

**HAEBERLE**

mobile workstations

## Type list

valid from 1. July 2014

**Halux®**

Medical lamps  
... quality with peak illumination



# Halux®-medical lamps

High-quality Halux®-lamps are versatile products, whether in the doctor’s consultation room, the surgery or for combined use as examination and reading lamp.

## features

- ▶ New LED lamps: Halux LED 20 S-3 and 20 F-3
- ▶ All Halux®-halogen-lamps have elegant luminaire heads with pure white finish RAL 9010
- ▶ Cable duct in articulated arm, easy and secure cleaning
- ▶ Very uniform illumination with high luminous intensity
- ▶ With most lamps, the 230/12 V electronic safety transformers are integrated in the lamp arm.
- ▶ Electronic ballast for 50% longer life of the lamps
- ▶ 16 mm stud diameter
- ▶ Wide choice of mounting brackets for table, wall or rail (see on page 7)
- ▶ Environmentally compatible
- ▶ High quality saves maintenance costs
- ▶ One-off production and project price scale on request

## You have the choice between two types of lamp arms:

### Gooseneck (S)

Very flexible arm with white protective hose, easy to clean, twists and bends any way, approx. 850 mm reach.

### Spring-balances articulated arm (F)

Aesthetic articulated arm with spring balance for easy and comfortable positioning of the lamp. The spring balance makes the joints extra long-lived. Ease of use of the lamp allows the nurses to concentrate less on the correct position of the lamp, which saves time. No accidental collapse of the lamp (risk of accident and fire). Approx. 1.000 mm reach.

**All Halux®-halogen-lamps comply with the latest version of medical norms and are CE tested. EN 60601, EN 60598, EN 12464 (replaces DIN 5035-3)**

For example, the following lighting requirements (lux values) are defined:

- General examination lamps: 1000 lx  
Dental examination: Oral cavity > 5.000 lx; environs 1.000 lx  
Room lighting 500 lx  
Special case intensive care: Examination lighting 1.000 lx; on the bed  
General lighting 100 to 300 lx

Use as	Examination lamp	Examination and treatment lamp	Bedside reading lamp
Halux® 20 S	X		
Halux® 35 F		X	
Halux® 35 F-2	X		X
Halux® 50 S		X	
Halux® 50 F	X		
Halux® 20 S-3			X
Halux® LED 20 S-3		X	
Halux® LED 20 F-3		X	
LED magnifier lamp	X	X	

Item	Description	Ref. no.
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Halogen examination lamps

Please do not forget to order the respective mounting devices listed on page 7.

Halux® 20 S



Halogen examination lamp with flexible gooseneck arm and shockproof polyamide lamp housing.

Reach: 850 mm  
Lamp: 1 x halogen bulb  
12 V/20 W/10° spot  
Light output: **approx. 18.000 Lux/0,5 m**  
Operating unit: electronic transformer  
Supply voltage: 230 V/50 Hz AC  
240 V/50 Hz AC  
Power supply cable: approx. 3 m/Euro plug  
Luminaire housing: polycarbonate  
Weight (net): approx. 1,2 kg  
Power consumption: 25 W  
Switch: 2-Rocker switch  
Circuit type: 2-pin, primary, I-0  
Protection class: II

12181

Halux® 35 F



The high-performance examination lamp with modern, spring balanced arm and with on-off switch at the top of the lamp.

Reach: 1.000 mm  
Lamp: 1 x halogen bulb  
12 V/35 W/10° spot  
Light output: **approx. 32.000 Lux/0,5 m**  
Operating unit: electronic transformer  
Supply voltage: 230 V/50 Hz AC  
Power supply cable: approx. 1,4 m/Euro plug  
Luminaire housing: polycarbonate, approx. Ø 100 mm  
Weight (net): approx. 1,3 kg  
Power consumption: approx. 40 W  
Switch: rocker switch  
Circuit type: 1-pin, secondary, I-0-II  
Joint balance: by spring  
Protection class: II

15897

Halux® 35 F-2  
with retaining ring





Extremely powerful halogen lamp, can be used as examination or bedside lamp; spring balances articulated lamp arm; recommended for intensive care wards.

Reach: 1.000 mm  
Lamp: 1 x halogen bulb  
12 V/35 W/10° spot  
1 x halogen bulb  
12 V/35 W/38° flood  
Light output: **approx. 30.000 Lux/0,5 m, 10°**  
**approx. 5.000 Lux/0,5 m, 38°**  
Operating unit: electronic transformer  
Supply voltage: 230 V/50 Hz AC  
Power supply cable: approx. 3 m/Euro plug  
Luminaire housing: polycarbonate, approx. Ø 100 mm  
Weight (net): approx. 1,5 kg  
Power consumption: approx. 40 W  
Switch: rocker switch  
Circuit type: 1-pin, secondary, spot-0-flood  
Joint balance: by spring  
Protection class: II

15912

# HAEBERLE lamps

Item	Description	Ref. no.
Halux® 50 S	<div></div> <div><p>Halogen examination lamp with cold light, with gooseneck arm and white protective hose. Ideally suited for small surgery work.</p><p>Reach: 850 mm Lamp: 1 x halogen bulb 12 V/50 W/10° spot</p><p>Light output: <b>approx. 48.000 Lux/0,5 m</b> Operating unit: electronic transformer Supply voltage: 230 V/50 Hz AC Power supply cable: approx. 3 m/Euro plug Luminaire housing: polycarbonate, approx. Ø 100 mm Weight (net): approx. 1,4 kg Power consumption: 60 W Switch: 2-Rocker switch Circuit type: 2-pin, primary 1. switch: I-O 2. switch: 2-pin, 60/100% Protection class: II</p></div>	14570

Halux® 50 F	<div></div> <div><p>Halogen examination lamp with modern spring balanced arm and with on-off switch at the top of the lamp.</p><p>Reach: 1.000 mm Lamp: 1 x halogen bulb 12 V/50 W/10° spot</p><p>Light output: <b>approx. 48.000 Lux/0,5 m</b> Operating unit: electronic transformer Supply voltage: 230 V/50 Hz AC Power supply cable: approx. 3 m/Euro plug Luminaire housing: polycarbonate, approx. Ø 100 mm Weight (net): approx 1,5 kg Power consumption: 60 W Switch: rocker Circuit type: 2-pin, primary, I-O Joint balance: by spring Protection class: II</p></div>	15898
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## ENT halogen back-mirror lamp

Halux 35 F ENT halogen back-mirror lamp	<div></div> <div><p>The practical, stable and aesthetic halogen lamp. The white (RAL 9010), impact-resistant plastic housing has about 100 mm diameter.</p><p>The lamp has frosted glass filter. Halogen lamp 35 W / 12 V, 10° spot Articulated arm reach: abt. 1.000 mm</p><p>Please order mounting bracket separately!</p></div>	16425
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Item	Description	Ref. no.
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## LED examination and treatment lamps

The LED examination and treatment lamps have a high illumination level with seven powerful LEDs and adjustable light for better contrast vision. A wide field intensely illuminated allows to see the regions to be examined at a glance and the reduced heat release helps to concentrate better. The light color (light temperature in Kelvin) can be modified according to the type of intervention. It is possible to select 3 light colour shades and 5 dimming levels.

The LEDs have a minimum service life of 30.000 operating hours.

Three colour shades: 3300 K (warm white) - for different types of skin examination  
3800 K (neutral white) - for general examinations  
4400 K (cold light) - ideal for the recognition of different vessels, for post operative treatment and small interventions

### Halux® LED 20 S-3

new



Lamp: 1 x LED  
Light output: **40.000 Lux/0,5 m**  
Illumination area: Ø 17 cm/0,5 m  
Operating unit: electronic plug-in transformer  
Supply voltage: 100 - 240 V; 50/60 Hz  
Power supply cable: approx. 1,8 m  
Luminaire body: polycarbonate (PC)  
Weight (net): approx. 1,5 kg  
Power consumption: approx. 25 W  
Switch: touch panel, rocker (I/O)  
Joint balance: friktion  
Special features: 3 colour shades, 5 dimming levels, maintenance-free  
Protection class: II

**15577**




### Halux® LED 20 F-3








new



Lamp: 1 x LED  
Light output: **40.000 Lux/0,5 m**  
Illumination area: Ø 18 cm/0,5 m  
Operating unit: electronic plug-in transformer  
Supply voltage: 90 - 277 V; 50/60 Hz  
Power supply cable: approx. 1,8 m/ Euro  
Luminaire body: polycarbonate (PC)  
Weight (net): approx. 1,4 kg  
Power consumption: approx. 18 W  
Switch: touch panel, rocker (I/O)  
Joint balance: spring  
Special features: 3 colour shades, 5 dimming levels, maintenance-free  
Protection class: II

**15576**

Item	Description	Ref. no.
Bedside lamps/Examination lamps/LED magnifier lamp		
Halux® 20 S-3	<div></div> <p>Halogen reading lamp with illuminated switch on the cable. The ideal lamp for old people's or nursing homes with cool light mirror bulb , gooseneck arm and rotary lamphead. Absolute secure due to reflector cooling. Therefore the head of the lamp is not more than warm to the touch. Please order mounting bracket separately!</p> <p>Reach: 750 mm Lamp: 1 x halogen bulb 12 V/20 W/38° spot</p> <p>Light output: <b>approx. 3.000 Lux/0,5 m</b> Supply voltage: 230 V/50 Hz AC Power supply cable: approx. 3 m/Euro plug Luminaire housing: polycarbonate Switch: illuminated switch Circuit type: 1-pin, secondary Protection class: II</p>	12482
Halux® 35 F-2 with retaining ring	<div></div> <p>Extremely powerful halogen lamp, can be used as examination or bedside lamp; spring balances articulated lamp arm; recommended for intensive care wards.</p> <p>Reach: 1.000 mm Lamp: 1 x halogen bulb 12 V/35 W/10° spot 1 x halogen bulb 12 V/35 W/38° flood</p> <p>Light output: <b>approx. 30.000 Lux/0,5 m, 10°</b> <b>approx. 5.000 Lux/0,5 m, 38°</b></p> <p>Operating unit: electronic transformer Supply voltage: 230 V/50 Hz AC Power supply cable: approx. 3 m/Euro plug Luminaire housing: polycarbonate, approx. Ø 100 mm Weight (net): approx. 1,5 kg Power consumption: approx. 40 W Switch: rocker switch Circuit type: 1-pin, secondary, spot-0-flood Joint balance: by spring Protection class: II</p>	15912
magnifier lamp LED	<div></div> <p>The use of 6 innovative LEDs instead of a conventional fluorescent tube provides critical added value: 4 times more light per watt, thus considerably lower energy consumption. The light head, tubular section, and flexible hose are made of robust metal. The soft-touch sensor is integrated in the light head and therefore easy to reach. <b>Delivery includes a bracket for the table.</b></p> <p><b>The LEDs have a minimum service life of 50.000 operating hours.</b></p> <p>Lamp: 1 x LED, 4 W Light output: <b>6.000 Lux/0,5 m</b> Operating unit: electronic plug-in transformer Supply voltage: 100 - 240 V; 50/60 Hz Power supply cable: approx. 2,3 m/Euro plug Luminaire body: aluminium/plastic anodised Material: steel tube/metal flexible tube Weight (net): approx. 1,0 kg Power consumption: approx. 6 W Switch: touch-sensor Lamp cover: acrylic clear Colour luminaire body: black Colour of tubular sections: silver metallic Lens: Ø 72 mm, 5,3 dioptries Protection class: II</p>	11526

Item	Description	Ref. no.
<b>Mounting devices for table / wall / rail</b>		
<b>Mounting device Variogrip®</b>	 <p>with special adapter for Variocar® multipurpose trolley (square tube 20 x 20 mm) with fixing part for lamps, stud Ø 16 mm.</p>	<b>05234</b>
<b>Mounting device</b>	 <p>for equipment trolleys swingo® and swingo®-visit, with fixing part for lamps, stud Ø 16 mm.</p>	<b>14659</b>
<b>Table clamp</b>	 <p>with removal guard, aluminium pressure diecasting, black coating RAL 9005, clamp range 10-70 mm, suitable for lamps with stud Ø 16 mm, weight: 0,35 kg.</p>	<b>09946</b>
<b>Table holder</b>	 <p>with removal guard made of polyamid GF, white RAL 9010, suitable for lamps with stud Ø 16 mm. Dim.: 60 x 60 x 60 mm (w x d x h) weight: 0,09 kg</p>	<b>09947</b>
<b>Wall holder</b>	 <p>with removal guard made of polyamid GF, white RAL 9010, suitable for lamps with stud Ø 16 mm, weight: 0,14 kg.</p>	<b>15899</b>
<b>Mounting pulley block for rail</b>	 <p>with removal guard made of eloxal aluminium, for standard profile rail, suitable for lamps with stud Ø 16 mm, weight: 0,16 kg.</p>	<b>09949</b>
<b>5-point castor base chrome-plated</b>	 <p>base Ø 650 mm, with electrically conductive castors Ø 50 mm, 2 castors are lockable, height 1.090 mm.</p>	<b>09933</b>

All prices are understood exclusive of VAT. As an innovative company we reserve the right to amend prices and designs. As for the rest our General Terms of Business in the valid version apply.

WEEE-Reg.-Nr. DE 20235235





HAEBERLE specializes in particular in providing customized OEM versions for industrial clients. Let us know your specifications and we will provide you a product according to your individual requirements.

Please contact us!



High-quality LED or halogen lamps for many fields of application.

## Our versatile product range



Your medical distributor

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