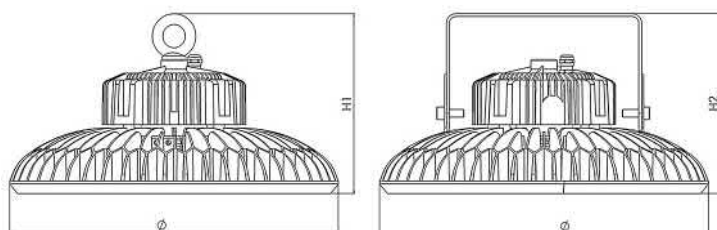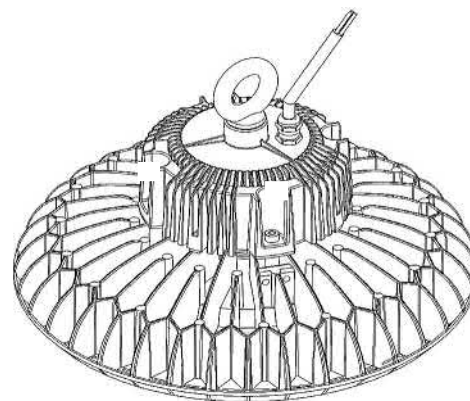**VYRTYCH**  **Malux** *solutions*

**EN**   MOUNTING INSTRUCTIONS

# RUSSELL – LED
# RUSSELL – LED – DALI
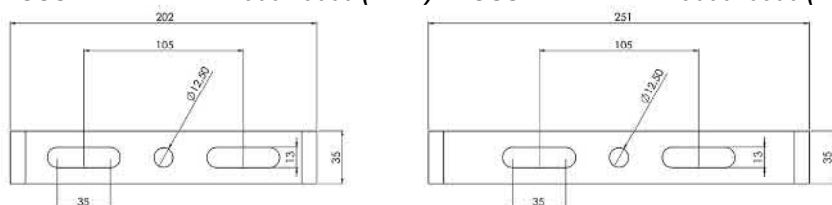# IP65

**1) Dimensions of the luminaire:**



| Type of luminaire | Power (W) | Ø (mm) | H1 (mm) | H2 (mm) | Weight (kg) |
|---|---|---|---|---|---|
| RUSSELL-LED-14500 (DALI) | 103 | 340 | 187 | 255 | 6,5 |
| RUSSELL-LED-22000 (DALI) | 162 | 400 | 197 | 282 | 8 |
| RUSSELL-LED-19000 (DALI) | 146 | 340 | 187 | 255 | 6,5 |
| RUSSELL-LED-26500 (DALI) | 197 | 400 | 197 | 282 | 8 |

| Number of luminaires on a MCB | B10 | B16 | C10 | C16 |
|---|---|---|---|---|
| RUSSELL-LED-14500 | 2 | 4 | 4 | 7 |
| RUSSELL-LED-19000 | 2 | 4 | 4 | 7 |
| RUSSELL-LED-22000 | 1 | 2 | 2 | 3 |
| RUSSELL-LED-26500 | 1 | 2 | 2 | 3 |

**2) Dimensions of surface mounts:**
*RUSSELL – LED – 14500/19000 (DALI) / RUSSELL – LED – 1900026500 (DALI)*
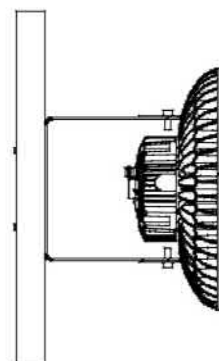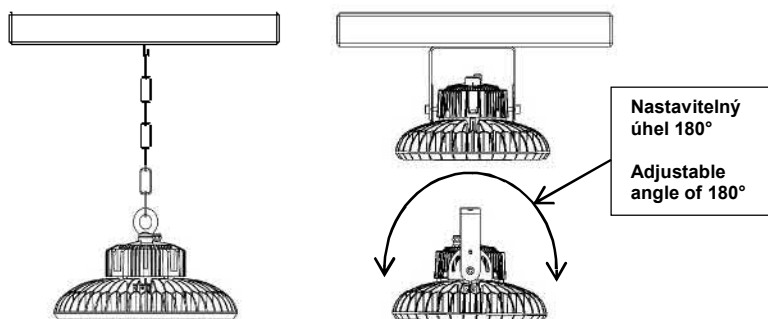


**3) Possibilities for installation: Ceiling installation**
*a) suspended mount*          *b) surface mount*
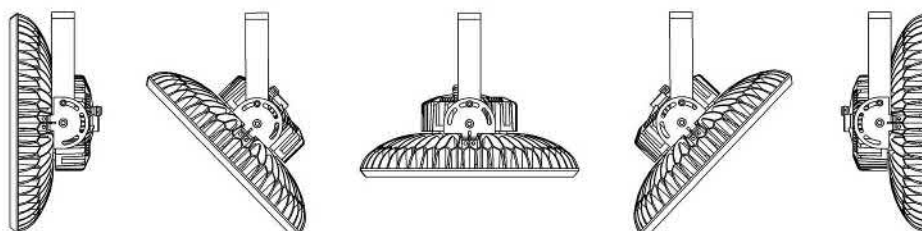
**4) Possibilities for installation: Wall installation**
*c) surface mount*



**Nastavitelný úhel 180°**

**Adjustable angle of 180°**

**5) Montážní polohy při montáži pomocí výložníku**
**5) Mounting positions for surface mounting**

## Upozornění pro montáž svítidla RUSSELL – LED
## Warning for mounting lighting fixture RUSSELL – LED

**/EN/** Producer included in the recycling system provided by EKO-KOM company. (EK-F06070058)

**/EN/** The lighting fixture can be installed by authorized persons only according to valid regulations on professional qualifications in electrical engineering. Failure to comply with manufacturer's installation instructions not liable for any damages**!**

**/EN/** Construction of the lighting fixture doesn´t needs special maintenance. Wash the polluted housing with the cool water and detergent.

**/EN/** In case of instruction non-performance producer can´t be responsible for relevant damages caused!

**/EN/** When the lighting installation you should follow ESD safety aids worth using!

**/EN/** The luminaire is equipped with 2m supply cable with diameter 7mm and cable cross section is 3x1,5mm².

**/EN/** The light source in this luminaire is non-replaceable.

**Mounting instruction:**
1) Take the lighting fixture from transport packing.
2) Fix the luminaire:
 a) Suspended mount (picture 1)
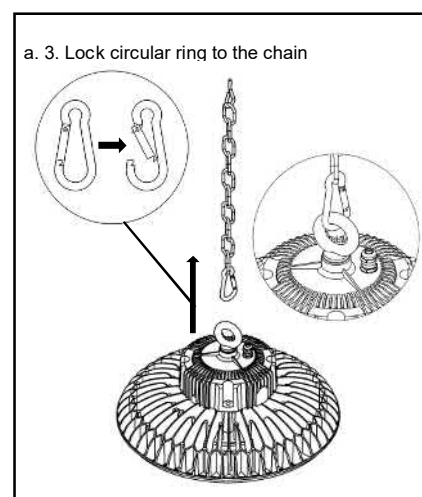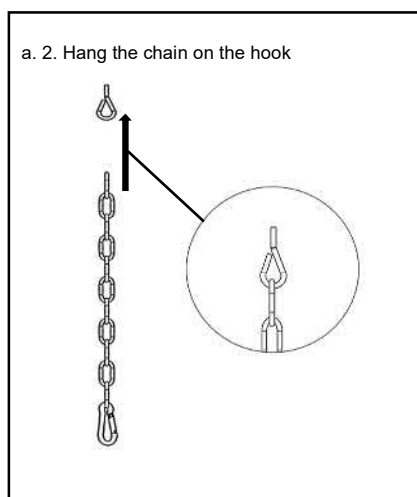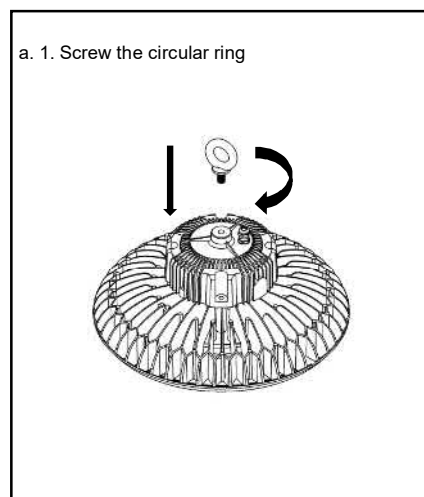 b) Surface mount (picture 2)
3) Connect supply cable as follows:

### RUSSELL – LED

| phase wire | L1 | - brown |
|---|---|---|
| neutral wire | N | - blue |
| protective wire ⊕ | | - green-yellow |

### RUSSELL – LED – DALI

| phase wire | L1 | - brown |
|---|---|---|
| Neutral wire | N | - blue |
| protective wire ⊕ | | - green-yellow |

2-core cable for dimming

| DIM + | - | blue |
|---|---|---|
| DIM - | - | white |

**Picture 1**



a. 1. Screw the circular ring



a. 2. Hang the chain on the hook



a. 3. Lock circular ring to the chain

**Picture 2**



b. 1. Drill holes according to dimmension



b. 2. Prepare connection material



b. 3. Fasten the luminaire to the background