



Major Surgery Lights

OR 160

The OR 160 represents the latest in technological advances with LED light sources and touchless sensor controls for sterile operation.

The Right Light

PHILIPS
burton

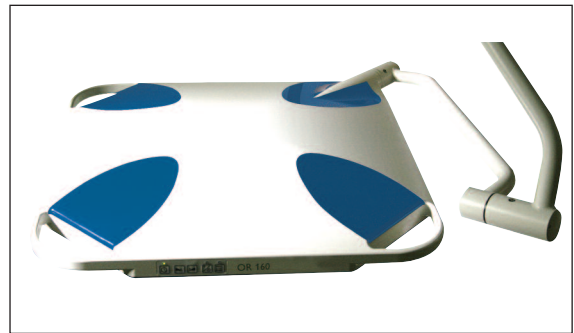
OR 160

The most advanced light for Operating Theatres, incorporating advanced touchless technology for reduced contamination risk, industry-leading heat management and the highest permitted light intensity.

The OR 160 is your choice for reduced risk of contamination, best-in-class light intensity and extreme depth of field required in Major OR applications. Touchless sensor technology removes the need for physical contact, allowing the surgeon to control the light field and all other functions with a wave of the hand. With 192 LEDs, the OR 160 drastically minimizes shadows while delivering over 50,000 hours of bulb life. Minimal IR radiation virtually eliminates heat rise on the patient. Product not available in North America.

Features

- Highest light intensity permitted at 160,000 lux (14,865 fc)
- 5000 K color temperature
- High CRI (Color rendering Index) of 95 for natural white light
- Touchless Sensor Control Technology for best-in-class contamination risk elimination
- Industry-leading heat management (maximum light housing temperature is much lower by design)
- Easy-to-clean, sleek build, designed to avoid interfering with laminar air flow systems
- Depth of field of over 60" (152 cm)
- Excellent shadow control with 192 LEDs
- No IR emissions = no heat under light head
- Green light setting for endoscopic applications



Best-in-class heat management with extremely low maximum light housing temperature.



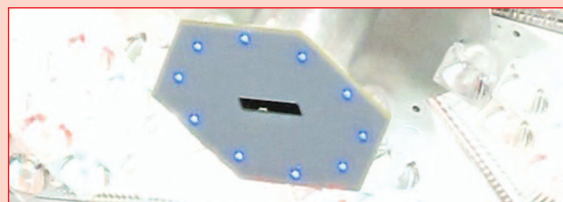
Slim design avoids interference with laminar air flow.

OR 160 Control Options

The OR 160 can be controlled using the Touch Panel or the Touchless Sensor Control.



TOUCH PANEL: The touch panel features On/Off switching, stepped dimming control from 100% to 10% in increments of 10, small to large light field switching and an Endo switch.



TOUCHLESS SENSOR: Moving the hand near the touchless sensor in the center of the light cycles the output thru 3 light levels in the small light field, 3 light levels in the large light field, the Endo light and "Off."



Largest light field of
over 60" (152 cm)

5000 K color temperature
provides white light

Ordering Information

120V Model	230/240V Model	230/240V SP Model*	100V Model	Description
OR160SC	OR160SC03	OR160SC25	OR160SC01	Single Ceiling Mount
OR160DC	OR160DC03	OR160DC25	OR160DC01	Double Ceiling Mount

Note: Not available in North America. *SP Model refers to Spanish Language Manuals.

Summary of technical data

Illuminance:	160,000 lux (14,865 fc) at 1 meter
Color temperature:	5000 K
CRI (Color Rendering Index):	95
Diameter of lighthead:	27.6" x 27.6" (70 cm x 70 cm)
Light field:	9.8" - 15" (25 cm - 38 cm)
Illumination depth:	60" (15.3 cm)
Dimming:	10 - 100%
Light sources:	Light Emitting Diode (LED)
Number of LEDs:	192
Rated life of LEDs:	50,000 hours
Control options:	Touch Panel, Touchless Sensor Technology
Temperature increase near surgeon's head and operating field:	No temperature increase, No IR or UV light
Maximum height of lighthead:	3.9" (10 cm)
Power consumption per lighthead:	Max. 260 Watts
Power supply:	220V - 240V or 110V - 120V
Supply voltage at lighthead:	24V/DC
Frequency:	50 Hz - 60 Hz
Protecting class:	Class 1 (MDD); supporting system- IP 30; light housing- IP 42
Product warranty:	2-year warranty

Note: Not available in North America. The optical data are nominal values based on measurements calculated according to UL/IEC performance standards at 120V



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