




# Knapstein

## RUNA-152

### Oberfläche

- nikiel
- czarny
- brąz

## Technical details

<b>Kraj produkcji</b>	 Niemcy
<b>Producent</b>	Knapstein
<b>Projektant</b>	Knapstein
<b>rok</b>	2019
<b>Stopień ochrony / Stopień ochrony IP</b>	IP20
<b>Zawartość opakowania</b>	LED
<b>napięcie przydatność</b>	230 - 240 Volt
<b>tworzywo</b>	metal
<b>Regulacja wysokości</b>	z regulacją wysokości
<b>ściemnianie</b>	kontrola gestów
<b>Moc w watach</b>	72 W
<b>LED</b>	łącznie
<b>Wskaźnik oddawania barw</b>	>90
<b>Strumień świetlny w lm</b>	8.580
<b>Temperatura barwowa w stopniach Kelvina</b>	2.200 - 3.000 regulowany
<b>wymiana żarówek:</b>	u producenta / w fabryce
<b>wysokość całkowita</b>	73 - 180 cm
<b>Dimensions</b>	H 5,5 cm   B 2 cm   L 152 cm

## Opis

The Knapstein RUNA-152 is a rectangular shaped pendant lamp with rounded corners and a length of 152 cm. By pulling or lifting the lamp itself, its overall height can be adjusted continuously between 73 cm and 180 cm. The lamp can also be suspended at an angle. The lamp radiates its light both upwards and downwards. Using gesture control, it is possible to switch the uplight and downlight separately and also to dim them continuously. The light colour for the uplight and downlight can be adjusted separately by gesture control to a warmer tone (from the colour temperature 3,000 Kelvin warm white to 2,200 Kelvin extra warm white). All dimming and light colour settings are saved via the memory function and are automatically reset when the light is next switched on.

The sensor area for gesture control is located centrally on the top and bottom of the lamp. The pendant lamp is switched on or off with a wiping hand movement in the sensor area. In order to dim the lamp continuously, the hand is held in the sensor area for a longer period of time. As soon as the dimming process is complete, the lamp flickers briefly. The light colour can then be adjusted by holding the hand in the sensor area again for a longer period of time. The RUNA-152 from Knapstein is available in matt nickel, black or bronze effect. There are also offered pendant lamps from the series with a length of 92 cm or 132 cm. On request, the RUNA is also available in other lengths or surfaces.