

## 181/182... SSK

for blasting areas and cabins



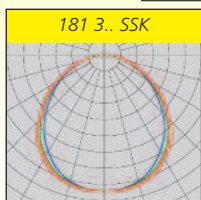
### Application:

Rooms and cabins where sand and glass pearls etc. are used for the treatment of goods.

### Design:

As standard type, but with easily replace-

able, polycarbonate protective cover with stainless steel frame in front of the safety glass window to protect it from damage by the blasting material. Protective cover exchange cycle depending on blasting material in use.



| Type        | Article no. | Lamps W       | Weight ca. kg <sup>2)</sup> |
|-------------|-------------|---------------|-----------------------------|
| 181 118 SSK | 18002 0400  | 1 x T 26/18 W | 9,6                         |
| 181 218 SSK | 18002 0402  | 2 x T 26/18 W | 9,7                         |
| 181 318 SSK | 18002 0404  | 3 x T 26/18 W | 10,3                        |
| 181 136 SSK | 18002 0406  | 1 x T 26/36 W | 17,6                        |
| 181 236 SSK | 18002 0408  | 2 x T 26/36 W | 18,2                        |
| 181 336 SSK | 18002 0410  | 3 x T 26/36 W | 18,8                        |
| 181 158 SSK | 18002 0412  | 1 x T 26/58 W | 21,0                        |
| 181 258 SSK | 18002 0414  | 2 x T 26/58 W | 27,1                        |
| 181 358 SSK | 18002 0416  | 3 x T 26/58 W | 28,0                        |
| 182 318 SSK | 18002 0450  | 3 x T 26/18 W | 15,2                        |
| 182 418 SSK | 18002 0452  | 4 x T 26/18 W | 15,3                        |
| 182 336 SSK | 18002 0454  | 3 x T 26/36 W | 23,2                        |
| 182 436 SSK | 18002 0456  | 4 x T 26/36 W | 23,3                        |
| 182 358 SSK | 18002 0458  | 3 x T 26/58 W | 28,8                        |
| 182 458 SSK | 18002 0460  | 4 x T 26/58 W | 29,6                        |

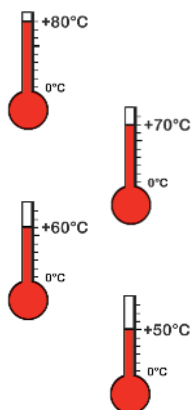
1) Uncomp.; article nos. for comp. and EVG versions see price list 2) Weights without packing material

### Note:

EVG version for high ambient temperatures on request.

## 181/182... H..

for high ambient temperatures up to +80°C



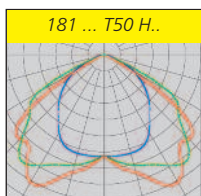
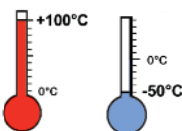
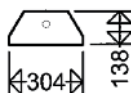
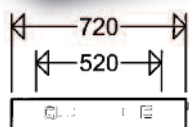
| Type        | Article no. <sup>1)</sup> | Lamps W       | Weight ca. kg <sup>2)</sup> |
|-------------|---------------------------|---------------|-----------------------------|
| 181 118 H80 | 18002 0106                | 1 x T 26/18 W | 11,0                        |
| 181 218 H80 | 18002 0105                | 2 x T 26/18 W | 11,3                        |
| 181 136 H80 | 18002 0101                | 1 x T 26/36 W | 17,5                        |
| 181 236 H80 | 18002 0103                | 2 x T 26/36 W | 18,3                        |
| 181 158 H70 | 18002 0109                | 1 x T 26/58 W | 21,3                        |
| 181 318 H60 | 18002 0107                | 3 x T 26/18 W | 10,3                        |
| 181 336 H60 | 18002 0108                | 3 x T 26/36 W | 18,6                        |
| 181 258 H60 | 18002 0110                | 2 x T 26/58 W | 22,7                        |
| 181 358 H50 | 18002 0111                | 3 x T 26/58 W | 22,8                        |
| 182 336 H80 | 18002 0301                | 3 x T 26/36 W | 20,4                        |
| 182 318 H60 | 18002 0305                | 3 x T 26/18 W | 15,2                        |
| 182 418 H60 | 18002 0306                | 4 x T 26/18 W | 15,3                        |
| 182 436 H60 | 18002 0307                | 4 x T 26/36 W | 23,3                        |
| 182 358 H60 | 18002 0303                | 3 x T 26/58 W | 27,2                        |
| 182 458 H50 | 18002 0304                | 4 x T 26/58 W | 27,3                        |

1) Uncompensated available only

2) Weights without packing material

## 181... T.. H..

for a broad temperature range from -50°C up to +100°C



### Application:

Cold rooms, ageing chambers (automobile industry), frequently opened small cold stores with a high number of switching cycles, material testing facilities, plastic fibre manufacturing installations, cement plants etc.

### Advantage:

Instant full luminous flux when switching on light fitting.

### Design:

As standard type, but with anodized pure aluminium mirror finish reflector, silicone-free (except version ... T50 H100).

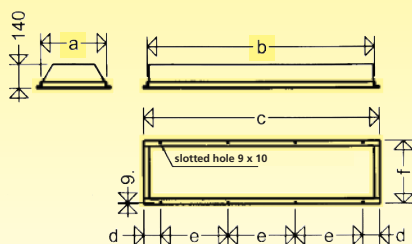
| Type                           | Article no. | Lamps W      | Weight ca. kg <sup>2)</sup> |
|--------------------------------|-------------|--------------|-----------------------------|
| 181 270 T50 H90                | 18002 0115  | 2 x QT/70 W  | 8,4                         |
| 181 270 T50 H100 <sup>1)</sup> | 18002 0116  | 2 x QT/70 W  | 8,4                         |
| 181 100/2 T50 H75              | 18002 0113  | 2 x QT/100 W | 8,4                         |

1) With silicone gasket

2) Weights without packing material

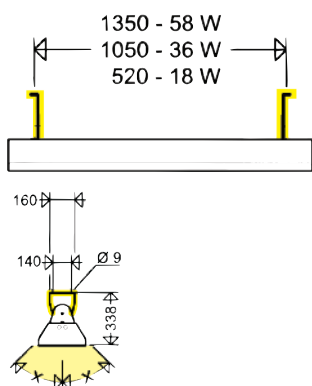
**Note:** By reducing voltage 10% the life of the halide lamp will increase by a factor of 3!

### mounting dimensions



| Frame     | a   | b    | c    | d  | e   | f   |
|-----------|-----|------|------|----|-----|-----|
| EB 181/18 | 324 | 740  | 786  | 93 | 300 | 370 |
| EB 181/36 | 324 | 1350 | 1396 | 98 | 400 | 370 |
| EB 181/58 | 324 | 1650 | 1696 | 48 | 400 | 370 |
| EB 182/18 | 388 | 740  | 786  | 93 | 300 | 434 |
| EB 182/36 | 388 | 1350 | 1396 | 98 | 400 | 434 |
| EB 182/58 | 388 | 1650 | 1696 | 48 | 400 | 434 |

**Note:** The additional length of the cable entry must be taken in to account when mounting!



swivel angle 150°

### Mounting accessories

#### Suspension brackets H8V P



#### Ceiling brackets 15A P



#### Wall and ceiling angle brackets 45° WD 45V P



#### Note:

When using the carrier rail TRS 2000 the mounting accessories for TRS 2000 EX should be used (see section „Ex-light fittings“).

See end of section “Dustproof/Waterproof light fittings” for through-wiring options.

## Frames for Recessed Mounting

**retrofit possible!**

Light fittings series 181 / 182... can also be adapted for flush mounting using a separately supplied frame.

The light fitting is mounted using M5 screws along the long sides.

| Type      | Article no. |                             |
|-----------|-------------|-----------------------------|
| EB 181/18 | 18091 0001  | frame for 181 .18/14/24W    |
| EB 181/36 | 18091 0002  | frame for 181 .36/28/54W    |
| EB 181/58 | 18091 0003  | frame for 181 .58/35/49/80W |
| EB 182/18 | 18091 0004  | frame for 182 .18/14/24W    |
| EB 182/36 | 18091 0005  | frame for 182 .36/28/54W    |
| EB 182/58 | 18091 0006  | frame for 182 .58/35/49/80W |

#### Note:

High temperature light fittings series 181/182... H.. are not suitable for recessed ceiling- or wall-mounting!

## Swivel Arm Mounting System

**retrofit possible!**

Light fittings series 181 / 182... can also be adapted for swivel mounting using separately supplied swivel arm mounting accessories. The swivel mounting

brackets are screwed to the light fitting at the suspension points. Swivel angle  $\pm 75^\circ$  (see dimension drawing).

| Type          | Article no. |                                                                                             |
|---------------|-------------|---------------------------------------------------------------------------------------------|
| SWA 181/182   | 18092 0001  | for all lamp lengths, consisting of 2 swivel brackets and screws M8                         |
| SWA 181/182 E | 18092 0002  | stainless steel version for all lamp lengths, consisting of 2 swivel brackets and screws M8 |

## Accessories / Spare Parts

| Type                                                                            | Article no. |                                                             |
|---------------------------------------------------------------------------------|-------------|-------------------------------------------------------------|
| Spare safety-glass                                                              |             |                                                             |
| 181 18-1                                                                        | 18090 9001  | for 181 .18/14/24W                                          |
| 181 36-1                                                                        | 18090 9002  | for 181 .36/28/54W                                          |
| 181 58-1                                                                        | 18090 9003  | for 181 .58/35/49/80W                                       |
| 182 18-1                                                                        | 18090 9004  | for 182 .18/14/24W                                          |
| 182 36-1                                                                        | 18090 9005  | for 182 .36/28/54W                                          |
| 182 58-1                                                                        | 18090 9006  | for 182 .58/35/49/80W                                       |
| PC- safety glass for series 181/182... IFS (without stabilizing frame)          |             |                                                             |
| 181 18-1 PC                                                                     | 18090 9007  | for 181 .18/14/24W                                          |
| 181 36-1 PC                                                                     | 18090 9008  | for 181 .36/28/54W                                          |
| 181 58-1 PC                                                                     | 18090 9009  | for 181 .58/35/49/80W                                       |
| 182 18-1 PC                                                                     | 18090 9010  | for 182 .18/14/24W                                          |
| 182 36-1 PC                                                                     | 18090 9011  | for 182 .36/28/54W                                          |
| 182 58-1 PC                                                                     | 18090 9012  | for 182 .58/35/49/80W                                       |
| PC- safety glass for series 181/182... SSK (with gasket, without mounting rail) |             |                                                             |
| 181 18-1 PC SSK                                                                 | 18090 9013  | for 181 .18/14/24W                                          |
| 181 36-1 PC SSK                                                                 | 18090 9014  | for 181 .36/28/54W                                          |
| 181 58-1 PC SSK                                                                 | 18090 9015  | for 181 .58/35/49/80W                                       |
| 182 18-1 PC SSK                                                                 | 18090 9016  | for 182 .18/14/24W                                          |
| 182 36-1 PC SSK                                                                 | 18090 9017  | for 182 .36/28/54W                                          |
| 182 58-1 PC SSK                                                                 | 18090 9018  | for 182 .58/35/49/80W                                       |
| Lamp holders                                                                    |             |                                                             |
| 177/1                                                                           | 17703 9000  | without starter holder                                      |
| 177/2                                                                           | 17703 9001  | with starter holder                                         |
| STF 182                                                                         | 90138 9002  | starter holder                                              |
| 182/1 T140                                                                      | 90056 9005  | lamp holder (from AT +50°C)                                 |
| 190                                                                             | 90056 9007  | lamp holder T5                                              |
| Mounting accessories                                                            |             |                                                             |
| H8 V P                                                                          | 90001 0002  | 1 pair suspension brackets with screws M8, stainless steel  |
| 15A P                                                                           | 90000 0002  | 1 pair ceiling brackets, galvanized steel                   |
| 15A V P                                                                         | 90032 0002  | 1 pair ceiling brackets, stainless steel                    |
| WD 45 P                                                                         | 26000 0005  | 1 pair wall and ceiling angle brackets 45°, painted white   |
| WD 45V P                                                                        | 26000 0006  | 1 pair wall and ceiling angle brackets 45°, stainless steel |