x1.5 (1 gland and 1 plug) or 2 glands upon request.

**Operating position:** Horizontal.

**Installation:** Aluminium stirrup that can be tilted infinitely around the longitudinal axis of the floodlight. Max. range of tilting please see diagrams.

**Test Certificate:** TÜV 00 ATEX 1653

**Ignition protection:** "n R"

**Explosion category:** II 3 G EEx nR II

**Admissible ambient temperature:**

-30°C up to +40°C or up to +50°C (certain wattages)

**Rated voltage:** 220V up to 240V, 0 or 50/60Hz

Always state voltage when asking for quotation or when ordering.

### n 2770...



#### up to 150 W, Low Bay/High Bay version

Test-Certificate: TÜV 00 ATEX 1653

Explosion protection: II 3 G EEx nR II

Ignition Protection: n R

II 2 D (Zone 21) under preparation



| Type | Art. no. | Temp.-Admissible class | Admissible ambient temp. | Lamps Watt | Weight approx. kg <sup>2)</sup> |
|------|----------|------------------------|--------------------------|------------|---------------------------------|
|------|----------|------------------------|--------------------------|------------|---------------------------------|

#### For Tungsten Halogen Lamps up to 150 W, Lampholder E27

|                |            |    |      |            |     |
|----------------|------------|----|------|------------|-----|
| n 2770/100 E27 | 27700 0001 | T3 | 50°C | 1 x QT 100 | 3,4 |
| n 2770/150 E27 | 27700 0003 | T3 | 50°C | 1 x QT 150 | 3,4 |

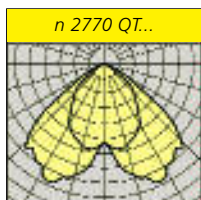
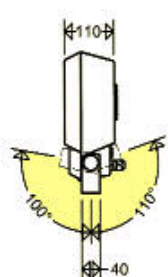
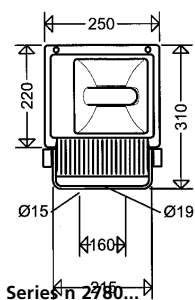
#### For Discharge Lamps up to 125 W, Lampholder E27

|                  |                          |                  |      |               |     |
|------------------|--------------------------|------------------|------|---------------|-----|
| n 2770/080 HGL   | 27700 0005 <sup>1)</sup> | T3 <sup>3)</sup> | 50°C | 1 x MBF 80    | 4,5 |
| n 2770/125 HGL   | 27700 0007 <sup>1)</sup> | T3               | 40°C | 1 x MBF 125   | 4,5 |
| n 2770/070 NAH-I | 27700 0009 <sup>1)</sup> | T3 <sup>3)</sup> | 50°C | 1 x HSE-I 70  | 4,5 |
| n 2770/110 NAH-I | 27700 0011 <sup>1)</sup> | T3               | 40°C | 1 x HSE-I 110 | 4,5 |

1) uncomp., art.no. for comp. see price list.

3) For T4 please contact us

2) Weights are without packing



Series n 2780...

### n 2780...



#### up to 500 W, Low Bay version

Test-Certificate: TÜV 00 ATEX 1653

Explosion protection: II 3 G EEx nR II

Ignition Protection: n R

II 2 D (Zone 21) under preparation



| Type | Art. no. | Temp.-Admissible class | Admissible ambient temp. | Lamps Watt | Weight approx. kg <sup>2)</sup> |
|------|----------|------------------------|--------------------------|------------|---------------------------------|
|------|----------|------------------------|--------------------------|------------|---------------------------------|

#### For Tungsten Halogen Lamps up to 500 W, Lampholder E27 or E40

|                |            |                  |      |            |     |
|----------------|------------|------------------|------|------------|-----|
| n 2780/250 E27 | 27800 0001 | T3 <sup>3)</sup> | 50°C | 1 x QT 250 | 8,0 |
| n 2780/500 E40 | 27800 0003 | T3 <sup>3)</sup> | 40°C | 1 x QT 500 | 8,0 |

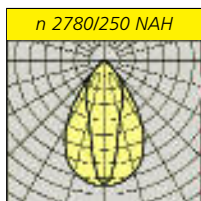
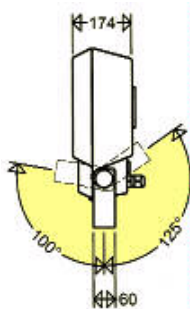
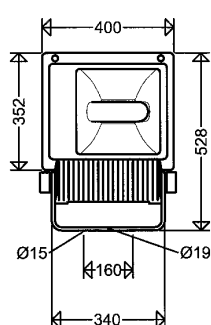
#### For Discharge Lamps up to 400 W, Lampholder E40

|                |                          |                  |      |               |      |
|----------------|--------------------------|------------------|------|---------------|------|
| n 2780/150 NAH | 27800 0005 <sup>1)</sup> | T4               | 40°C | 1 x SON/T 150 | 9,4  |
| n 2780/250 NAH | 27800 0007 <sup>1)</sup> | T3               | 50°C | 1 x SON/T 250 | 10,8 |
| n 2780/400 NAH | 27800 0009 <sup>1)</sup> | T3               | 40°C | 1 x SON/T 400 | 13,3 |
| n 2780/250 HGI | 27800 0011 <sup>1)</sup> | T3 <sup>3)</sup> | 50°C | 1 x MBI/T 250 | 10,8 |
| n 2780/400 HGI | 27800 0013 <sup>1)</sup> | T3               | 40°C | 1 x MBI/T 400 | 13,3 |

1) uncomp., art.no. for comp. see price list.

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2) Weights are without packing



### Further equipment

- with connection terminals up to 6mm<sup>2</sup> max.

(in type n2780 only)

### Accessories/Spare parts

| Type                              | Article no. | Description                 |
|-----------------------------------|-------------|-----------------------------|
| 27700                             | 27701 9000  | Spare glass frame for n2770 |
| 27800                             | 27801 9000  | Spare glass frame for n2780 |
| <b>Cable entries/cable glands</b> |             |                             |
| 2531 MS                           | 90120 9001  | Cable gland M20 x 1,5       |
| 2532 MS                           | 90121 9001  | Plug M20 x 1,5              |