

## Industrial luminaire IHLS - IP65, for HIT lamps

**Design:** Surface-mounted industrial luminaire with IP65 protection rating for ceiling, pendant or trunking mounting. Rigid galvanised steel luminaire housing with scratch resistant white powder coated finish, colour similar to RAL9016. Prefitted top reflector in high-reflectance super-purity anodised aluminium with silver coating. Narrow frame in sectional extruded aluminium with panel of toughened safety glass. Frame held in the luminaire housing by spring clips, hinges downwards on both sides. EVG and connector block thermally and spatially isolated from the lamp compartment by a double partition plate.

### Electrical versions:

- **Magnetic VG:** Low-loss magnetic ballast 230 Volt, 50 Hz with temperature fuse, flame and explosion-proof capacitor, igniter with automatic cut-out and internal connector block 5x2.5mm<sup>2</sup>.

**Mounting:** Mounting directly on the ceiling without additional accessories using fixing brackets mounted on site.

Pendant mounting on chain or wire using fixing brackets mounted on site.

Trunking mounting with standard fastenings.

**Accessories:** For luminaire-specific accessories, see the luminaire series, general accessories are featured at the end of the chapter.

### IHLS ... AS

Clear panel in toughened safety glass, reflector AS asymmetrical distribution made of high-reflectance specular, super-purity anodised aluminium with silver coating.

### IHLS ... B

Clear panel in toughened safety glass, reflector B wide symmetrical distribution made of high-reflectance specular, super-purity anodised aluminium with silver coating

### IHLS ... T

Clear panel in toughened safety glass, reflector T symmetrical narrow distribution made of high-reflectance specular, super-purity anodised aluminium with silver coating.



IHLS ... AS

IHLS ... B

IHLS ... T

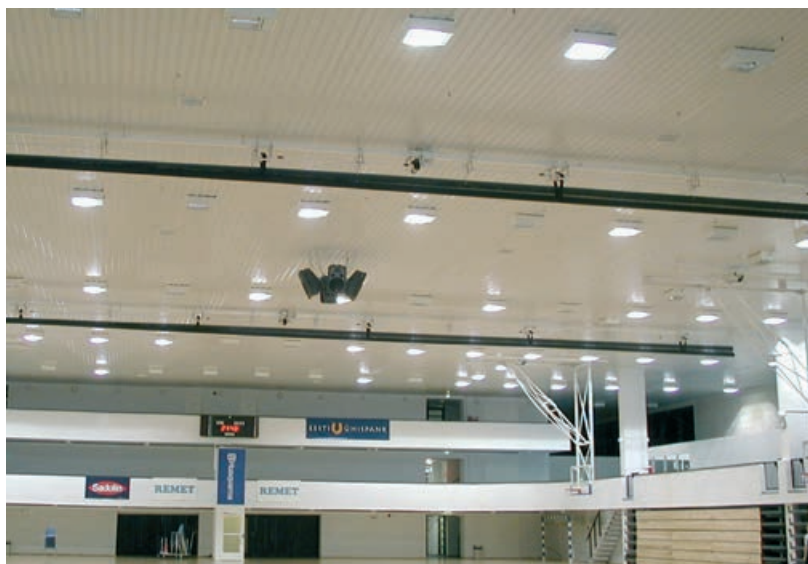


| Model               | Lamps           | Dimens. [mm] |     |     |     |     |     | magnetic ballast<br>Prod. code | electronic ballast<br>Prod. code | dim. ballast (DALI)<br>Prod. code |
|---------------------|-----------------|--------------|-----|-----|-----|-----|-----|--------------------------------|----------------------------------|-----------------------------------|
|                     |                 | L            | B   | H   | A1  | A2  | H2  |                                |                                  |                                   |
| IHLS 250 AS-HIT/HST | 1xHIT-HST 250 W | 576          | 500 | 159 | 536 | 400 | 209 | 0300841                        |                                  |                                   |
| IHLS 400 AS-HIT/HST | 1xHIT-HST 400 W | 576          | 500 | 159 | 536 | 400 | 209 | 0300842                        |                                  |                                   |
| IHLS 250 B-HIT/HST  | 1xHIT-HST 250 W | 576          | 500 | 159 | 536 | 400 | 209 | 0300839                        |                                  |                                   |
| IHLS 400 B-HIT/HST  | 1xHIT-HST 400 W | 576          | 500 | 159 | 536 | 400 | 209 | 0300840                        |                                  |                                   |
| IHLS 250 T-HIT/HST  | 1xHIT-HST 250 W | 576          | 500 | 159 | 536 | 400 | 209 | 0300843                        |                                  |                                   |
| IHLS 400 T-HIT/HST  | 1xHIT-HST 400 W | 576          | 500 | 159 | 536 | 400 | 209 | 0300844                        |                                  |                                   |

## Accessories

| Model     | Description                                               | Prod. code |
|-----------|-----------------------------------------------------------|------------|
| ZGH       | Rubber suction device for removal of the protective glass | 0203626    |
| ZRO       | Frame opener                                              | 0204003    |
| ZSP-SK-3M | Wire pendant loop w. clamp, wire dia. 2.0 mm L=3.0m, 1pc  | 0207880    |

For mounting in trunking, pendant mounting and additional accessories, see under accessories for hostile environment luminaires at the end of the chapter.



## Industrial luminaire IHLS - IP65, for T16 lamps

**Design:** Surface-mounted industrial luminaire protection rating IP65 for ceiling, pendant or rail mounting. Rigid galvanised steel luminaire housing with scratch-proof white powder coated finish. Prefitted top mirror reflector in high-reflectance matt anodised super-purity aluminium with silver coating. Narrow frame in extruded aluminium with panel of impact-resistant UV stabilised acrylic (PMMA). Frame retained in the luminaire housing by spring clips and hinges downwards on both sides.

### Electrical versions:

- Electronic VG: With electronic multiwatt ballast (MW-EVG), warm start lamps, 220-240 Volt, 0/50-60 Hz and internal connector block 5x2.5mm<sup>2</sup>.

**Mounting:** Ceiling mounting without additional accessories using attached cap profiles or directly on the ceiling with accessory IHLS-DB .....

Pendant mounting on chain or wire using attached cap profiles.

Trunking mounting with fixing clips or standard fastenings.

**Accessories:** For luminaire-specific accessories, see the luminaire series, general accessories are featured at the end of the chapter.

**Note:** Luminaires with EVG comply with the D symbol requirements according to new standard and FF according to the old standard.

### Note „ball resistant“:

RIDI luminaires with this sign are produced to the appropriate mechanical and photometric standards demanded for sports hall lighting.

They comply with ball-resistant safety requirements according to DIN 18032, part 3 and have been tested for that purpose by the MPA in Stuttgart.

### IHLS ... SG

Clear panel in PMMA, parabolic mirror louvre SG made of high-reflectance specular anodised super-purity aluminium with silver coating, reflector made of high-reflectance matt anodised super-purity aluminium with silver coating.

### IHLS ... SB

Clear panel SB in PMMA, reflector made of high-reflectance matt anodised super-purity aluminium with silver coating.

### IHLS ... OS

Opal panel OS in PMMA, reflector made of high-reflectance matt anodised super-purity aluminium with silver coating.

### IHLS ... W

Clear panel in PMMA, white louvre W made of white coated aluminium, reflector made of high-reflectance matt anodised super-purity aluminium with silver coating.



acc. to VDE 0711/0875

IHLS ... SG



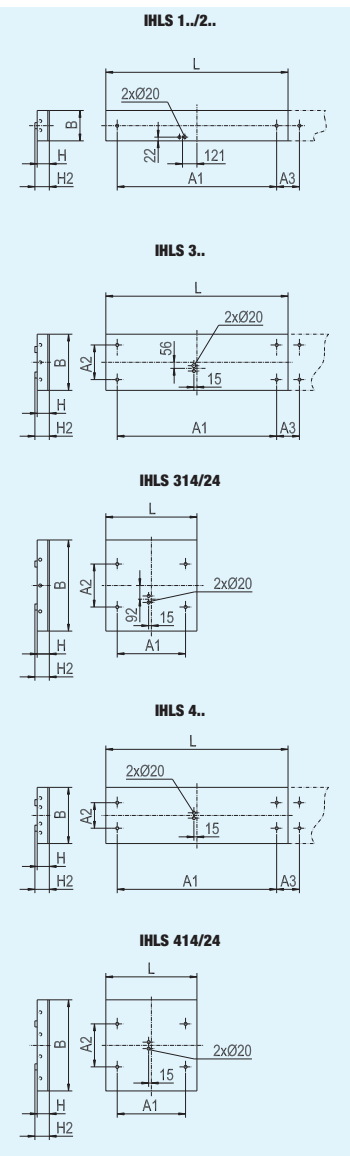
IHLS ... SB



IHLS ... OS



IHLS ... W



| Model             | Lamps            | L    | B   | Dimens. [mm] | H    | A1  | A2  | A3 | H2 | magnetic ballast<br>Prod. code | electronic ballast<br>Prod. code | dim. ballast (DALI)<br>Prod. code |
|-------------------|------------------|------|-----|--------------|------|-----|-----|----|----|--------------------------------|----------------------------------|-----------------------------------|
| IHLS 128/54 SG    | 1xT16 28/54 W    | 1200 | 200 | 80           | 1050 | -   | 150 | 95 |    |                                | 0627034                          |                                   |
| IHLS 135/49/80 SG | 1xT16 35/49/80 W | 1500 | 200 | 80           | 1350 | -   | 150 | 95 |    |                                | 0627038                          |                                   |
| IHLS 228/54 SG    | 2xT16 28/54 W    | 1200 | 248 | 80           | 1050 | -   | 150 | 95 |    |                                | 0627303                          |                                   |
| IHLS 235/49/80 SG | 2xT16 35/49/80 W | 1500 | 248 | 80           | 1350 | -   | 150 | 95 |    |                                | 0627287                          |                                   |
| IHLS 314/24 SG    | 3xT16 14/24 W    | 600  | 600 | 80           | 450  | 400 | -   | 95 |    |                                | 0627012                          |                                   |
| IHLS 328/54 SG    | 3xT16 28/54 W    | 1200 | 370 | 80           | 1050 | 224 | 150 | 95 |    |                                | 0627050                          |                                   |
| IHLS 335/49/80 SG | 3xT16 35/49/80 W | 1500 | 370 | 80           | 1350 | 224 | 150 | 95 |    |                                | 0627054                          |                                   |
| IHLS 414/24 SG    | 4xT16 14/24 W    | 600  | 600 | 80           | 450  | 400 | -   | 95 |    |                                | 0627030                          |                                   |
| IHLS 428/54 SG    | 4xT16 28/54 W    | 1200 | 466 | 80           | 1050 | 216 | 150 | 95 |    |                                | 0627307                          |                                   |
| IHLS 435/49/80 SG | 4xT16 35/49/80 W | 1500 | 466 | 80           | 1350 | 216 | 150 | 95 |    |                                | 0627291                          |                                   |
| IHLS 128/54 SB    | 1xT16 28/54 W    | 1200 | 200 | 80           | 1050 | -   | 150 | 95 |    |                                | 0627037                          |                                   |
| IHLS 135/49/80 SB | 1xT16 35/49/80 W | 1500 | 200 | 80           | 1350 | -   | 150 | 95 |    |                                | 0627041                          |                                   |
| IHLS 228/54 SB    | 2xT16 28/54 W    | 1200 | 248 | 80           | 1050 | -   | 150 | 95 |    |                                | 0627302                          |                                   |
| IHLS 235/49/80 SB | 2xT16 35/49/80 W | 1500 | 248 | 80           | 1350 | -   | 150 | 95 |    |                                | 0627286                          |                                   |
| IHLS 314/24 SB    | 3xT16 14/24 W    | 600  | 600 | 80           | 450  | 400 | -   | 95 |    |                                | 0627029                          |                                   |
| IHLS 328/54 SB    | 3xT16 28/54 W    | 1200 | 370 | 80           | 1050 | 224 | 150 | 95 |    |                                | 0627053                          |                                   |
| IHLS 335/49/80 SB | 3xT16 35/49/80 W | 1500 | 370 | 80           | 1350 | 224 | 150 | 95 |    |                                | 0627057                          |                                   |
| IHLS 414/24 SB    | 4xT16 14/24 W    | 600  | 600 | 80           | 450  | 400 | -   | 95 |    |                                | 0627033                          |                                   |
| IHLS 428/54 SB    | 4xT16 28/54 W    | 1200 | 466 | 80           | 1050 | 216 | 150 | 95 |    |                                | 0627306                          |                                   |
| IHLS 435/49/80 SB | 4xT16 35/49/80 W | 1500 | 466 | 80           | 1350 | 216 | 150 | 95 |    |                                | 0627290                          |                                   |

| Model             | Lamps            | Dimens. [mm] |     |    |      |     |     |    | magnetic ballast<br>Prod. code | electronic ballast<br>Prod. code | dimm. ballast (DALI)<br>Prod. code |
|-------------------|------------------|--------------|-----|----|------|-----|-----|----|--------------------------------|----------------------------------|------------------------------------|
|                   |                  | L            | B   | H  | A1   | A2  | A3  | H2 |                                |                                  |                                    |
| IHLS 128/54 OS    | 1xT16 28/54 W    | 1200         | 200 | 80 | 1050 | -   | 150 | 95 |                                | 0627036                          |                                    |
| IHLS 135/49/80 OS | 1xT16 35/49/80 W | 1500         | 200 | 80 | 1350 | -   | 150 | 95 |                                | 0627040                          |                                    |
| IHLS 228/54 OS    | 2xT16 28/54 W    | 1200         | 248 | 80 | 1050 | -   | 150 | 95 |                                | 0627304                          |                                    |
| IHLS 235/49/80 OS | 2xT16 35/49/80 W | 1500         | 248 | 80 | 1350 | -   | 150 | 95 |                                | 0627288                          |                                    |
| IHLS 314/24 OS    | 3xT16 14/24 W    | 600          | 600 | 80 | 450  | 400 | -   | 95 |                                | 0627028                          |                                    |
| IHLS 328/54 OS    | 3xT16 28/54 W    | 1200         | 370 | 80 | 1050 | 224 | 150 | 95 |                                | 0627052                          |                                    |
| IHLS 335/49/80 OS | 3xT16 35/49/80 W | 1500         | 370 | 80 | 1350 | 224 | 150 | 95 |                                | 0627056                          |                                    |
| IHLS 414/24 OS    | 4xT16 14/24 W    | 600          | 600 | 80 | 450  | 400 | -   | 95 |                                | 0627032                          |                                    |
| IHLS 428/54 OS    | 4xT16 28/54 W    | 1200         | 466 | 80 | 1050 | 216 | 150 | 95 |                                | 0627308                          |                                    |
| IHLS 435/49/80 OS | 4xT16 35/49/80 W | 1500         | 466 | 80 | 1350 | 216 | 150 | 95 |                                | 0627292                          |                                    |
| IHLS 128/54 W     | 1xT16 28/54 W    | 1200         | 200 | 80 | 1050 | -   | 150 | 95 |                                | 0627035                          |                                    |
| IHLS 135/49/80 W  | 1xT16 35/49/80 W | 1500         | 200 | 80 | 1350 | -   | 150 | 95 |                                | 0627039                          |                                    |
| IHLS 228/54 W     | 2xT16 28/54 W    | 1200         | 248 | 80 | 1050 | -   | 150 | 95 |                                | 0627305                          |                                    |
| IHLS 235/49/80 W  | 2xT16 35/49/80 W | 1500         | 248 | 80 | 1350 | -   | 150 | 95 |                                | 0627289                          |                                    |
| IHLS 314/24 W     | 3xT16 14/24 W    | 600          | 600 | 80 | 450  | 400 | -   | 95 |                                | 0627013                          |                                    |
| IHLS 328/54 W     | 3xT16 28/54 W    | 1200         | 370 | 80 | 1050 | 224 | 150 | 95 |                                | 0627051                          |                                    |
| IHLS 335/49/80 W  | 3xT16 35/49/80 W | 1500         | 370 | 80 | 1350 | 224 | 150 | 95 |                                | 0627055                          |                                    |
| IHLS 414/24 W     | 4xT16 14/24 W    | 600          | 600 | 80 | 450  | 400 | -   | 95 |                                | 0627031                          |                                    |
| IHLS 428/54 W     | 4xT16 28/54 W    | 1200         | 466 | 80 | 1050 | 216 | 150 | 95 |                                | 0627309                          |                                    |
| IHLS 435/49/80 W  | 4xT16 35/49/80 W | 1500         | 466 | 80 | 1350 | 216 | 150 | 95 |                                | 0627293                          |                                    |

## Accessories

| Model             | Description                                                  | Prod. code |
|-------------------|--------------------------------------------------------------|------------|
| IHLS-DB 154       | Ceiling fixing kit for IHLS 128/54 and 228/54, white         | 0208098    |
| IHLS-DB 180       | Ceiling fixing kit for IHLS 135/49/80 and 235/49/80, white   | 0208099    |
| IHLS-DB 254       | Ceiling fixing kit for IHLS 228/54, white                    | 0208392    |
| IHLS-DB 280       | Ceiling fixing kit for IHLS 235/49/80, white                 | 0208393    |
| IHLS-DB 324/424   | Ceiling fixing kit for IHLS 314/24 and 414/24, white         | 0208102    |
| IHLS-DB 354/354-4 | Ceiling fixing kit for IHLS 428/54 and 428/54-3, white       | 0208100    |
| IHLS-DB 380/380-4 | Ceiling fixing kit for IHLS 435/49/80 and 435/49/80-3, white | 0208101    |
| IHLS-DB 454       | Ceiling fixing kit for IHLS 428/54, white                    | 0208390    |
| IHLS-DB 480       | Ceiling fixing kit for IHLS 435/49/80, white                 | 0208391    |
| UKNS              | Wire pendant w. ceiling fixing and wire clamp, 1.5m, 1 pc    | 0210958    |
| UKNS 3M           | Wire pendant w. ceiling fixing and wire clamp 3.0m, 1 pc     | 0215942    |
| UKNS 5M           | Wire pendant w. ceiling fixing and wire clamp 5.0m, 1 pc     | 0215943    |
| ZGH               | Rubber suction device for removal of the protective glass    | 0203626    |
| ZRO               | Frame opener                                                 | 0204003    |



For mounting in trunking, pendant mounting and additional accessories, see under accessories for hostile environment luminaires at the end of the chapter.

