



# RAY GU10 | DYNAMIC

GU10 7.5w retrofit bulb featuring Full Spectrum, Nature's Blue technology

## FEATURES

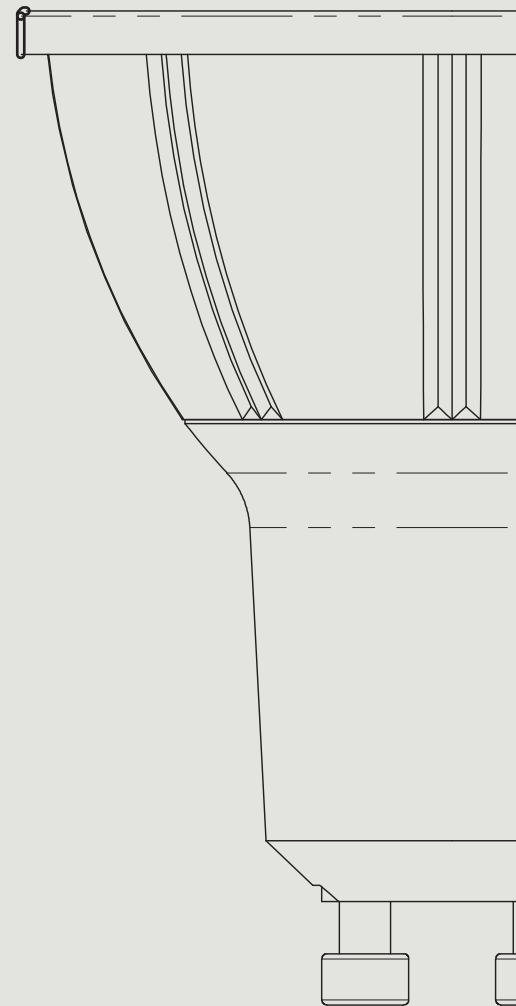
- BlueBalance light source
- Full Spectrum phosphor combination
- Circadian friendly, humancentric output
- Flicker Free Bridging Technology
- Micro-engineered Reduced Ripple Dimmable driver
- SunRAY high efficiently lens for optimal beam control

## PRODUCT INFORMATION

- Energy savings up to 85% compared to halogen GU10
- No UV & IRrays, environmentally friendly
- Lifetime up to 25,000hrs, covered by 3 years warranty
- Suitable for enclosed fixtures with ventilation
- Compliant with IEC/EN62471 photobiological safety standard

## OPERATION AND MAINTENANCE TIPS

- Turn power off before inspection, installation or removal
  - Lamps should be kept free from contamination
  - The product is not suitable for emergency lighting
  - Do not operate product with damaged parts
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- **Not suitable for unvented light fixture**  
If front black ring turns bronze this indicates lamp over heating due to unsuitable installation environment meaning warrantee will be void





L I G H T I N G



Designed in Great Britain



## ELECTRICAL AND PHOTOMETRIC CHARACTERISTICS

<b>Nominal wattage:</b>	7.5 W
<b>Nominal voltage:</b>	AC 220-240V
<b>Operating frequency:</b>	50/60Hz
<b>Inrush/Drive Current:</b>	< 1 A
<b>Power factor:</b>	0.8
<b>Working temperature range:</b>	-20°C ...+40°C
<b>T-Case maximum</b>	85°C
<b>Starting time:</b>	< 0.5 S
<b>L70F20 lifetime at Ta: 25°C</b>	25,000 hrs
<b>Switching cycles:</b>	> 50,000 times
<b>Dimmable:</b>	Yes
<b>Beam angle:</b>	10° / 25° / 38° / 60°
<b>SDCM:</b>	3 steps
<b>Colour rendering index:</b>	CRI98
<b>Risk group (EN 62471:2008):</b>	RG1

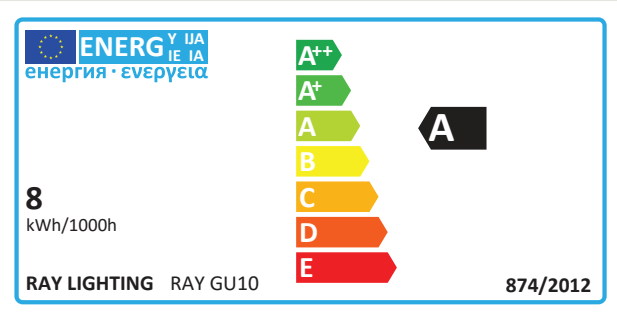
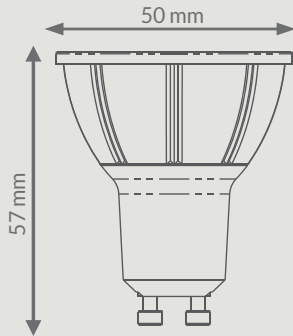
\* Exceeding maximum ratings for operating temperature and input voltage will reduce expected life time or destroy the product.

SKU	Watt*	Volage	Current	CCT*	Avg Flux*	CRI*	Angle*	Dimmable
RR-WM10-MD-D-27-10-BB	7.5 W	220-240 Vac	37 mA	2700 K	430 lm	CRI98	10°	Yes
RR-WM10-MD-D-27-25-BB	7.5 W	220-240 Vac	37 mA	2700 K	430 lm	CRI98	25°	Yes
RR-WM10-MD-D-27-38-BB	7.5 W	220-240 Vac	37 mA	2700 K	430 lm	CRI98	38°	Yes
RR-WM10-MD-D-27-60-BB	7.5 W	220-240 Vac	37 mA	2700 K	430 lm	CRI98	60°	Yes
RR-WM10-MD-D-30-10-BB	7.5 W	220-240 Vac	37 mA	3000 K	450 lm	CRI98	10°	Yes
RR-WM10-MD-D-30-25-BB	7.5 W	220-240 Vac	37 mA	3000 K	450 lm	CRI98	25°	Yes
RR-WM10-MD-D-30-38-BB	7.5 W	220-240 Vac	37 mA	3000 K	450 lm	CRI98	38°	Yes
RR-WM10-MD-D-30-60-BB	7.5 W	220-240 Vac	37 mA	3000 K	450 lm	CRI98	60°	Yes

Precise values for individual bulbs may vary within a small range from the typical value due to the special conditions of the manufacturing process. RAY Lighting maintains a tolerance of +/-10% on flux and power measurements, and a +2 on CRI.



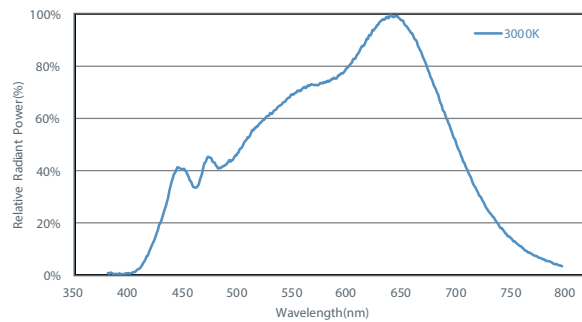
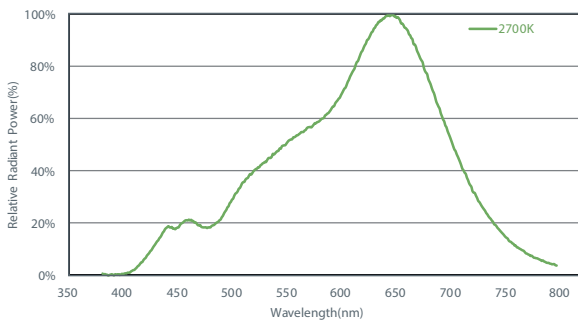
L I G H T I N G



## MAXIMUM LOADING OF AUTOMATIC CIRCUIT

Breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush Drive/Current	Inrush time
Max. load	120	160	200	240	60	80	100	120	I <sub>max</sub> 1A	130μs

## SPECTRAL DISTRIBUTION



## LIFETIME

