

## SPECIFICATION

### COLLIMATOR OPTICA 40-CF002

<b>Application</b>	Stationary X-ray equipment for radiography and fluoroscopy up to 150kV X-ray tube voltage.
<b>Shutters</b>	Multilayer, 4 pairs of shutters in 2 layers.
<b>Mode of operation</b>	Manually or remote control (both motor-driven)
<b>Collimation</b>	Rectangular field Min. 00 x 00 cm Max. 48 x 48 cm at 1m SID
<b>Attenuation equivalent</b> EN-IEC 60601-1-3:2008	1.2 mm Aluminium at 75kV
<b>Additional filters</b>	2 additional motor driven filters, manually selectable or by CAN-bus. Selectable filter combinations: <ul style="list-style-type: none"> <li>• No added filtration</li> <li>• Filter 1 =1 mm Al + 0.1 mm Cu</li> <li>• Filter 2 =1 mm Al + 0.2 mm Cu</li> <li>• Combined: 2 mm Al + 0.3 mm Cu</li> </ul>
<b>Display</b>	Touch screen. Display/input of field size, SID, filters, beam tilting angle etc.
<b>Remote comm. protocol</b>	CAN bus
<b>Bucky center line laser</b> EN-IEC 60825-1	Class 1 laser
<b>Light source</b>	Power LED, white with adjustable illuminance.
<b>Light field timer</b>	Adjustable timer. Factory setting: 20 seconds
<b>Light field illuminance</b> (1m from focus, 35x35cm) EN-IEC 60601-2-54:2009	>230 lx with illuminance set to 100%
<b>Light field contrast</b> (35x35cm at 1m SID) EN-IEC 60601-2-54:2009	>4:1
<b>Leakage radiation</b> (at 1m, 150kVp, 4mA) EN60601-1-3:2008	≤0.5 mGy/hr
<b>Mounting distance</b> (of mounting plane from focus)	80 ± 1 mm
<b>Accessory guides</b>	One pair of rails for 2 accessories, maximum 177mm wide and 2mm thick
<b>Power consumption</b>	24V DC, 35 VA max
<b>Weight</b>	9.0 kg
<b>Operating conditions</b>	Ambient temperature +10°C to +40°C. Atm. pressure 700-1060 hPa. Relative humidity 30% to 95%, non condensing
<b>Compliance</b>	Conforms to the requirements of FDA and the European Medical Device Directive (CE mark Class IIb)

#### Dimensions [mm]

