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# VIRIBRIGHT



2014

**MATRIX**  
LIGHTING

## About MATRIX

Matrix Lighting Ltd. is a subsidiary of Matrix Holdings Limited HKEX1005, a public traded company on the Hong Kong Stock Exchange. Matrix Lighting Ltd. concentrates its business on the development of LED lighting and manufacturing.

Matrix Lighting Ltd. is a vertically integrated company which designs, engineers, and manufactures the finished LED integral lamps from the copper wire lead frame, to the multi-chip chip on board modules to the driver, injection molded thermal plastic housing, die-cast aluminum heat sink, isolated phosphor suspension, and drivers. The 33+ years of mass production of plastics and aluminum castings shines through with every design.

## About VIRIBRIGHT

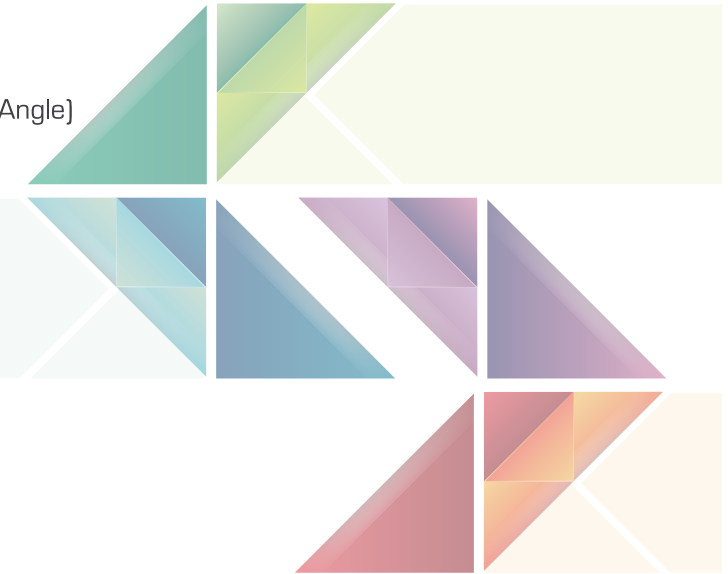
VIRIBRIGHT is an unique brand of Matrix Lighting Limited which offers the mercury free, energy-efficient, crisp and beautiful lighting you would expect from our patented light bulb technology. VIRIBRIGHT offers a full range of LED products which can suit the various applications in the domestic, commercial and industrial sectors.



Leading LED Light To Life !

## Contents:

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# LED Bulbs



**8W**  
• 600 - 650 lm

**10W**  
• 800 - 850 lm

## LED BULBS (8W/10W)

Dimensions:

Base	Dia(Ø) x H
E26/E27	60 x 112 mm
B22	60 x 112 mm
GU24	60 x 112 mm



(E26/E27)



(B22)



(GU24)

Specifications:

<b>Base</b>	E26 / E27 / B22 / GU24
<b>Color T.</b>	2800K / 4000K / 6000K
<b>Voltage</b>	100 - 120V AC / 220 - 240V AC



Conforms to DIM2 regulation / Pending UL





# PLC Lamps

## - Rotary Base

**8.5W**  
• 650 - 700 lm

# PLC LAMPS - Rotary Base (8.5W)

Dimensions:

Base	Dia(ø) x H
G24D	42 x 151 mm
GX23	42 x 151 mm
GU24	42 x 157 mm
E27	42 x 157 mm



Specifications:

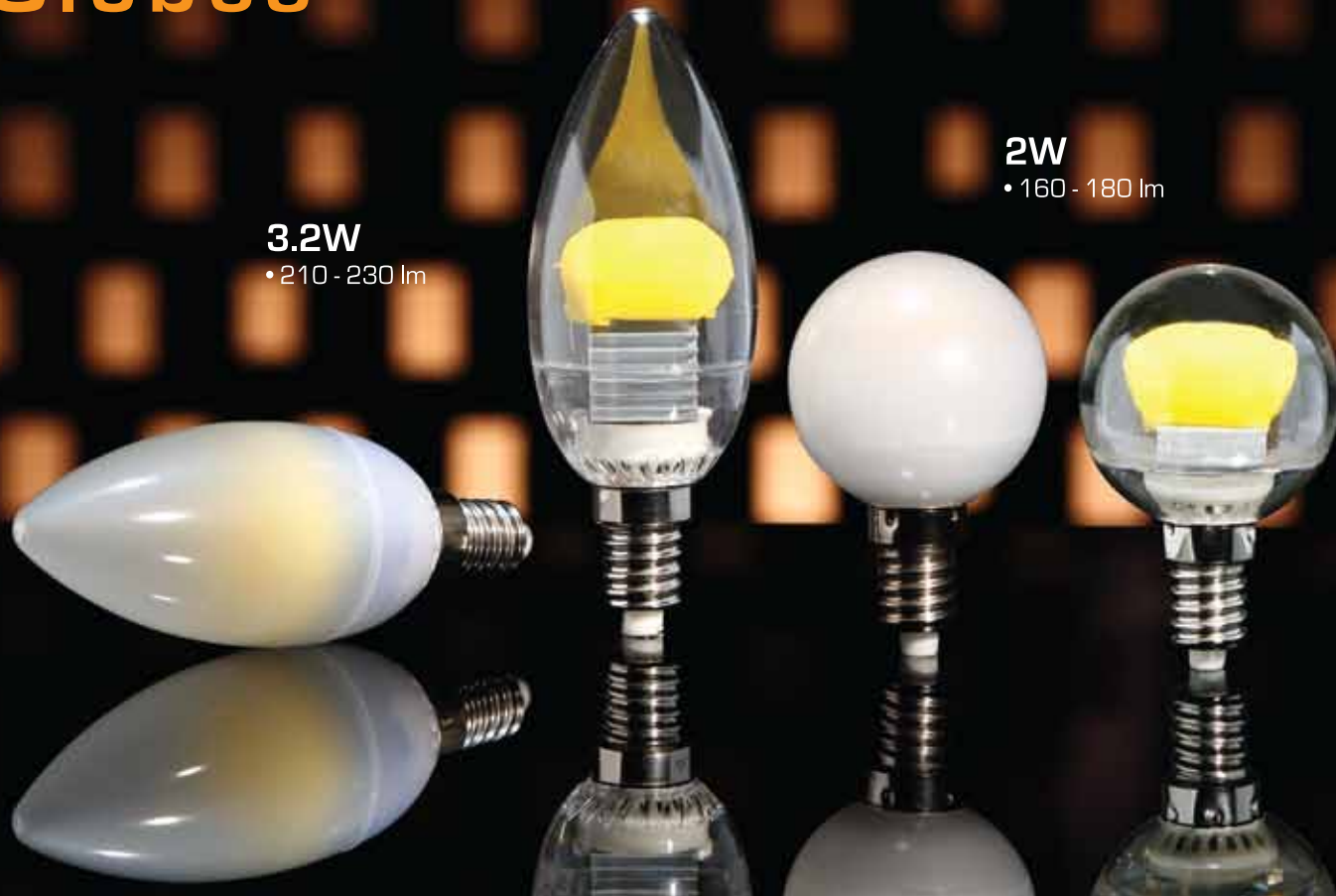
<b>Base</b>	G24D / GX23 / GU24 / E27
<b>Color T.</b>	2800K / 4000K / 6000K
<b>Voltage</b>	100 - 285V AC



# Candle Lamps Globes

**3.2W**  
• 210 - 230 lm

**2W**  
• 160 - 180 lm



## CANDLE LAMPS (3.2W)

Dimensions:

Base	Dia(ø) x H
E14	39 x 109 mm
E12	39 x 101 mm
E26/E27	39 x 109 mm



(E14)



(E12)



(E26/E27)

## GLOBES (2W)

Dimensions:

Base	Dia(ø) x H
E14	45 x 70 mm
E12	45 x 60 mm
E26/E27	45 x 70 mm



(E14)



(E12)



(E26/E27)

Specifications:

**Base** E14 / E12 / E26 / E27

**Color T.** 2400K / 4000K / 6000K

**Voltage** 100 - 120V AC / 220 - 240V AC



DEKRA



Conforms to DIM2 regulation / Pending UL



# Spotlights

4W

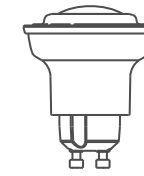
• 210 - 230 lm



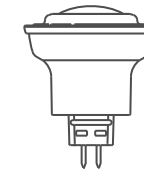
## SPOTLIGHTS (4W)

Dimensions:

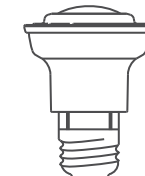
Base	Dia(ø) x H
GU10	50 x 61 mm
MR16	50 x 59 mm
E26/E27	50 x 75 mm
E14	50 x 79 mm
B22	50 x 69 mm



(GU10)



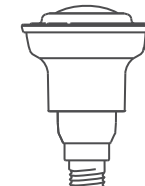
(MR16)\*



(E26/E27)



(B22)



(E14)

Specifications:

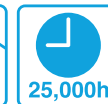
**Base** GU10 / MR16 / E26 / E27 / E14 / B22

**Color T.** 2800K / 4000K / 6000K

**Voltage** 100 - 120V AC / 220 - 240V AC / 12V AC/DC



Conforms to DIM2 regulation / Pending UL



\* Except MR16 which is non-dimmable





# T8 LED Tubes - Multi-Angle



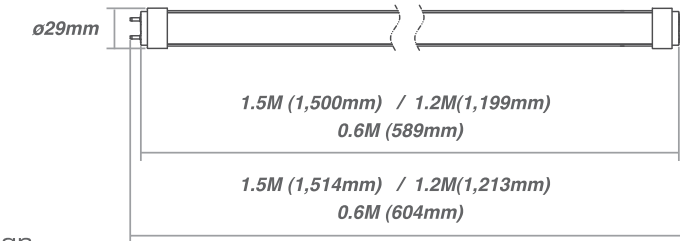
0.6M/2': 750 lm  
 1.2M/4': 1500 lm  
 1.5M/5': 1800 lm

# T8 LED TUBES - MULTI-ANGLE

0.6M/2' (12W)  
 1.2M/4' (22W)  
 1.5M/5' (25W)

## Features:

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



## Specifications:

**Color T.** 2800K / 4000K / 6000K

**Voltage** 100 - 120V AC / 220 - 240V AC



Conforms to DIM2 regulation / Pending UL



# PARs

## PAR30

- 8.5 W
- 650 - 700 lm

## PAR38

- 18W
- 1300 - 1400 lm



## PAR16

- 4.5 W
- 210 - 230 lm

# PARs (4.5W / 8.5W / 18W)

## Dimensions:

(PAR38)

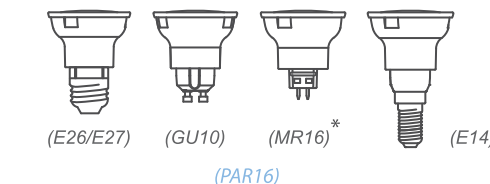
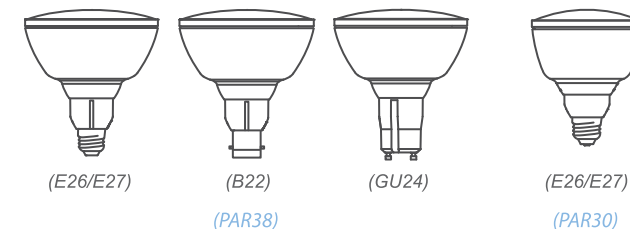
Base	Dia(Ø) x H
E26/E27	120 x 136 mm
B22	120 x 136 mm
GU24	120 x 136 mm

(PAR30)

Base	Dia(Ø) x H
E26/E27	95 x 127 mm

(PAR16)

Base	Dia(Ø) x H
E26/E27	50 x 69 mm
GU10	50 x 54 mm
MR16	50 x 52 mm
E14	50 x 73 mm

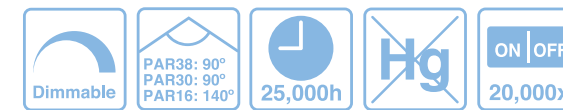


## Specifications:

<b>Base</b>	E26 / E27 / E14 / B22 / GU24 / GU10 / MR16
<b>Color T.</b>	2800K / 4000K / 6000K
<b>Voltage</b>	100 - 120V AC / 220 - 240V AC / 12V AC/DC
<b>PAR38</b>	Available in IP20/IP55



Conforms to DIM2 regulation / Pending UL



\* Except PAR38-IP55 and PAR16-MR16 which are non-dimmable





# BRs

## BR40

- 18W
- 1300 - 1400 lm



## BR30

- 10W
- 650 - 700 lm

# BRs (10W / 18W)

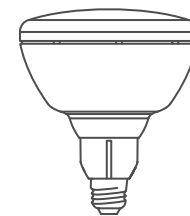
## Dimensions:

(BR40)

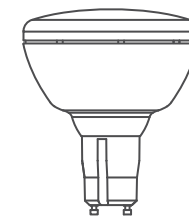
Base	Dia(ø) x H
E26/E27	120 x 142 mm
GU24	120 x 142 mm
B22	120 x 142 mm

(BR30)

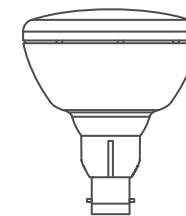
Base	Dia(ø) x H
E26/E27	95 x 128 mm



(E26/E27)



(GU24)



(B22)



(E26/E27)

(BR30)

## Specifications:

Base	E26 / E27 / GU24 / B22
Color T.	2800K / 4000K / 6000K
Voltage	100 - 120V AC / 220 - 240V AC



Conforms to DIM2 regulation



# Downlights

**8.5W (4")**  
• 650 - 700 lm



**8.5W (3")**  
• 650 - 700 lm



# DOWNLIGHTS (8.5W)

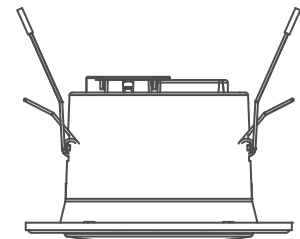
## Dimensions:

(3" Downlights)

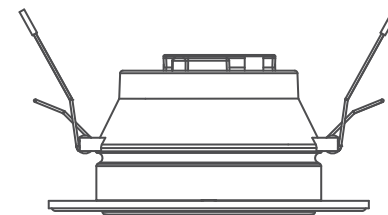
<b>Base</b>	<b>Dia(Ø) x H</b>
AC Terminal	100 x 63 mm

(4" Downlights)

<b>Base</b>	<b>Dia(Ø) x H</b>
AC Terminal	120 x 63 mm



3" Downlights



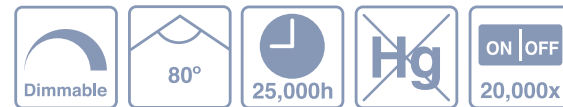
4" Downlights

## Specifications:

<b>Base</b>	AC Terminal
<b>Color T.</b>	2800K / 4000K / 6000K
<b>Voltage</b>	100 - 120V AC / 220 - 240V AC



Conforms to DIM2 regulation / Pending UL



# Panel Lights

**16W** (30 x 30cm panel)  
• 1300 - 1400 lm

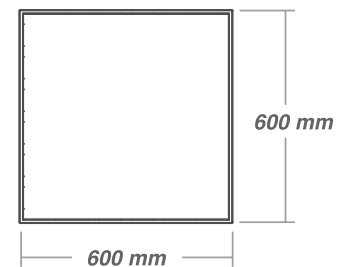


**40W** (60 x 60cm panel)  
• 3200 - 3800 lm

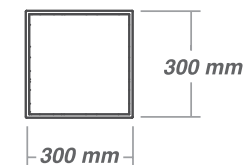


# PANEL LIGHTS (16W / 40W)

**40W**



**16W**



## Specifications:

- Base** AC Terminal
- Color T.** 2800K / 4000K / 6000K
- Voltage** 100 - 120V AC / 220 - 240V AC



Conforms to DIM2 regulation / Pending UL





# Ceiling Lamps

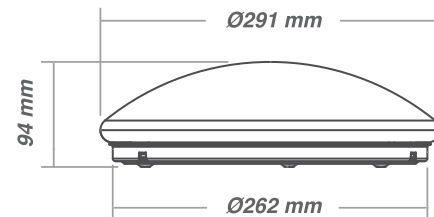
**16W (10.5")**  
• 1300 - 1400 lm



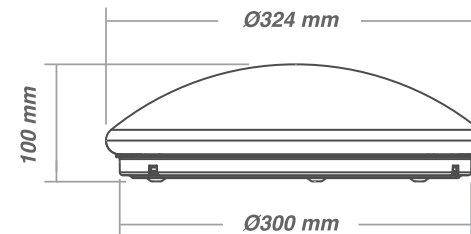
**24W (13")**  
• 1800 - 2000 lm



## CEILING LAMPS (16W / 24W)



16W (10.5")



24W (13")

### Specifications:

- Base** AC Terminal
- Color T.** 2800K / 4000K / 6000K
- Voltage** 100 - 120V AC / 220 - 240V AC



Conforms to DIM2 regulation / Pending UL



# Dimmers

United States



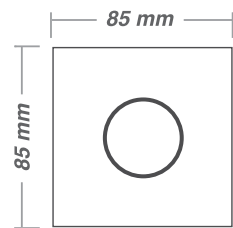
United States /  
Australia



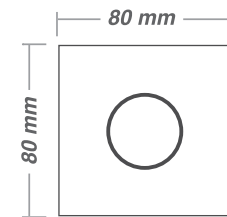
Europe



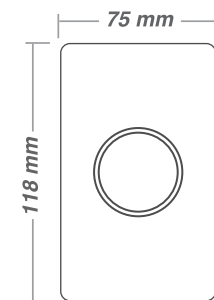
## DIMMERS - Single Pole/2Way



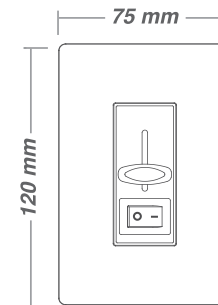
(United Kingdom)



(Europe)



(United States / Australia)



(United States)

### Specifications:

Switch Type	Rotary Knob / Slide
Color	White / Ivory
Max. Loading	140W / 200W
Voltage	100 - 120V AC, 1A / 220 - 240V AC, 1A
Load Type	Incandescent / Halogen / LED Bulbs



# Street Lamps

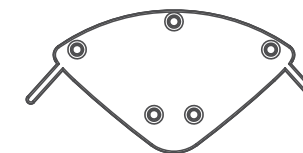


**125W**  
• 10000 lm

# STREET LAMPS (125W)

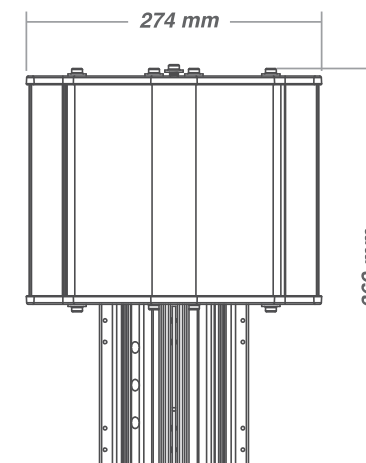
Specifications:

- Base** AC Terminal
- Color T.** 6000K
- Voltage** 100 - 120V AC / 220 - 240V AC



## Features:

- Low Power Consumption
- Long Lifespan
- Auto-Dimmable (Optional)
- Compact in Size
- Instant On and Off
- Rohs Compliance
- No Hazardous Material
- Less Attractive to Nocturnal Insect
- High Lumen Output Even At Low Temperatures



Pending CE / UL





# Nightlights



## NIGHTLIGHTS (1W)

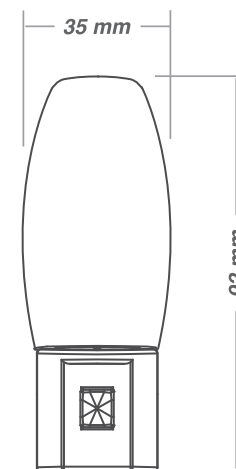
### Specifications:

**Color T.** 2800K / 6000K

**Voltage** 100 - 120V AC / 220 - 240V AC

### Features:

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



Pending UL



## Our Colors

All Viribright products come standard in three color temperatures, which are of the most popular. We stock all three color temperatures because we know consumers appreciate the ability to decide what color of white they want to use to best represent their light comfort level or their application.



2800K



4000K



6000K



(EU)

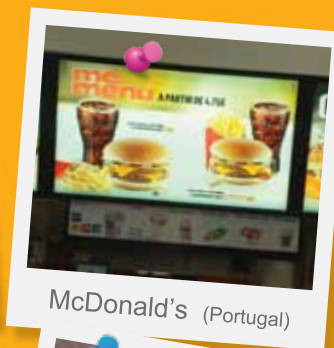
(US)

## The DIM2 Regulation

All Viribright LED products are designed to conform with the new European Eco-design (DIM2) regulations. These regulations ensure product performance and longevity, in addition to providing consumers with clear and pertinent information to make buying decisions.



Yahoo Office (Hong Kong)



McDonald's (Portugal)



Hong Kong Arts Centre (Hong Kong)



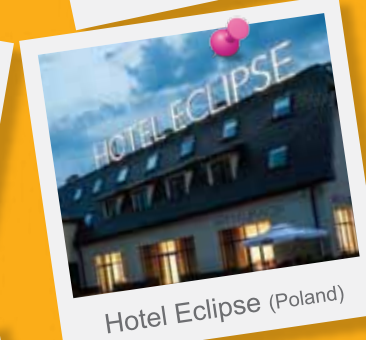
Industrial Association - AIP (Portugal)



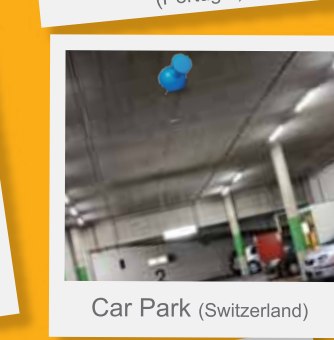
Sheraton Hotel (China)



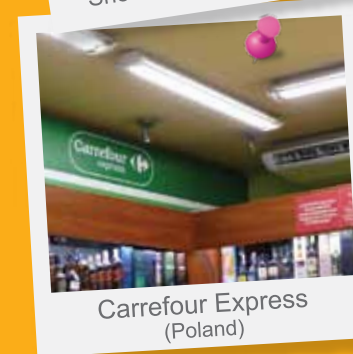
Munich Catholic Church (Germany)



Hotel Eclipse (Poland)



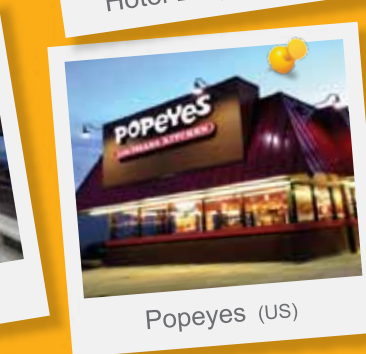
Car Park (Switzerland)



Carrefour Express (Poland)



Hospital Showroom (Turkey)



Popeyes (US)



MTR - Headquarters (Hong Kong)