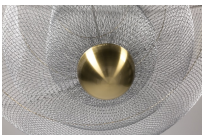# moooi

Meshmatics

RICK TEGELAAR

Whoever sets eyes on the Meshmatics Chandelier will never guess what hides behind its sophisticated appearance. Rick Tegelaar elevated the nature of humble wire netting by developing a machine and a set of tools to model it with accuracy. The full potential of this thin and flexible material is stretched and captured within three layers of beauty.

Detailing

Due to its transparent material, the Meshmatics chandelier emits an elegant radiant, soft glow and does not create a visual block.
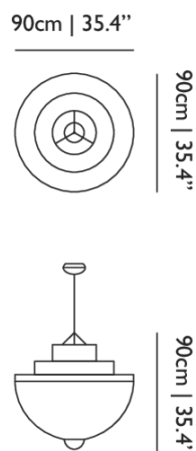

Colours

Steel

Meshmatics / Large

Dimensions

90cm | 35.4"

90cm | 35.4"

90cm | 35.4"

Product

WIDTH 90cm | 35.4"

HEIGHT 90cm | 35.4"

DEPTH 90cm | 35.4"

DIAMETER 90cm | 35.4"

WEIGHT NETTO 8.5kg | 18.74lbs

Packaging

WIDTH 94cm | 37"

HEIGHT 101cm | 39.8"

CUBAGE $0.88m^3$ | $31.18ft^3$

LENGTH 93cm | 36.6"

WEIGHT 10kg | 22.05lbs

Technical CE / UL

MATERIAL
Galvanised steel, brass

ENERGY LABEL
B

LIGHTSOURCE TYPE
LED

LIGHTSOURCE INCLUDED
Yes

NUMBER OF LIGHTSOURCES
1

SHAPE
Round

INPUT VOLTAGE
120-250V

FREQUENCY
50/60

MAX POWER CONSUMPTION
12W

LAMPHOLDER
LED (Solid state)

LIFETIME
50000 hours

CABLE COLOUR
Transparent with tinned cores

CABLE LENGTH
250cm | 98.4"

CANOPY
Pebble III Steel Coated, ABS

COLOUR TEMPERATURE
2700 K (max)

CRI
84

LIGHT DIRECTION
All directions

LIGHT OUTPUT
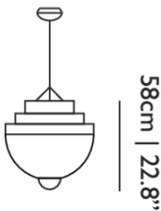388 lm

DIMMING & LIGHTING CONTROL
Wireless Wall Switch (dimmer), DALI dt6, Smart Home Integration (Zigbee), 0-10V, Mains / ELV dimming is not possible, Smart Home Integration (Matter)

See last page for more information about the dimming possibilities.

Meshmatics / Small

Dimensions

58cm | 22.8"

58cm | 22.8"

Product

WIDTH 58cm | 22.8"

HEIGHT 58cm | 22.8"

DEPTH 58cm | 22.8"

DIAMETER 58cm | 22.8"

WEIGHT NETTO 4kg | 8.82lbs

Packaging

WIDTH 72.4cm | 28.5"

HEIGHT 80cm | 31.5"

CUBAGE 0.42m³ | 14.81ft³

LENGTH 72.4cm | 28.5"

WEIGHT 5kg | 11.02lbs

Technical CE / UL

MATERIAL
Galvanised steel, brass

ENERGY LABEL
B

LIGHTSOURCE INCLUDED
Yes

SHAPE
Round

FREQUENCY
50/60

LAMPHOLDER
LED (Solid state)

CABLE COLOUR
Transparent with tinned cores

CANOPY
Pebble III Steel Coated, ABS

CRI
84

LIGHT OUTPUT
388 lm

LIGHTSOURCE TYPE
LED

NUMBER OF LIGHTSOURCES
1

INPUT VOLTAGE
120-250V

MAX POWER CONSUMPTION
12W

LIFETIME
50000 hours

CABLE LENGTH
250cm | 98.4"

COLOUR TEMPERATURE
2700 K (max)

LIGHT DIRECTION
All directions

DIMMING & LIGHTING CONTROL

Wireless Wall Switch (dimmer), DALI dt6, Smart Home Integration (Zigbee), 0-10V, Mains / ELV dimming is not possible, Smart Home Integration (Matter)

See last page for more information about the dimming possibilities.

CE c(UL)us LISTED

Dimming & Lighting Control

Wireless Wall Switch (dimmer)

With our Wireless Wall Switch, you'll have full control over your Moooi lighting design with one touch. Our Wireless Wall Switch comprises two components, a wall switch and radio device to put in the canopy of your Moooi lighting design. The Wall Switch can also be integrated in existing System 55 (i.e. Gira and Jung) or Decora style wall switches. Once the radio device is installed you will also have the possibility to control your light fixture with the Casambi App available in the Google Play and Apple app store. Within moments you can enjoy full and fluent dimming, all the way to dark.

Compatible models: Large CE, Large UL, Small CE, Small UL

DALI dt6

The luminaire is dimmable by integrating it into a DALI network. This is an universal and professional standard in home automation systems with endless control possibilities and ease. We advise to hire a professional to integrate the luminaire into your DALI network.

Compatible models: Large CE, Large UL, Small CE, Small UL

Smart Home Integration (Zigbee)

By adding a Zigbee converter this light fixture can seamlessly integrate into a Zigbee 3.0-based smart home network, such as Philips Hue, Amazon Alexa, Google Home, Ikea Tradfri and Homey. This integration allows for wireless control and compatibility with other smart home systems, without the need to change your home's wiring. To enable this, simply add a Zigbee converter to your luminaire. We recommend the Sunricher Zigbee to Dali Converter for its reliability and compatibility with the US 110 voltage or the Osram 4062172044776 Zigbee 3.0 DALI Converter LI for 210-220V Please note that this converter is sold by third-party vendors and not directly by Moooi and this should be installed by a professional electrician.

Compatible models: Large CE, Large UL, Small CE, Small UL

0-10V

The luminaire is dimmable by using an either internally mounted or externally placed 0-10V dimmer switch. 0-10V is a dimming system widely used in some parts of the world, for example in North-America. This method will need its own wiring. Dimming quality is perfect, without flicker, the range can be limited and the luminaire can be dimmed to off. Please note that this is only possible using a 0-10V compatible driver. Contact us for more information.

Compatible models: Large CE, Large UL, Small CE, Small UL

Mains / ELV dimming is not possible

Mains and/or ELV dimming is not possible. The wireless wall switch is advised for dimming in this case.

Compatible models: Large CE, Large UL, Small CE, Small UL

Smart Home Integration (Matter)

Using the Matter Dali Bridge / Converter this Light can seamlessly integrate in your Matter Smart Home system like Apple Home, Google Home, Home Assistant, Amazon Alexa, Samsung SmartThings and Homey. We recommend the M2D Bridge Converter for its reliability and compatibility. Please note that this converter is sold by third-party vendors and not directly by Moooi and this should be installed by a professional electrician.

Compatible models: Large CE, Large UL, Small CE, Small UL