



HEINE EL 3 LED

DATEN

Description	EL 3 LED
Catalogue Number	see catalogue or price list
Status / Date	25.03.2015

GENERAL

Regulation	 
Product variants	can be used with different mounting options (clamp, wall, wheeled stand) available separately
Weight	1,8kg net (lamp and wall mount) / 2,7kg gross (lamp and wall mount including packaging)
Dimensions packaging	polystyrene box and paperboard cover: 55 cm x 44 cm x 11 cm (for lamp and wall mount)
Material	synthetic material, aluminium, silicate glasses, steel, brass
REACH/RoHS	REACH & RoHS compliant
Phthalate	contains no Phthalates
Biocompatibility	The medical device does not have patient contact per intended use. Therefore the ISO 10993 is not applicable
Latex	product is Latex free
Surface	synthetic material, white and anthracite grey
Environmental conditions operation	Temp.: +10°C to +35°C, relative humidity: 10%-75%, air pressure: 700hPa to 1060hPa
Environmental conditions storage	Temp.: +5°C to +45°C, relative humidity: 45%-80%, air pressure: 500hPa to 1060hPa
Environmental conditions transport	Temp.: -20°C to +50°C, relative humidity: 45%-80%, air pressure: 500hPa to 1060hPa
IP class	IP 20
Durability	5 years warranty
Instructions for use	Deutsch, English, Français, Español, Italiano, Svenska, Nederlands, Suomi, Português
Assembly instructions	integrated in IFU
Operating elements	On/Off-switch
Power Supply	mains voltage
Accessories	clamp mount, wheeled stand
Zollcode	90189084
EAN/GTIN	4053755181643
HIBC	+E229J008270110001L
Patents	n/a

MECHANICAL

Connections	power cable (length: 2 m); hospital grade plug (US)
Imprints	Heine-Logo, "EL 3 LED" and "HEINE made in Germany"; serial number
Length goose neck	1,0m

ELECTRICAL

Power supply	100-240V AC, 50/60Hz
Protection class	I
Power consumption (effective)	max. 18 VA
Permanent operation	yes
Fuse	2x T 1.25A H 250V

CLEANING, STERILIZATION

	Please also see detailed instructions in the user manual! HEINE recommends to use Cidex OPA solution, Incides tissues and Mikrobac tissues to disinfect the device. The use of soaking or disinfection in a machine are not permitted.
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LIGHT:

Type	1 LED
Maintenance	HEINE EL 3 LED does not require regular maintenance.
Light controlling	n.a.
Luminous intensity	≥ 35.000lx (at 30cm working distance)
Colour temperature	5000K ±500K
Illuminated field	∅ 105mm ± 35mm (at 30cm working distance)
Focusability	n.a.
medium life expectance	typ. 30.000 h
Operating times	continuous operation
Working distance	30cm between distal end of examination light and patient
Colour rendering	Ra ≥ 90, R9 = typ. 90
Light direction	flexible adjustment (goose neck)