
TRIANGO 80 LED
PROCEDURE LIGHT



PRODUCT INFORMATION: TRIANGO 80

TRIANGO 80 C

LED technology has revolutionized the art of equipment design for the medical sector.

TRIANGO 80 brings this innovative technology to the procedure & exam area. With its advanced thermal management system, integrated dimming controls, brilliant light output, and compact housing, TRIANGO 80 meets the stringent requirements of both hospital designers and practitioners.



**Uniform illumination
for work area**

High intensity light
80,000 lux / 1 meter

Glare-free
To combat eye fatigue

Unparalleled color rendering
Color Rendering Index (CRI) > 95

Easy to clean
The removable handle can be sterilized
and the closed construction of the
fixture allows for easy cleaning



Ergonomically-friendly
For ease of use

Precise arm adjustment
Swiss engineering
and LED technology

Greater than 50% energy-saving
Thanks to efficient LEDs & innovative optics

Convenient dimming
Continuously dimmable using rotary knob

No radiation of heat

Maintenance-free
Long LED life adds convenience
and saves on down-time



PRODUCT ADVANTAGES

TRIANGO 80



MOBILITY AND FUNCTION

LED technology gives high performance lighting for procedure areas. TRIANGO 80's intricate design and robust materials also allow for a broad range of movement and easy positioning of the fixture.

AVAILABLE IN MULTIPLE VERSIONS

Ceiling Mount:

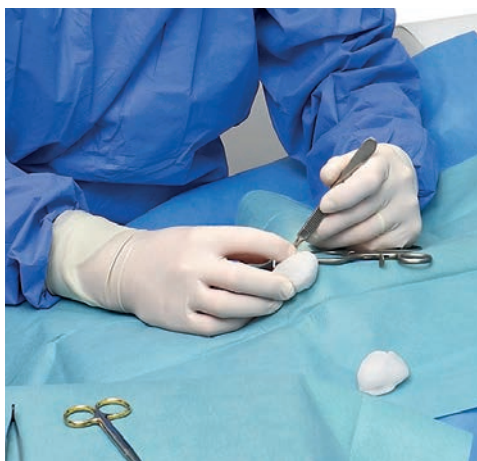
The ceiling mount can be a space saver, especially in rooms where maximum freedom of movement is required. Ceiling mount model is available in single-head version.

Floor Stand:

Taking the TRIANGO 80 mobile with the rolling floor stand offers flexibility for various areas of the room or even sharing among several rooms.

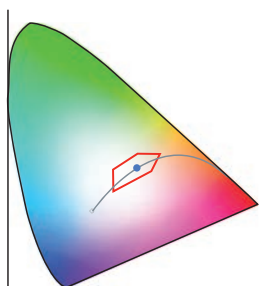
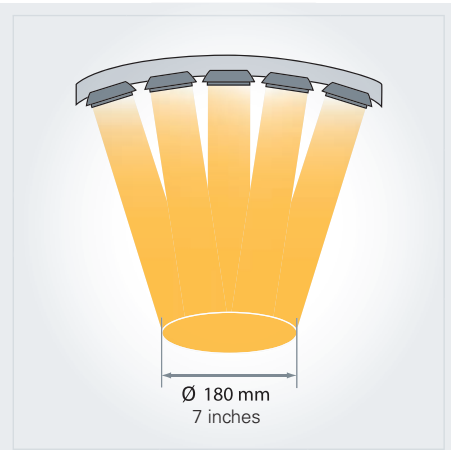
Wall Mount:




The wall mounted version is also available.



EVEN ILLUMINATION OF THE AREA

The unique optic developed by Derungs ensures an optimum light field. The illuminated area meets the highest technical lighting requirements for procedure lights. The reflection-, shadow- and glare-free lighting generates an ideal field of vision specific to this type of close work.

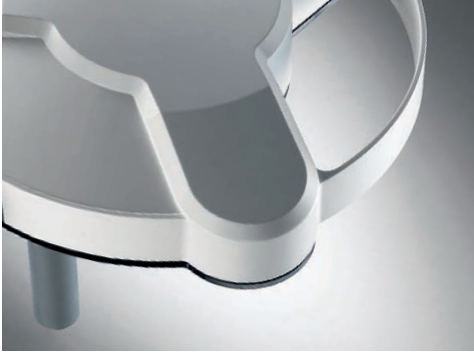


-  Black Body Curve
-  EN 60601-2-41
-  ● ● ● optimal light color temperature

COLOR RENDERING

TRIANGO 80 offers the optimum in color rendering with $R_a > 95$ and $R_9 > 90$. This allows for clear recognition of any variations or irregularities in tissue while performing procedures.





MAINTENANCE-FREE

LED technology allows for long periods of maintenance-free usage. No service for bulb replacement necessary for the life of the fixture.

- Long lamp life of 50,000 hours

CLEANING AND STERILIZATION

Its closed construction and smooth surface allows for quick, thorough cleaning. In addition, any penetration of dust, dirt or liquids is prevented. The removable handle is easy to sterilize.

- Removable and sterilizable handle
- Closed construction protects mechanics



HIGH-QUALITY COMPONENTS

High-quality components guarantee a strong, user-friendly luminaire. Derungs uses only top of the line materials to garner maximum benefits from its product.

Luminaire body:

Polycarbonate & acrylonitrile-butadiene-styrene copolymer (PC & ABS)

Lens Cover:

Polymethyl methacrylate (PMMA)

An ABR-GL protective coating makes the lens cover scratch proof.

IMPROVED ENERGY EFFICIENCY

Notable energy savings is gained thanks to the most up-to-date LED technology: high illumination using only 30 watts of power.

If lower light levels are necessary, power consumption will be even less.



ILLUMINATION / LIGHT INTENSITY REGULATION

Easy operation: One control switches the light on/off and dims with five light levels, providing the practitioner with the quick, convenient control necessary when many different procedures are being done during the course of the day.

GLARE-FREE

The light beam is focused and glare-free whatever the angle of sight. This avoids bothersome reflections on the surface.

- Continuous dimming
- 80,000 lux/39.5 in (1m)
- Illuminated area 7 in (180mm)
- CRI > 95
- Glare-, shadow- and reflection-free



NO RADIATION OF HEAT

An ideal working environment for a physician during a procedure includes clear, glare-free light with almost no infrared or UV radiation. Not only does this add to the comfort of the physician, staff and patient, but also prevents tissue from drying out or being affected by the heat, a genuine concern to the provider.

GOOD WORKING CONDITIONS

Out of necessity, any procedure light is often positioned in close proximity to patient and staff. Optics are used to create an environment free of shadows, reflections and glare.

Modern LEDs and innovative design and technology make TRIANGO one of the most effective tools used in this arena.

ORDERING INFORMATION

Ceiling Mount

Part No	Mounting Type
D16138000	Single Ceiling

Ceiling Mount



Wall Mount

Part No	Mounting Type
D16139000	Wall

Wall Mount



Floor Stand

Part No	Mounting Type
D16135000	Floor Stand

Floor Stand



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