

Hanau Med



HANAULUX *blue line*

BLUE 80 · 30 · 30 S

**COMPACT LIGHT FOR
SMALL OPERATIONS**

 **GETINGE**
Surgical Systems

HANAULUX blueline – no compromises

Optimum position adjustment, light strength and efficiency – obvious features of Hanau Med lights. They adapt perfectly to the requirements of daily medical routine and different space situations to provide ideal solutions.

HANAULUX blueline for examination rooms, doctor's surgeries, outpatients' departments and small operating theatres.

Unique: FacettoChrome

The multifunctional filter and reflector system with 1,500 facets and specially coated reflector provides high precision, true-to-colour and neutral white light:

- Natural perception of colours due to colour temperature of 4,300 Kelvin and colour rendering index of 93
- Integrated, two-step interference filter provides cool light

Brilliant: ergodisc

The revolution of torsion. The ergonomic weight equilibrium balancing system ensures optimum adjustability at maximum stability.

Further highlights:

- increased smoothness of operation
- perfect positioning precision
- compact, self-contained joint system
- aerodynamic design

Strong light: the focus point cascade

The faceted reflector bundles the light output to form a brilliant column of light. This provides homogenous depth illumination of the operation field right.

Easy: changing the bulbs

With a single turn of the hand – within seconds. No tools, no adjustments.





1. Brilliant: FacettoChrome reflector system
2. HANAULUX blue 80 / blue 80. The optimum ceiling combination with 2 x 80.000 Lux. Fully rotatable, super-light manual adjustment, neutral-white light, true-to-colour and cool.
3. Optimum adjustment: ergodisc
4. Easy: changing the bulbs
5. Deep penetration: focus point cascade

HANAULUX blue 80 – always the right solution

For various tests and therapies, the application of delicate surgical feeds and drains, surgical operations or births – with HANAULUX blue 80 we offer you the right solution every time to suit your specific requirements. As a stand-free, wall-mounted and ceiling-mounted lighting system or in the battery-operated hospital version.

Convincing: HANAULUX blue 80 models

- Illuminance 80,000 Lux
- Two-step interference filter for increased heat filtering
- Electronic reserve lamp switch-over when the main light source is down
- Integrated On/Off switch, easily accessible on the body of the light
- Sterilisable hand-grips
- Full rotatability around the vertical axis and precision positioning in any desired position
- Dust-proof, robust housing with smooth surfaces for perfect hygiene

Mobile: HANAULUX blue 80 Stand/Hospital

- Reliable electronics
- Space-saving, portable due to the compact transport position
- Vertical stability due to tilt-resistant, asymmetric 5-foot safety stand and double casters with brakes

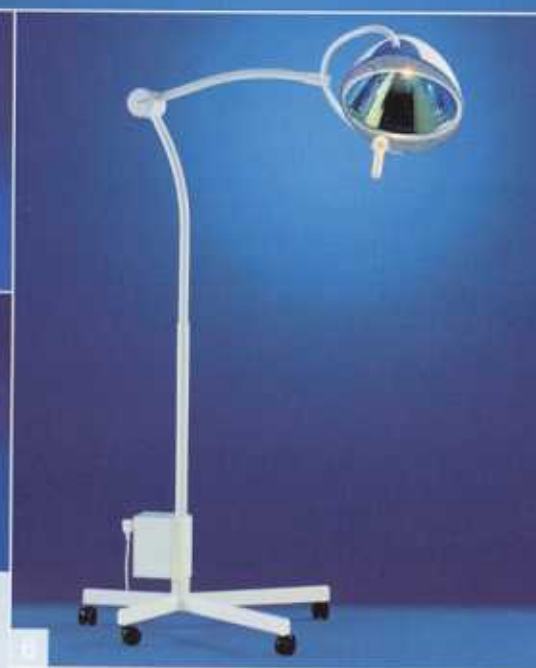
Strong in detail: HANAULUX blue 80 Hospital

- Automatic switchover to integrated emergency power supply
- Up to 3 hours standby in battery mode
- Automatic charging
- Emergency power system
- Integrated alarm system (LED, audible signal)

Combination with HANAUPORT

New paths in surgery demand new solutions for the surgical environment. Our answer: HANAUPORT with ceiling pendant system Alpha 2000 or tandem version.





1. HANAULUX blue 80 Ceiling – 80,000 Lux
2. HANAULUX blue 80 Wall – 80,000 Lux
3. HANAULUX blue 80 / HANAULUX blue 30 – 80,000 / 30,000 Lux
4. HANAUPORT with ceiling pendant system Tandem: Monitor, HANAULUX blue 80 / HANAULUX blue 80
5. HANAUPORT with ceiling pendant system Alpha 2000: device stand, HANAULUX blue 80 / HANAULUX blue 80
6. HANAULUX blue 80 Stand – 80,000 Lux
7. HANAULUX blue 80 Hospital – 80,000 Lux

Technical data HANAULUX blue 80	Stand	Hospital
Illuminance E_c at 1 m distance	80,000 Lux	80,000 Lux
Light field diameter at 1 m distance	17 cm	18 cm
Working distance	70 – 130 cm	70 – 130 cm
Depth of working area with homogenous light field	60 cm	60 cm
Diameter of light exit	35 cm	35 cm
Colour temperature	4,300 Kelvin	4,300 Kelvin
Colour rendering index Ra	93	93
Max. temperature increase in operational field (at 100 klx)	13 °C	13 °C
Temperature increase at surgeon's head	2 °C	2 °C
Luminous efficacy	250 lm/W	250 lm/W
Total irradiance	320 W/m ²	320 W/m ²
Power consumption	max. 150 VA	max. 540 VA
Dimensions of lighthead	500 x 370 x 200 mm	500 x 370 x 200 mm
Weight of lighthead	5.5 kg	5.5 kg

All technical data concerning illumination are based on IEC 60601-2-41.

Practically everywhere – HANAULUX blue 30 S/30

With lots of practical features, the HANAULUX blue 30 S/blue 30 models are ideal for every examination room: as a stand-free, hospital, wall-mounted or ceiling-mounted version.

Strong on detail: HANAULUX blue 30 models

- Illuminance 30,000 Lux
- Integrated On/Off switch, easily accessible on the light stand
- Sterilisable hand-grip
- Compact and convenient
- Stability and precise positioning in every desired position
- Weight balancing system in the rotating joint
- Weight balancing system in the rotating joint
- Smooth surfaces for perfect hygiene

HANAULUX blue 30 S Ceiling

- Fully rotatable around the vertical axis
- Two-step interference filter for increased heat filtering as standard in all blue 30 S-models

Economic: HANAULUX blue 30 Ceiling

- Rotatable by 310° around the central axis
- Stepless height adjustment
- One-step infrared filter

Mobile: HANAULUX blue 30 Stand/Hospital

- Space-saving due to compact transport position
- Vertical stability due to tilt-resistant, asymmetric 5-foot safety stand and double casters with brakes

HANAULUX blue 30 S/30 Stand

- Electronic transformer for voltage stabilisation, the transformer housing also serves to secure the cables

HANAULUX blue 30 S/30 Hospital

- Automatic switchover to integrated emergency power supply
- Up to 2 hours standby in battery mode





1. HANAULUX blue 30 S Hospital – 30,000 Lux
2. HANAULUX blue 30 S Stand – 30,000 Lux
3. Space-saving storage: HANAULUX blue 30 S Stand
4. HANAULUX blue 30 S Stand – the ideal examination light
5. HANAULUX blue 30 Ceiling – 30,000 Lux
6. HANAULUX blue 30 S Wall – 30,000 Lux

Technical data HANAULUX blue 30/30 S

	Stand	Hospital
Illuminance E_c at 1 m distance	30,000 Lux	30,000 Lux
Light field diameter at 1 m distance	17 cm	17 cm
Working distance	70 – 130 cm	70 – 130 cm
Depth of working area with homogenous light field	60 cm	60 cm
Diameter of light exit	20 cm	20 cm
Colour temperature	4,300 Kelvin	4,300 Kelvin
Colour rendering index Ra	93	93
Max. temperature increase in operational field (at 100 klx)	5 °C	5 °C
Temperature increase at surgeon's head	2 °C	2 °C
Luminous efficacy	250 lm/W	250 lm/W
Total irradiance	240 W/m ² (blue 30) 120 W/m ² (blue 30S)	240 W/m ² (blue 30) 120 W/m ² (blue 30S)
Power consumption	65 VA	max. 150 VA
Dimensions of lighthhead	330 x 230 x 122 mm	330 x 230 x 122 mm
Weight of lighthhead	1.8 kg	1.8 kg

All technical data concerning illumination are based on IEC 60601-2-41.





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Surgical Systems

Subject to modifications due to technical development.