

Series 1

Examination Lamp



LED technology
made in Germany

made
in
Germany

LED

- + bulb with central reflector assures a focused light output
- + reduced blinding reaction

Colour of lamp	white
Light source	LED, central reflector 18 V / 12 W
Light colour	appr. 4.300 K ± 200 K
Light output	> 50.000 Lux / 500 mm ~ 12.750 Lux / 1.000 mm
Light field diameter D10	100 / 160 mm at 500 / 1.000 mm
Luminous flux	160 lm
Colouring index Ra	typical 93
Colouring index R9	typical 90
Life expectancy	> 30.000 h (light source)
Switch	at lamp head
Electrical mains	100–240 V, 50–60 Hz
optional	2 step-switch

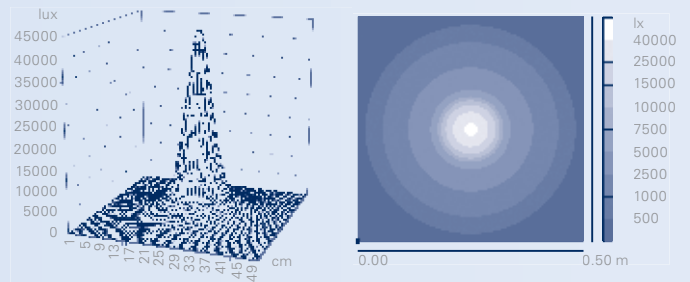
Halogen

+ proven light source as an economic alternative

Colour of lamp	white
Light source	halogen bulb with cold light reflector, 12 V / 35 W IRC, 10°
Light colour	appr. 3.000 (3.700) ¹ K
Light output	appr. 40.000 lux / 500 mm
Light field	Ø 90 / 180 mm at 500 / 1.000 mm
Life expectancy	appr. 3.000 h (light source)
Electrical mains	230 V, 50 – 60 Hz
Switch	in lamp housing / in handle (Ceiling / Wall version)

¹⁾ with colour correction filter

! Production of lamp in accordance to DIN EN 60601, 3rd Edition

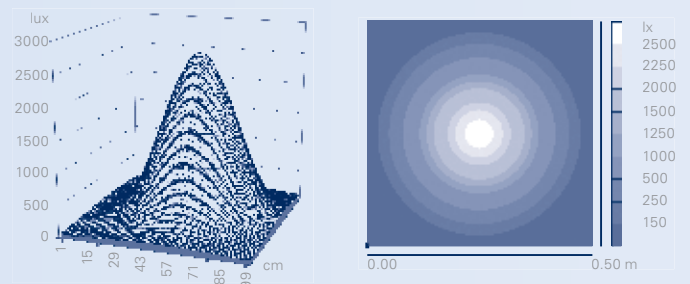


Twin version

+ lamp enables switching between an examination- and reading light

Colour of lamp	white
Light source	halogen bulb with cold light reflector, 12 V / 35 W IRC, 10° R-Lamp: appr. 12 V / 20 W, 36°
Light colour	appr. 3.000 K
Light output	E-Lamp: appr. 40.000 lux / 500 mm R-Lamp: appr. 2.500 lux / 500 mm
Light field	E-Lamp: Ø 90 / 180 mm at 500 / 1.000 mm R-Lamp: Ø 350 / 700 mm at 500 / 1.000 mm
Life expectancy	appr. 3.000 h (light source)
Electrical mains	230 V, 50 – 60 Hz
Switch	in lamp housing / in handle (Ceiling / Wall version)

! Production of lamp in accordance to DIN EN 60601, 3rd Edition



Reading Lamp graphics (Exam. Lamp graphics see above)



Lamp with Flexible Gooseneck Arm

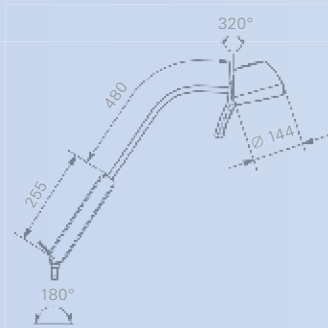
+ clean and modern design

Working radius	appr. 800 mm
Total weight (net weight)	appr. 2,6 kg
Joint pin	Ø 18, L 35 mm
optional	dimmer on request / international plug / 110 V / colour correction filter (only halogen)

wall bracket optional, for accessories see page 42

► for light details see page 20 –21

L100005A	halogen
L100006A	twin version
L100011A	LED



spring-balanced arm for user-friendly positioning (see p. 23)

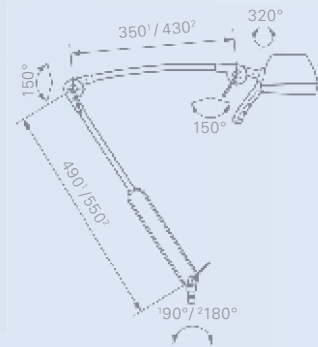




Lamp with Double-Joint Articulated Arm

+ easy and safe positioning of lamp head by means of an ergonomic handle

Working radius	appr. 1.100 mm
Total weight (net weight)	appr. 2,9 kg
Joint pin	Ø 18, L 35 mm
optional	dimmer on request / international plug / 110 V / colour correction filter (only halogen)



► for light details see page 20 –21

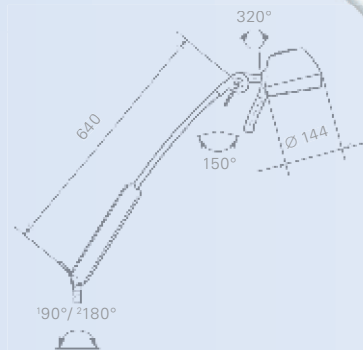
with spring-balance technology ¹	without spring-balance technology ²	
L100080A	L100061A	halogen
L100082A	L100064A	twin version
L100081A	L100071A	LED

Lamp with Joint Articulated Arm



+ available on a fixed height or adjustable pole on a mobile roller base (see page 24/25)

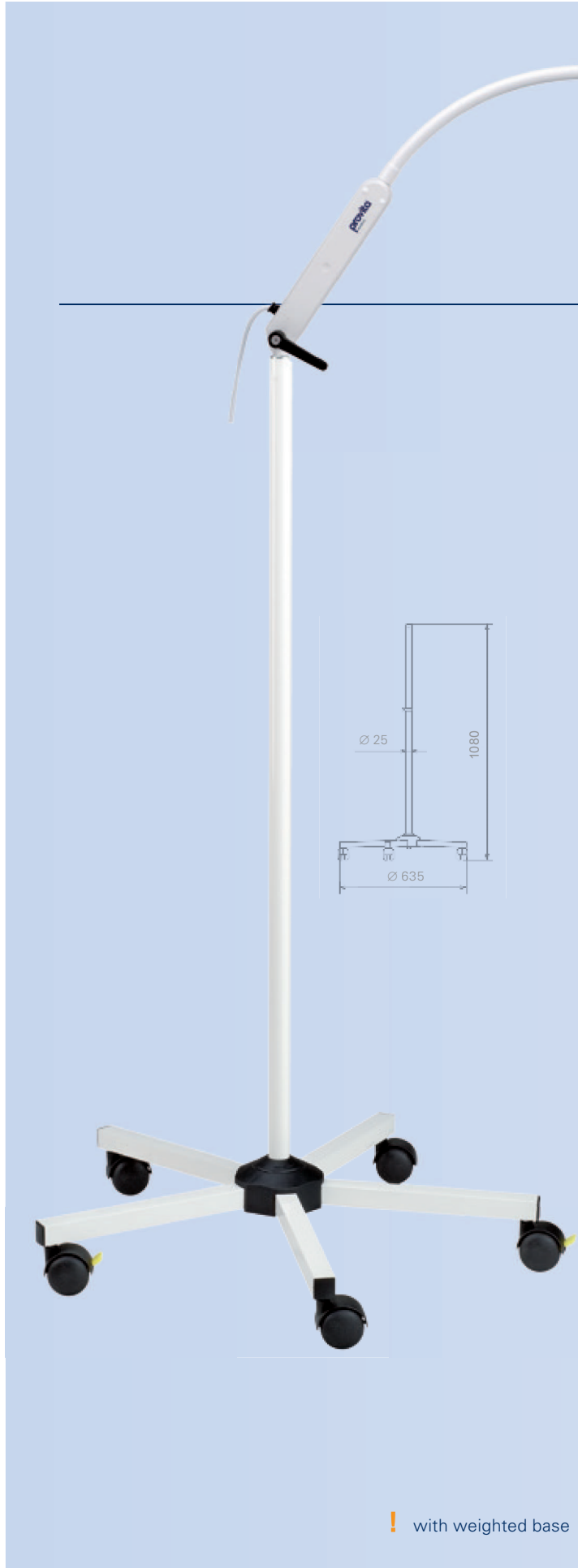
Working radius	appr. 800 mm
Total weight (net weight)	appr. 2,8 kg
Joint pin	Ø 18, L 35 mm
optional	dimmer on request / international plug / 110 V / colour correction filter (only halogen)



► for light details see page 20 –21

with spring-balance technology ¹	without spring-balance technology ²	
L100030A	L100020A	halogen
L100032A	L100019A	twin version
L100031A	L100024A	LED

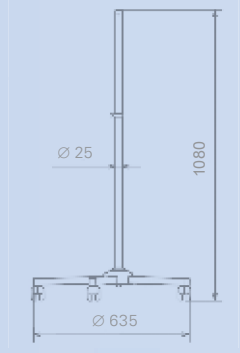
for accessories see page 42



Mobile Lamp on a Fixed Height Stand

+ mobile lamp on a stable, tilt-resistant roller base

Colour of lamp	white
Working radius	appr. 800 mm
Total weight (net weight)	appr. 7,8 kg
Joint pin	Ø 18, L 35 mm
Roller base	steel, white coated
Base diameter	appr. 635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
optional	dimmer on request / international plug / 110 V / colour correction filter (only halogen)



► for light details see page 20 –21

LED	halogen	twin version	
L111111A	L111105A	L111106A	gooseneck arm
L111171A	L111161A	L111164A	double joint articulated arm
L111124A	L111120A	L111119A	articulated arm
L111181A	L111180A	L111182A	spring balanced double joint articulated arm
L111131A	L111130A	L111132A	spring balanced articulated arm



! with weighted base

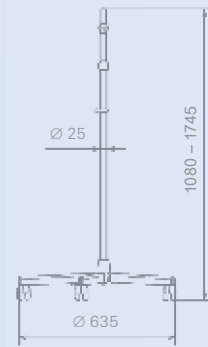
Mobile Lamp on a Height-Adjustable Stand

+ controlled by single-handed safety height adjustment

Colour of lamp	white
Working radius	appr. 800 mm
Total weight (net weight)	appr. 8,1 kg
Joint pin	Ø 18 mm, L 35 mm
Roller base	steel, white coated
Base diameter	appr. 635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Tread hardness	A 100 Shore
optional	dimmer on request / international plug / 110 V / colour correction filter (only halogen)

► for light details see page 20 –21

LED	halogen	twin version	
L121111A	L121105A	L121106A	gooseneck arm
L121171A	L121161A	L121164A	double joint articulated arm
L121124A	L121120A	L121119A	articulated arm
L121181A	L121180A	L121182A	spring balanced double joint articulated arm
L121131A	L121130A	L121132A	spring balanced articulated arm



! with weighted base



Children lamp

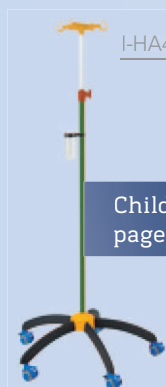
+ colourful combinations enhance the hospital environment and encourage patient rehabilitation

Light source	halogen, 12 V / 35 W, 10°
Light colour	appr. 3.000 K
Light output	40.000 lux / 500 mm
Life expectancy	up to 3.000 h
Switch	in lamp housing
Electrical mains	230 V, 50-60 Hz
Working radius	appr. 800 mm
Joint pin	Ø 18, L 35 mm
Length of tube	appr. 1.080 mm
Roller base	steel, colourful coated
Base diameter	appr. 635 mm
Castors	twin castors Ø 50 mm, according to DIN EN 60601 electrically conductive and lockable
Total weight (net weight)	appr. 7,8 kg

L111120K



I-HA4130



I-HA4126

Children IV Pole see
page 74



Wall Mounted Lamp

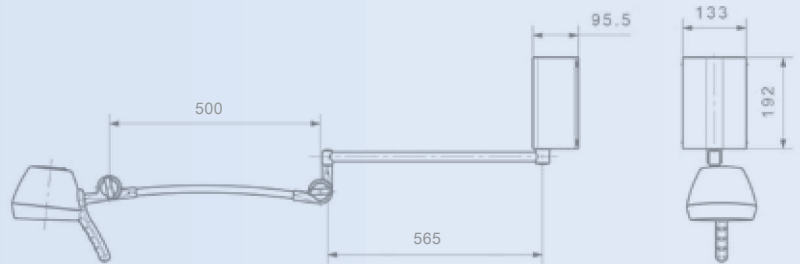


+ space saving design ensures the lamp can be „folded“ against the wall

Pivoting radius of lamp	appr. 1.100 mm
Angle of rotation	appr. 330°
Total weight (net weight)	appr. 3,2 kg
optional	twin version / external cable guidance with plug / colour correction filter (only halogen)

► for light details see page 20 –21

L140080A	LED
L140066A	halogen (switch in handle)



ergonomic handle





cover / ceiling ring
accessories see page 42

Ceiling Mounted Lamp

+ space saving alternative compared to the mobile lamp

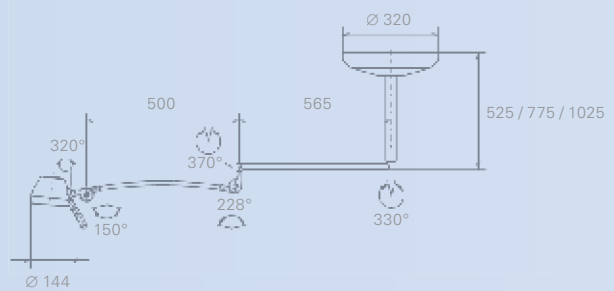
Pivoting radius of lamp	appr. 1.100 mm
Angle of rotation	appr. 370°
Total weight (net weight)	appr. 6,7 kg ¹ / 7,2 kg ² / 7,7 kg ³
Length of ceiling stem	500 mm (for room height 2,5 m) 750 mm (for room height 2,7 m) 1.000 mm (for room height 3,0 m)
optional	110 V / cover / twin version / colour correction filter (only halogen)

! Instructions for installation please see p. 192

► for light details see page 20 –21

halogen
(switch in
handle)

	LED	
L125067A	L125080A	¹⁾ for room height 2,5 m
L127067A	L127080A	²⁾ for room height 2,7 m
L130067A	L130080A	³⁾ for room height 3,0 m



! Cover not included in the delivery

! The type of mounting of the Ceiling Lamps needs to be evaluated on site. For clarification of all technical details, please send us a sectional drawing/sketch of your specific room. Our sales representatives and engineers would be glad to be of support if needed.



Spring-Balanced Ceiling Lamp with Height-Adjustment

+ flexible alternative to the fixed ceiling mounted lamp

Height adjustment	single-handed safety height adjustment
Material	stainless steel / steel
Total weight (net weight)	appr. 4,9 kg ¹ / 5,4 kg ² / 5,9 kg ³
optional	110 V / twin version

! cover included and premounted

► for light details see page 20 –21

halogen

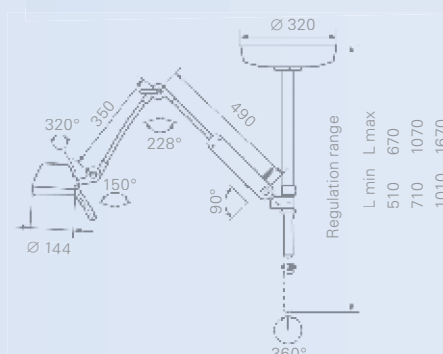
(switch in

handle) LED

L125079A L125081A ¹ for room height 2,5 m

L127079A L127081A ² for room height 2,7 m

L130079A L130081A ³ for room height 3,0 m



Spacers

+ for an easy assembling of lamps to a false ceiling

Material	steel galvanized
Raw Ceiling Plate	Ø 300 mm
Intermediate Ceiling Plate	Ø 200 mm
Ceiling Tube	Ø 65 mm

distance between ceilings

Z2S08706	400 mm
Z2S08716	650 mm
Z2S08726	850 mm
Z2S08736	950 mm
Z2S08746	1150 mm



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