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2016

Life Just Looks Right With VIRIBRIGHT™

VIRIBRIGHT

VIRIBRIGHT

About **MATRIX**

Matrix Lighting is a subsidiary of Matrix Holdings Limited (1005.HK), a public traded company on the Hong Kong Stock Exchange.

Matrix Lighting concentrates its business on the development of diversified LED lighting solutions, functioning as a vertically integrated company which designs, engineers, and manufactures finished LED integral lamps from the ground up.

About **VIRIBRIGHT**

VIRIBRIGHT has become an industry recognized brand. Its NEW series “90+90” have hit new heights in LED bulb performance achieving 90+CRI @ 90+Lm/W and with R9 values up to 85.

The benefits of this High CRI and efficiency are quality of the light experience for the customer while maintaining maximum energy savings and efficiency.

Our new patent pending and proprietary remote phosphor technology is engineered to offer high CRI, highest efficiency, and best value. Leadership as defined by innovation and value gives VIRIBRIGHT the distinction of being a leader in both technology and cost innovation.

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VIRIBRIGHT



Vertical Integration

We make as much as we can in house to have control over cost, quality, and sustainability. We produce everything except for the LED package and common electronic components.

Plastic Injection

Aluminum Die Casting

LED Packaging

IC Development

Driver Manufacturing

Assembly

Testing

QA/QC



Our mission

To bring the highest quality of light in the most efficient way with the greatest value to the consumer.

- Highest Quality of Light
- Highest Efficiency
- Value

Our Technology

VIRIBRIGHT Bulbs just got a boost in CRI and in efficiency with the latest developments in ViriTrue™ White technology.

VIRIBRIGHT will be stocking and shipping the 90+CRI at 90 Lumens per watt (Lpw) efficiency series of A Lamps and Candle bulbs as well as 90+CRI at 80 Lumens per watt (Lpw) PAR, Spotlight, Down Light inserts. Through the invention of our new color conversion LED technology, that is patent pending, VIRIBRIGHT has been able to deploy that technology across an entire product range. This new technology not only increases the CRI to those of the Sun and Fire, but also has increased the efficiency of energy to light conversion exponentially. The new “90+90” series embodies this latest technological breakthrough by VIRIBRIGHT.

HOW CRI and Color Works

Color isn't as simple as some may assume, in reality its quite complex!

Under different light sources colors appear to change due to light bulbs not emitting light equivalent to the sun. The Color Rendering Index (CRI) is a way to show a light bulb's ability to show color in objects. Light bulbs that score a CRI rating between 90 to 100 best embody sunlight natural color transmissions.

Lights also have different color temperatures that are expressed in degrees Kelvin (K). Lights that have color temperatures of 5000-6000K or more are similar to sunlight. Natural white bulbs have color temperatures of 4000K to just over 4000K. Lights that are considered "warm" light have low color temperatures around 2700-3000 K. Warmer temperatures create tones that are yellow and red, while higher color temperatures show tones that are blue. Look for lights that have a high color rendering index, or CRI. The higher the CRI, the better the light will render colors and allow you to closely match your makeup to your skin tone. (An 80-plus CRI is considered to be very good.)

Highest Quality of Light

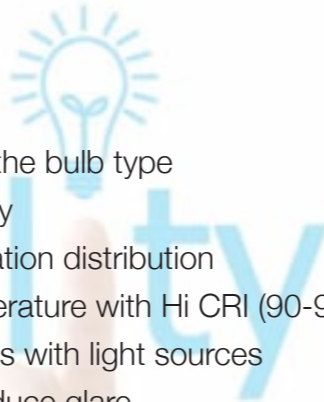
We have held steadfast to producing the highest quality of light throughout our product history. What does lighting quality mean? There is no complete answer to the question. Lighting quality depends on many factors. It depends largely on people's expectations and past experiences of electric lighting.

Attribute

- Visual Comfort
- Illuminance (Brightness)
- Uniformity
- Light Distribution
- Light Color Characteristics
- Glare
- How it makes our environment look
- How light enhances our mood

VIRIBRIGHT's Bulbs

- Appear comfortable to view
- Achieve lumen's standards for the bulb type
- Have a high degree of uniformity
- Produce proper general illumination distribution
- Come in consistent color temperature with Hi CRI (90-97Ra)
- Are designed with frosted lenses with light sources deeper in the lamp cavity to reduce glare
- Boosts natural colors to near sunlight's color response
- By making the environment lit well and enhancing the colors of life elevates moods.



Highest Efficiency

With our proprietary technology, we have cracked the code on the technology barrier that others suffer from. We can produce the same amount of lumens or more while consuming less or equal to energy. (LPW) Lumens Per Watt Efficiency.

With Viribright the cost of higher CRI does not come at the consumers expense of additional energy costs.



Your consumers can save more money on energy costs without sacrificing light quality.

Compliance and Standards

Viribright LED Bulbs are engineered and manufactured, to meet or exceed industry safety and performance standards.



LED Bulbs

6.5W

• 590 - 600 lm

9W

• 810 lm

CRI **90** + **90** Lm/W



New!

Specifications:

Color T. 2700K / 4000K / 6000K

Voltage 100 - 285V AC (For 60 Hz operating voltage countries)

100 - 240V AC (For 50 Hz operating voltage countries)

Base:



CRI **90** + **90** Lm/W

8W

• 650 - 720 lm

9W

• 810 lm



Specifications:

Color T. 2700K / 4000K / 6000K

Voltage 110 - 120V AC / 220 - 240V AC

Base:





Candle Bulbs

3.2W
• 290 lm

CRI 90 + 90 Lm/W



Specifications:

Color T. 2700K / 4000K / 6000K

Voltage 100 - 285V AC (For 60 Hz operating voltage countries)
100 - 240V AC (For 50 Hz operating voltage countries)

Base:



Globes

2W
• 180 lm

CRI 90



Specifications:

Color T. 2700K / 4000K / 6000K

Voltage 100 - 285V AC (For 60 Hz operating voltage countries)
100 - 240V AC (For 50 Hz operating voltage countries)

Base:



Spotlights

4.2W
• 310 lm



Specifications:

Color T. 2700K / 4000K / 6000K

Voltage 100 - 285V AC (For 60 Hz operating voltage countries)
100 - 240V AC (For 50 Hz operating voltage countries)
12V AC/DC

Base:



PLC

8.5W
• 640 lm

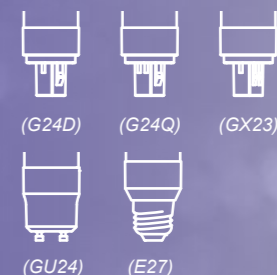


Specifications:

Color T. 2700K / 4000K / 6000K

Voltage 100 - 285V AC (For 60 Hz operating voltage countries)
100 - 240V AC (For 50 Hz operating voltage countries)

Base:



PARs

4.2W
• 310 lm

9.5W
• 750 lm

15W
• 1100 lm



Specifications:

PAR 38 Available in IP20/IP55

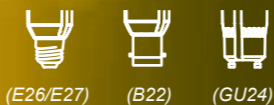
Color T. 2700K / 4000K / 6000K

Voltage 100 - 285V AC (For 60 Hz operating voltage countries)

100 - 240V AC (For 50 Hz operating voltage countries)

12V AC/DC

Base:



BRs

9.5W
• 650 - 760 lm



15W
• 1100 - 1200 lm



Specifications:

Color T. 2700K / 4000K / 6000K

Voltage 100 - 285V AC (For 60 Hz operating voltage countries)

100 - 240V AC (For 50 Hz operating voltage countries)

Base:





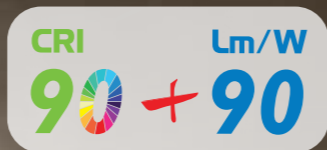
T8 Tubes

- 0.6M/2' [10W] : 900 lm
- 1.2M/4' [20W] : 1800 lm
- 1.5M/5' [25W] : 2300 lm



Specifications:

- Base** G13
- Color T.** 2700K / 4000K / 6000K
- Voltage** 100 - 285V AC (For 60 Hz operating voltage countries)
100 - 240V AC (For 50 Hz operating voltage countries)



Features:

- Constant illumination
- Ultra bright
- Single side powered
- Adjustable multi-angle design

All Weather T8 Tube

All New!

- 0.6M/2' [10W] : 900 lm
- 1.2M/4' [20W] : 1800 lm
- 1.5M/5' [25W] : 2300 lm



(Ingress Protection: IP66)

30CM T8 Tube

- 0.3M [9W] : 810 - 820 lm

Specifications:

- Base** AC Terminal
- Color T.** 2700K / 4000K / 6000K
- Voltage** 100 - 285V AC (For 60 Hz operating voltage countries)
100 - 240V AC (For 50 Hz operating voltage countries)





Downlights



8.5W (3")

• 450 lm

9.5W (4")

• 550 lm

13W (6")

• 850 - 900 lm



Specifications:

Base

AC Terminal

Color T.

2700K / 4000K / 6000K

Voltage

100 - 285V AC (For 60 Hz operating voltage countries)

100 - 240V AC (For 50 Hz operating voltage countries)



Street Lamps



120W

• 10000 lm



(Ingress Protection: IP65)

Specifications:

Base

AC Terminal

Color T.

2700K / 4000K / 6000K

Voltage

100 - 285V AC (For 60 Hz operating voltage countries)

100 - 240V AC (For 50 Hz operating voltage countries)

Features:

- Low Power Consumption
- Long Lifespan
- Auto-Dimmable (Optional)
- Instant On and Off
- Rohs Compliance
- No Hazardous Material





Ceiling Lamps



13" (16W)

• 1200 lm

10.5" (13W)

• 1000 lm



Specifications:

- Base** AC Terminal
- Color T.** 2700K / 4000K / 6000K
- Voltage** 100 - 285V AC (For 60 Hz operating voltage countries)
100 - 240V AC (For 50 Hz operating voltage countries)



Dimmers



United States United States / Australia United Kingdom Europe

Specifications:

- Switch Type** Rotary Knob / Slide
- Color** White / Ivory
- Max. Loading** 200VA (EUR, UK, AUS) / 300VA (US)
- Voltage** 220 - 240V AC, 1A / 100 - 120V AC, 3A



Nightlight



Specifications:

Color T. 2700K / 6000K

Voltage 110 - 120V AC

Features:

- Auto On When Dark
- Soft White
- Super Long Life
- Cool To The Touch – Safe
- Uses < 1W of Electricity



Yahoo Office (Hong Kong)



McDonald's (Portugal)



Hydro Majestic Hotel (Australia)



Industrial Association - AIP (Portugal)



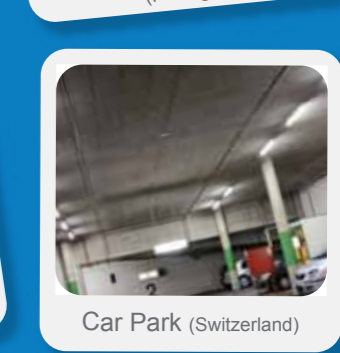
Sheraton Hotel (China)



Munich Catholic Church (Germany)



Hotel Eclipse (Poland)



Car Park (Switzerland)



Carrefour Express (Poland)



Hospital Showroom (Turkey)



Popeyes (US)



MTR - Headquarters (Hong Kong)