

## Ergomat Portable LED Kneeling Mat

Bring detailed task lighting directly to work level with Ergomat's LED Kneeling Pad. This 18"x24" (45 x 60cm) pad conveniently improves lighting for any floor level or overhead assembly, maintenance or repair task while also providing a comfortable surface for kneeling or standing while working. Two strips of bright white LED are built into the mat to illuminate work from the ground up. Specify the mat to be supplied with lighting oriented straight up at 120° to facilitate overhead tasks, or directed at a 45° angle for working laterally at floor level. Power for the LED is supplied by a self-contained, re-chargeable battery which can be managed to last a full 8-hour shift. Comes in the [Infinity Deluxe](#) Profile.

LED KNEELING MAT



### Profile

Infinity Deluxe

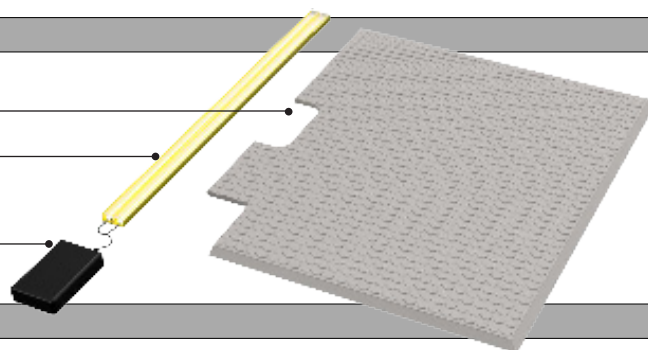


Thickness .62" (1.5cm)

Built In Handle

LED Strip

Battery Pack



### BENEFITS

**ERGONOMIC** : Designed to stimulate circulation in feet, legs and lower back. Circulation is stimulated by the unique, patented surface profile of Ergomat mats, which forces muscular response.

**BEVELED EDGES** : Molded w/ bevels. Bevels will never curl up, eliminating trip hazards.

**ISO CLEANROOM CERTIFIED** : Infinity mats are ISO Cleanroom Class 5 (Class 100) rated.

**AVAILABLE SIZE**: 18"x24" (45cm x 60cm)

**SILICON FREE**: All Ergomat mats are silicon & latex free.

# ERGOMAT PORTABLE LED KNEELING MAT

Material-----	Foamed Polyurethane
Color -----	White, Black, Stainless , Silver
Weight -----	2775 g +/- 50 g // 6.1 lbs +/- 0.1 lbs
Length-----	24" (60cm)
Width -----	18" (45cm)
Thickness -----	1.5 cm // 0.62"
Density -----	400 kg/m <sup>3</sup> +/- 10 % ISO 2781
Hardness -----	33-38 Sh A
Surface Durability -----	30 m DIN 4649 test equipment with 2,5N load
Electrical Resistance Surface point to point % 50 RH -----	3x10 <sup>9</sup> Ω-5x10 <sup>9</sup> Ω IEC-61340 4-1/ ESD STM7.1-2001
Fire Behavior -----	Cfl-s1(B) EN 13501-1(DIN 4102-B1 Part 14)
Thermal Properties	
Minimum use -----	0°C // 32°F
Maximum use-----	32°C // 90°F
Maximum short duration -----	40°C // 115°F
Cleanroom Application-----	ISO Class 5 (100) EN ISO 14644-1

## LED Specifications

	North American Specification	European Specification
Color -----	Pure White	Cold White
Wavelength / CCT (TYPICAL) -----	6500 K	7000 K
Lumens -----	310 Ft	1500 M
Energy Usage (watts/ft.) -----	3	12,48 W/ meters
Beam Angle -----	120° or 45°	120° or 45°
Operating Temp. -----	-40° to 60° C	-30° to 60° C
Power Supply -----	12V DC	12V DC
Protection Grade -----	IP67	IP68

## Battery Specifications

	North American Specification	European Specification
Size (mm) -----	28 x 85 x 145	28 x 85 x 145
Weight (g) -----	350	280
12V Capacity (mAH) -----	6000	6000
Input -----	12.6V 3A max.	12.6V 3A max.
Output -----	12 V 3A max.	12 V 3A max.
Charger Spec. -----	12.6 V 1A	12.6 V 1A
Charge Time -----	~ 6 hr	~ 6 hr
Operate Temperature -----	-4 ~ 140° F (-20 ~ 60°C)	-20 ~ 75° C

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