ledunited

LED LAMP
CATALOGUE

Commercial Projects using LED United LED Lamps - Lighting Design by Mr Resistor

Residential Projects using LED United LED Lamps - Lighting Design by Mr Resistor

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REALITY
LED LAMPS

The Reality LED range has been designed in the UK. The idea was to create an LED that matched a halogen lamp in terms of light source and aesthetics. We achieved this by using a single Cree LED chip and building the reflector around it. The result is a light that gives that arc of light that we are all used to seeing with halogen.

We have used an improved circuit for the LED driver for smooth, flicker free dimming. We have fully tested dimming with Lutron and various dimmer modules.

They are our most powerful LED lamps yet, but with the benefit of being energy efficient, all complying to Part L regulations. The Lamps high lumen output make them ideal for lighting large spaces and high ceilings.

Reality GU10 Halogen GU10

REALITY

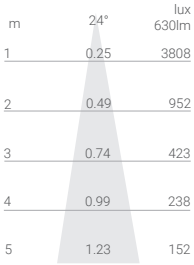
GU10 7W

Dimmable

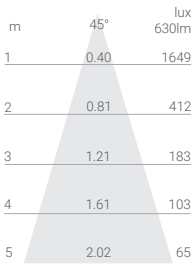
- Replicates a halogen reflector
- LED positioned further back for anti-glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W GU10 Halogen Lamp
- Lifetime of 25,000 hours
- Emergency option available
- Cree XLamp CXA1512 LED

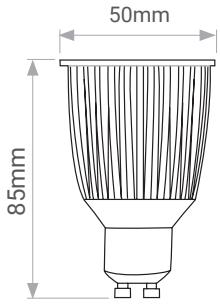
Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL GU10D INT24	7W	2700K	**630**	**90**	24°	90	GU10	Yes
REAL GU10D 24D	7W	3000K	**630**	**90**	24°	90	GU10	Yes
REAL GU10D CW24	7W	4000K	**630**	**90**	24°	90	GU10	Yes
REAL GU10D INT45	7W	2700K	**630**	**90**	45°	90	GU10	Yes
REAL GU10D 45D	7W	3000K	**630**	**90**	45°	90	GU10	Yes
REAL GU10D CW45	7W	4000K	**630**	**90**	45°	90	GU10	Yes

LED GU10 7W 24°



LED GU10 7W 45°





REALITY

GU10 5W

Dimmable

- Replicates a halogen reflector
- LED positioned further back for anti-glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 50W GU10 Halogen Lamp
- Lifetime of 25,000 hours
- Emergency option available
- Cree Chip

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL RETRO5 W12D	5W	3000K	**500**	**100**	12°	90	GU10	Yes
REAL RETRO5 I24D	5W	2700K	**500**	**100**	24°	90	GU10	Yes
REAL RETRO5 W24D	5W	3000K	**500**	**100**	24°	90	GU10	Yes
REAL RETRO5 C24D	5W	4000K	**500**	**100**	24°	90	GU10	Yes
REAL RETRO5 I45D	5W	2700K	**500**	**100**	45°	90	GU10	Yes
REAL RETRO5 W45D	5W	3000K	**500**	**100**	45°	90	GU10	Yes
REAL RETRO5 C45D	5W	4000K	**500**	**100**	45°	90	GU10	Yes
REAL RETRO5 I60D	5W	2700K	**500**	**100**	60°	90	GU10	Yes
REAL RETRO5 W60D	5W	3000K	**500**	**100**	60°	90	GU10	Yes
REAL RETRO5 C60D	5W	4000K	**500**	**100**	60°	90	GU10	Yes

LED GU10 5W 24°

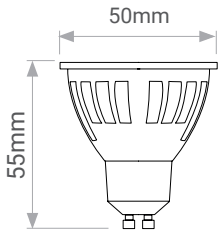
m	24°	lux 500lm
1	0.27	2754
2	0.54	688
3	0.81	306
4	1.09	172
5	1.36	110

LED GU10 5W 45°

m	45°	lux 500lm
1	0.46	987
2	0.93	246
3	1.39	109
4	1.86	61
5	2.32	39

LED GU10 5W 60°

m	60°	lux 500lm
1	0.79	741
2	1.58	185
3	2.37	82
4	3.16	46
5	3.96	30



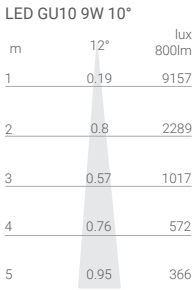
REALITY

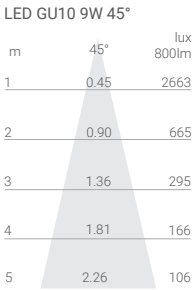
GU10 9W

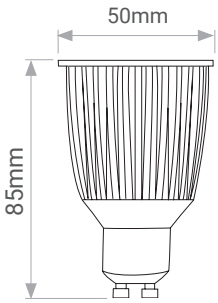
Dimmable

- Replicates halogen reflector
- Colour Rendering Index of 93
- LED positioned further back for anti glare
- Complies with Part L regulations
- Fully dimmable with leading & trailing edge dimmers
- Equivalent to 100W Halogen
- Fits 50mm Downlight
- Cree LED CHIP

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
PRO REALGU1010D3	9W	3000K	**800**	**89**	10°	93	GU10	Yes
PRO REALGU1010D4	9W	4000K	**800**	**89**	10°	93	GU10	Yes
PRO REALGU1024D3	9W	3000K	**800**	**89**	24°	93	GU10	Yes
PRO REALGU1024D4	9W	4000K	**800**	**89**	24°	93	GU10	Yes
PRO REALGU1045D3	9W	3000K	**800**	**89**	45°	93	GU10	Yes
PRO REALGU1045D4	9W	4000K	**800**	**89**	45°	93	GU10	Yes







Miele

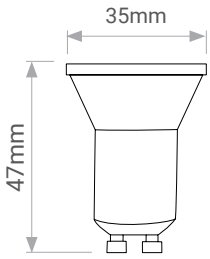
REALITY

GU11 4W

Dimmable

- LED positioned further back for anti glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 35W GU10
- Fits GU10 lampholder
- Emergency option available

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL GU11D IN10D	4W	2700K	**280**	**70**	10°	90	GU10	Yes
REAL GU11D WW10D	4W	3000K	**280**	**70**	10°	90	GU10	Yes
REAL GU11D IN35D	4W	2700K	**280**	**70**	35°	90	GU10	Yes
REAL GU11D WW35D	4W	3000K	**280**	**70**	35°	90	GU10	Yes
REAL GU11D CW35D	4W	4000K	**280**	**70**	35°	90	GU10	Yes



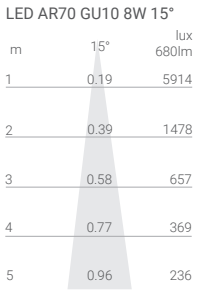
REALITY

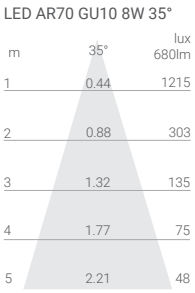
AR70 GU10 8W

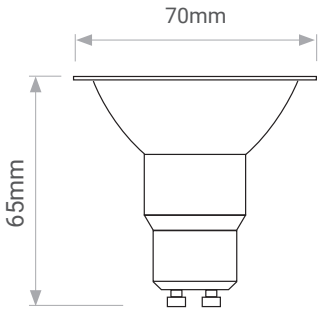
Dimmable

- Replicates a halogen reflector
- LED positioned further back for anti-glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W GU10 Halogen Lamp
- Lifetime of 25,000 hours
- Cree LED

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL 70GU10D 15D	8W	3000K	**680**	**85**	15°	90	GU10	Yes
REAL 70GU10D 35D	8W	3000K	**680**	**85**	35°	90	GU10	Yes







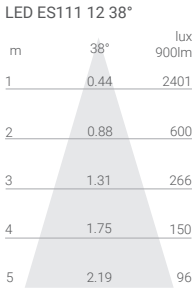
REALITY

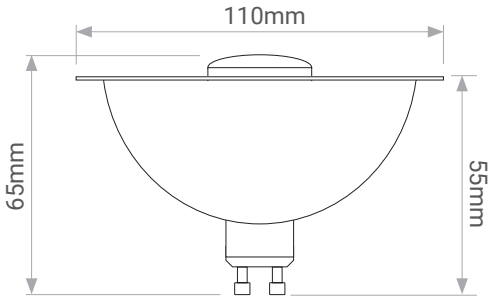
ES111 12W

Dimmable

- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 100W AR111
- Fits GU10 lampholder
- Emergency option available

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL ES11135D V2	12W	2700K	**900**	**75**	38°	90	GU10	Yes





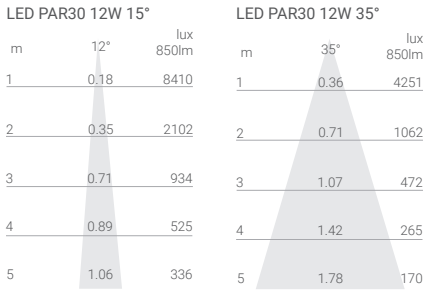
REALITY

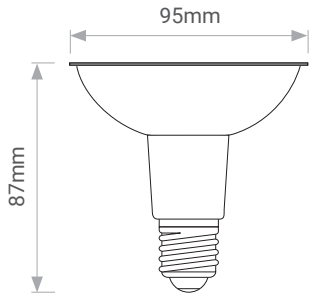
PAR30 12W

Dimmable

- Replicates halogen reflector
- Colour Rendering Index of 93
- LED positioned further back for anti glare
- Complies with Part L regulations
- Fully dimmable with leading & trailing edge dimmers
- Equivalent to 75W Halogen
- Fits 50mm Downlight
- LED Chip 15° : CREE CXA1512
- LED Chip 35° : NICHIA 757

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
PRO REALPAR3015D	12W	3000K	**850**	**71**	15°	93	E27	Yes
PRO REALPAR3035D	12W	3000K	**850**	**71**	35°	93	E27	Yes





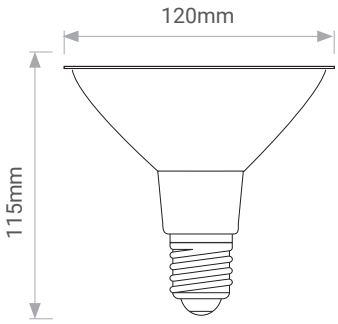
REALITY

PAR38 16W

Dimmable

- Replicates a halogen reflector
- LED positioned further back for anti-glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 150W GU10 Halogen Lamp
- Lifetime of 25,000
- Emergency option available
- Cree XLamp CXA1512 LED

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
LEDPAR38G10D WW	16W	3000K	**1400**	**78**	10°	90	ES/E27	Yes
LEDPAR38G35D WW	16W	3000K	**1400**	**78**	38°	90	ES/E27	Yes
LEDPAR38G35D INT	16W	2700K	**1250**	**87**	38°	90	ES/E27	Yes



REALITY

AR111 13W

Dimmable or Switching

- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W AR111
- Fits AR111 lampholder
- Emergency option available
- Dali option available

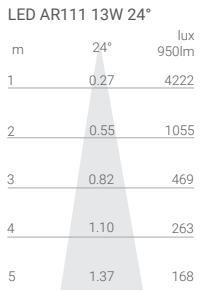
Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL AR111D INT	13W	2700K	**950**	**73**	24°	90	G53	Yes
REAL AR111D WW	13W	3000K	**950**	**73**	24°	90	G53	Yes
REAL AR111D C/W	13W	4000K	**950**	**73**	24°	90	G53	Yes

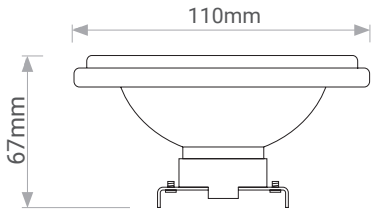
AR111 Dali

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL AR111 DALI2	13W	2700K	**950**	**73**	24°	90	G53	Yes
REAL AR111 DALI3	13W	3000K	**950**	**73**	24°	90	G53	Yes

AR111 Non Dimmable Retro

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL AR111 INT	13W	2700K	**950**	**73**	24°	90	G53	No
REAL AR111 WW	13W	3000K	**950**	**73**	24°	90	G53	No





REALITY

MR16 7W

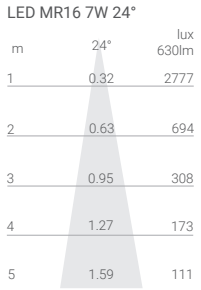
Dimmable or Switching

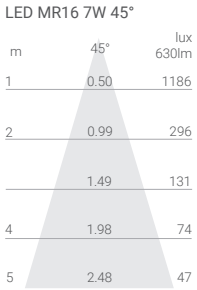
- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W GU10
- Fits MR16 lampholder
- Emergency option available
- Dali option available

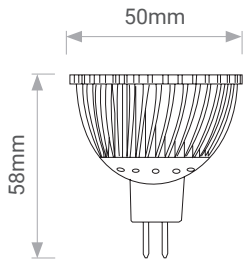
Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL MR16D INT24	7W	2700K	**630**	**90**	24°	90	GU5.3	Yes
REAL MR16D 24D	7W	3000K	**630**	**90**	24°	90	GU5.3	Yes
REAL MR16D CW24	7W	4000K	**630**	**90**	24°	90	GU5.3	Yes
REAL MR16D INT45	7W	2700K	**630**	**90**	45°	90	GU5.3	Yes
REAL MR16D 45D	7W	3000K	**630**	**90**	45°	90	GU5.3	Yes

MR16 Non Dimmable Retro

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REALMR1624D WW	7W	3000K	**630**	**90**	24°	90	GU5.3	No
REALMR1660D WW	7W	3000K	**630**	**90**	60°	90	GU5.3	No
REALMR1660D CW	7W	4000K	**630**	**90**	60°	90	GU5.3	No







REALITY

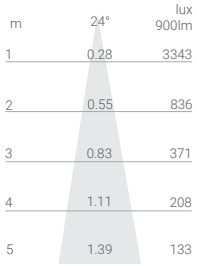
MODULE 10W

Dimmable

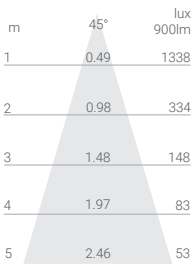
- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 100W GU10
- Fits 50mm Downlight
- Emergency option available
- Cree LED Chip

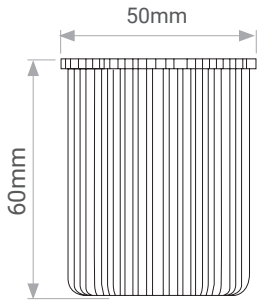
Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL MODULE 24/I	10W	2700K	**900**	**90**	24°	90	-	Yes
REAL MODULE 24/W	10W	3000K	**900**	**90**	24°	90	-	Yes
REAL MODULE 24/C	10W	4000K	**900**	**90**	24°	90	-	Yes
REAL MODULE 45/I	10W	2700K	**900**	**90**	45°	90	-	Yes
REAL MODULE 45/W	10W	3000K	**900**	**90**	45°	90	-	Yes

LED MODULE 10W 24°



LED MODULE 10W 45°





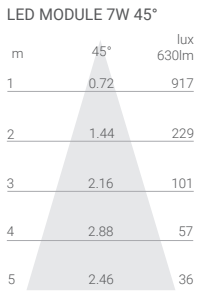
REALITY

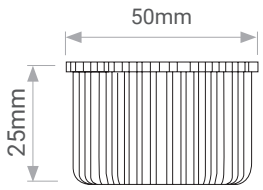
MODULE SHORT 7W

Dimmable

- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W GU10
- Lifetime of 25,000
- Fits 50mm Downlight
- Emergency option available

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL 25MM 45/I	7W	2700K	**650**	**93**	45°	90	-	Yes
REAL 25MM 45/W	7W	3000K	**650**	**93**	45°	90	-	Yes
REAL 25MM 45/CW	7W	4000K	**650**	**93**	45°	90	-	Yes





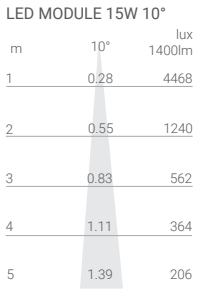
REALITY

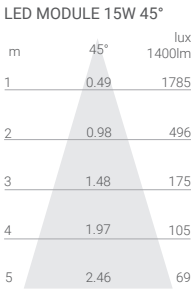
MODULE 15W

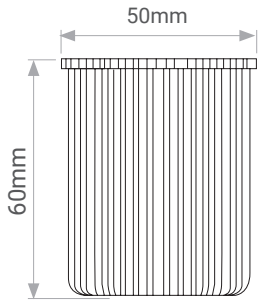
Dimmable

- Replicates halogen reflector
- Colour Rendering Index of 93
- LED positioned further back for anti glare
- Complies with Part L regulations
- Fully dimmable with leading & trailing edge dimmers
- Equivalent to 150W Halogen
- Estimated lifetime of 25,000 hours
- Fits 50mm Downlight
- LED Chip 10° : CREE MHD-G 7070 chip
- LED Chip 45° : CREE CXA1820 chip

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
PRO REAL50MO/10D	15W	3000K	**1400**	**93**	10°	93	-	Yes
PRO REAL50MO/45D	15W	3000K	**1400**	**93**	45°	93	-	Yes







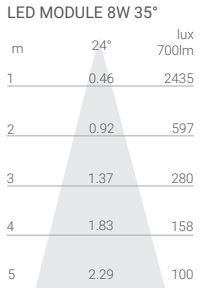
REALITY

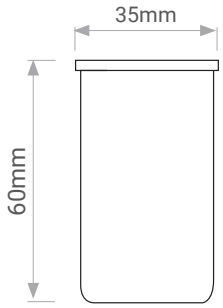
MODULE 35

Dimmable

- Replicates a halogen reflector
- LED positioned further back for anti-glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W GU10 Halogen Lamp
- Lifetime of 25,000
- Emergency option available
- Cree XLamp CXA1512 LED

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
PRO REAL35MO/35D	8W	3000K	**700**	**88**	35°	93	-	Yes





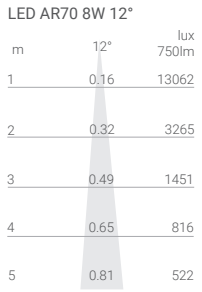
REALITY

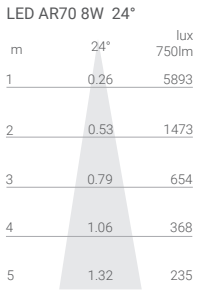
AR70 8W

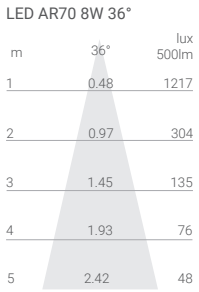
Dimmable

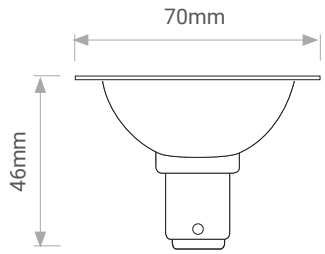
- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W AR70
- Fits SBC / B15 lampholder
- Emergency option available

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL AR70 INT 12	8W	2700K	**750**	**94**	12°	90	SBC	Yes
REAL AR70 WW 12	8W	3000K	**750**	**94**	12°	90	SBC	Yes
REAL AR70 INT 24	8W	2700K	**750**	**94**	24°	90	SBC	Yes
REAL AR70 WW 24	8W	3000K	**750**	**94**	24°	90	SBC	Yes
REAL AR70 INT 36	8W	2700K	**750**	**94**	36°	90	SBC	Yes
REAL AR70 WW 36	8W	3000K	**750**	**94**	36°	90	SBC	Yes









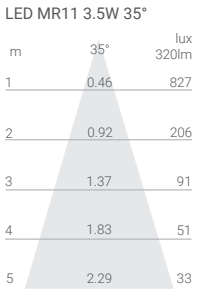
REALITY

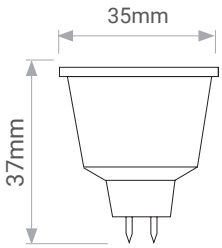
MR11 3.5W

Dimmable

- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 35W GU10
- Fits MR11 lampholder
- Emergency option available

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL MR11D INT	3.5W	2700K	**320**	**91**	35°	90	GU4	Yes
REAL MR11D WARM	3.5W	3000K	**320**	**91**	35°	90	GU4	Yes
REAL MR11D COOL	3.5W	4000K	**320**	**91**	35°	90	GU4	Yes





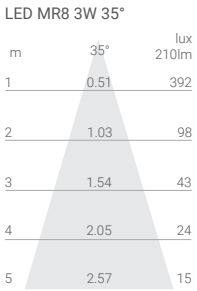
REALITY

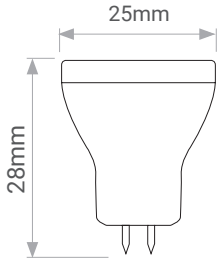
MR8 3W

Dimmable

- Replicates a halogen reflector
- LED positioned further back for anti-glare
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 25W GU10 Halogen Lamp
- Lifetime of 25,000
- Cree LED Chip

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL MR8 WARM	3W	3000K	**210**	**70**	35°	90	MR8	Yes
REAL MR8 COOL	3W	4000K	**210**	**70**	35°	90	MR8	Yes





REALITY
ATMOSPHERE
LED LAMPS

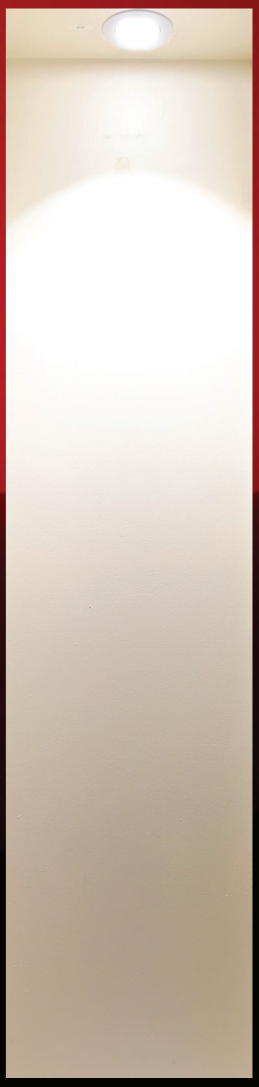
The Reality Atmosphere range of lamps emit a warmer light as you dim, to create a more relaxing ambience. the effect known as Warm Dimming does not have anything to do with the actual heat or physical warmth of the bulb, it is when an LED bulb's colour temperature lowers when dimmed.

The lower the brightness the warmer the colour. This is a natural replication since at sunset the sky appears more warm in color,

which puts our minds in a different gear and helps transition us to the night-time. Many incandescent and halogen bulbs naturally have this effect, yet are inefficient. When the Reality Atmosphere Lamps dim, they retain their high efficency, yet still produce the relaxing and comforting feel of an appealing “warmer” glow.

The Reality Atmosphere lamps also have a high CRI makes it ideal for lighting interiors, with its superior light bringing out all the colours, materials and textures of the home. The perfect colour spectrum of the light also makes the lamps ideal for lighting artwork and ornaments.

The Reality Atmosphere range is designed to match a halogen lamp in terms of light source and aesthetics. We achieved this by using a single LED chip and building the reflector around it.



Reality Atmosphere
Full Brightness

Reality Atmosphere
Dimmed

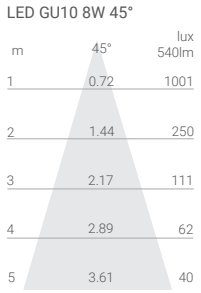
REALITY **ATMOSPHERE**

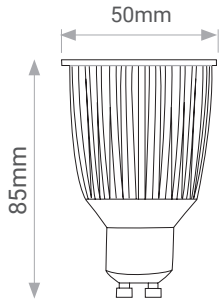
GU10 7W

Dimmable

- Dim to Warm 3000K - 2000K
- 85% Energy Savings
- Long lifespan
- High lumen output
- High Colour Rendering Index
- Anti-Glare
- Part L compliant
- Dimmable - compatible with leading/trailing edge dimmers

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
3/2 REAL GU10/8W	8W	3000K - 2000K	**540**	**68**	45°	95	GU10	Yes





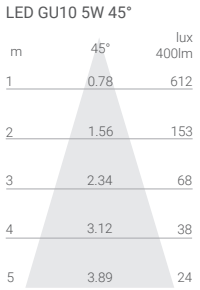
REALITY **ATMOSPHERE**

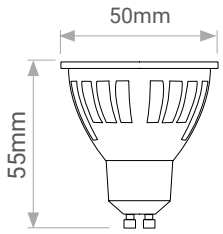
GU10 5W

Dimmable

- Dim to Warm 2800K - 2000K
- 85% Energy Savings
- Long lifespan
- High lumen output
- High Colour Rendering Index
- Anti-Glare
- Part L compliant
- Dimmable - compatible with leading/trailing edge dimmers

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
3/2 REAL RETRO5W	5W	2800K - 2000K	**400**	**80**	45°	95	GU10	Yes





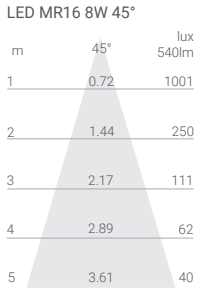
REALITY **ATMOSPHERE**

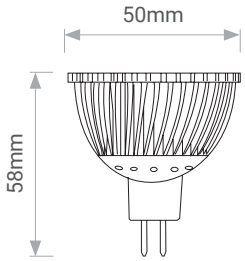
MR16 7W

Dimmable

- Dim to Warm 3000K - 2000K
- 85% Energy Savings
- Long lifespan
- High lumen output
- High Colour Rendering Index
- Anti-Glare
- Part L compliant
- Dimmable - compatible with leading/trailing edge dimmers

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
3/2 REAL MR16 8W	8W	3000K - 2000K	**540**	**68**	45°	95	GU5.3	Yes





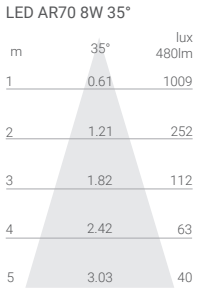
REALITY **ATMOSPHERE**

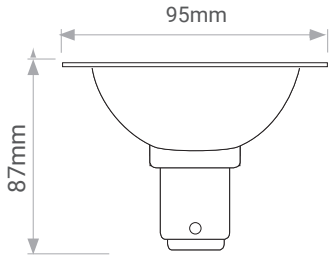
AR70 7W

Dimmable

- Dim to Warm 3000K - 2000K
- 85% Energy Savings
- Long lifespan
- High lumen output
- High Colour Rendering Index
- Anti-Glare
- Part L compliant
- Dimmable - compatible with leading/trailing edge dimmers

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
3/2 REAL AR70D	8W	3000K - 2000K	**480**	**60**	35°	95	SBC	Yes





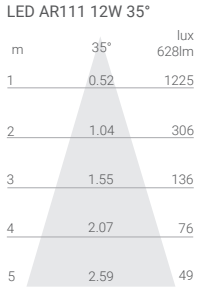
REALITY **ATMOSPHERE**

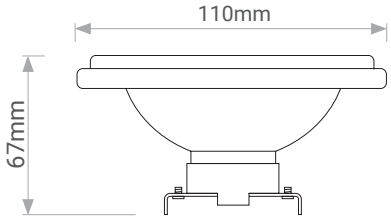
AR111 12W

Dimmable

- Dim to Warm 3000K - 2000K
- 85% Energy Savings
- Long lifespan
- High lumen output
- High Colour Rendering Index
- Anti-Glare
- Part L compliant
- Dimmable - compatible with leading/trailing edge dimmers

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
3/2 REAL AR111D	12W	3000K - 2000K	**628**	**52**	35°	95	G53	Yes

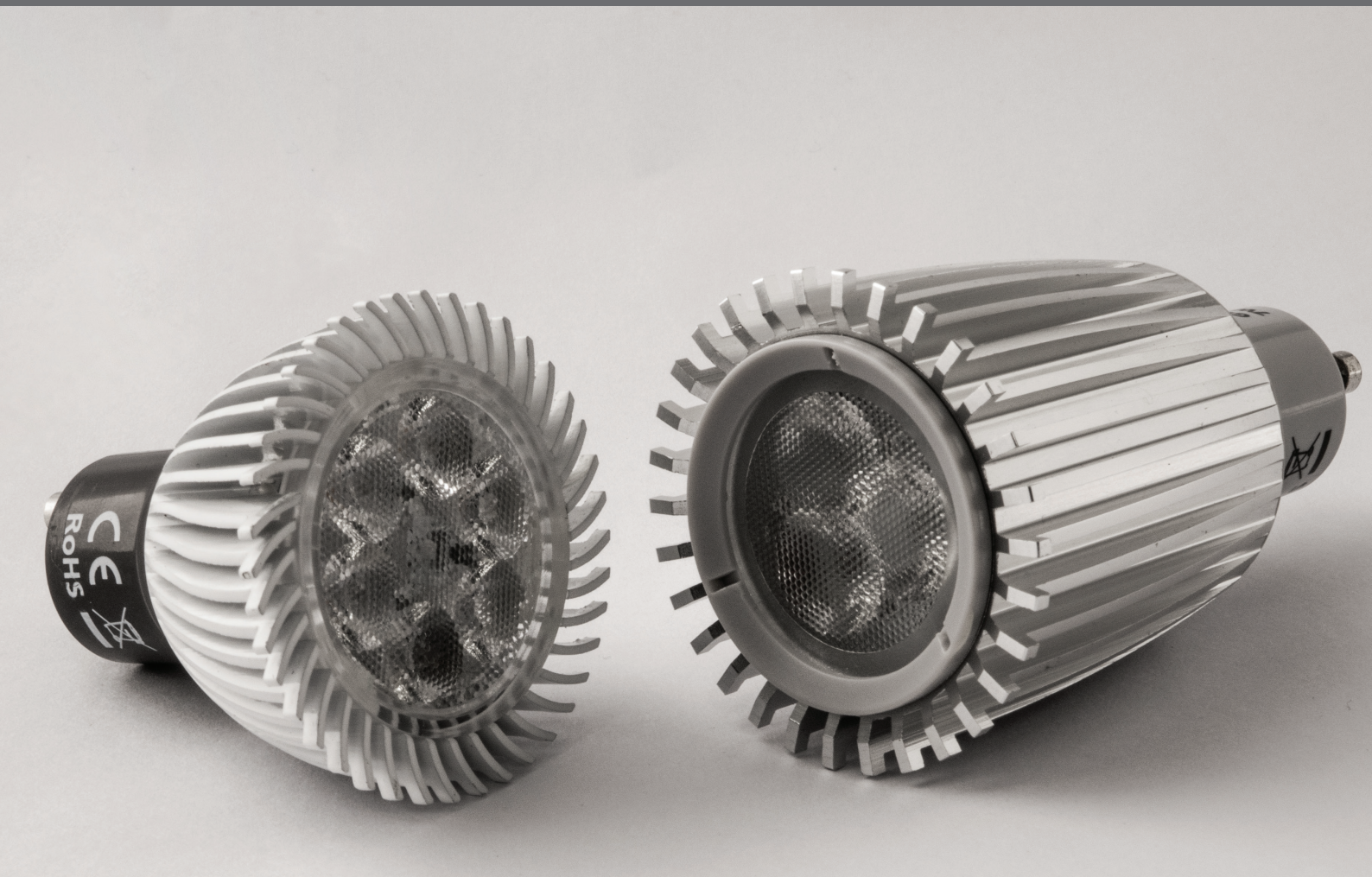




LED **CONTRACT**
ENCLOSED FITTING LAMPS

Our LED Contract lamps are ideal for use in enclosed fittings, such as exterior fittings. This is due to them being constructed from aluminium, which keeps the lamps from over heating when enclosed.

There is also single colour LED GU10 lamps, which are ideal for creating different moods and effects in outdoor or indoor areas.



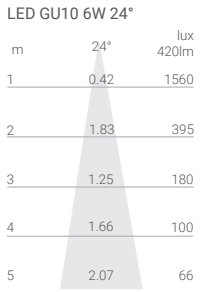
LED **CONTRACT**

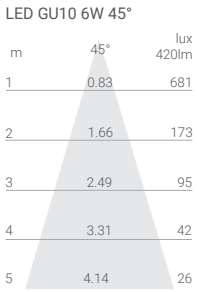
GU10 6W

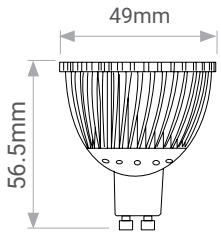
Dimmable

- 85% Energy Savings
- Low Carbon Footprint
- High Power 6 in 1 lens LED Technology
- Same size and direct replacement as GU10 Lamp

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
PUPPYDIMGU1024D	6W	3000K	**420**	**70**	24°	80	GU10	Yes
PUPPYDIMGU1045D	6W	3000K	**420**	**70**	45°	80	GU10	Yes







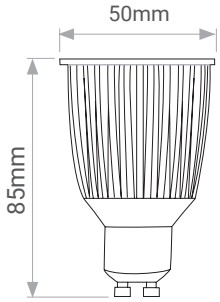
LED **CONTRACT**

GU10 7W

Dimmable Single Colour

- Fully dimmable with leading edge dimmers
- Equivalent to 50W GU10
- Fits GU10 lampholder

Product Code	Wattage	Colour	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
LEDGU107 45D AMB	7W	Amber	**290**	**41**	45°	80	GU10	Yes
LEDGU107 45D BLU	7W	Blue	**290**	**41**	45°	80	GU10	Yes
LEDGU107 45D GRN	7W	Green	**290**	**41**	45°	80	GU10	Yes
LEDGU107 45D RED	7W	Red	**290**	**41**	45°	80	GU10	Yes



MODULE

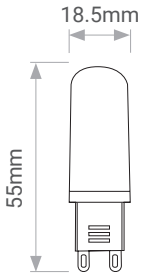
SUPER G9

Dimmable

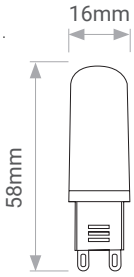
- Plastic body with the look of glass.
- Suitable for fire rated downlights and dimmable.
- Complies with Part L regulations
- Compatible with a range of leading edge dimmers.
- Equivalent to 30W G9 Halogen Lamp
- Lifetime of 25,000

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	CRI	Lamp holder	Dimming
LEDG9 6W INT	6W	2700K	**600**	**100**	92	G9	Yes
3/2 LEDG93WD	3W	3000K - 2000K	**300**	**100**	92	G9	Yes

LEDG9 6W INT



3/2 LEDG93WD



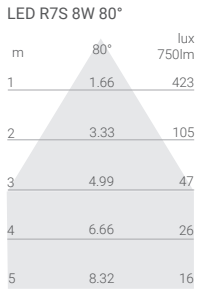
REALITY

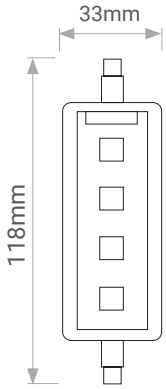
R7S 8W

Dimmable

- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W Halogen Lamp
- Lifetime of 25,000
- Cree LED CHIP

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
LEDTHL 8W 3K 118	8W	3000K	**750**	**94**	80°	80	R7s	Yes





LED **GLASS**

DIMMABLE LED LAMPS

The LED Glass range is designed to appear like halogen lamps, featuring a full glass body to mimic exact shape and size as a halogen, but featuring the latest low energy LED technology. The glass bodies also allow them to not over heat.

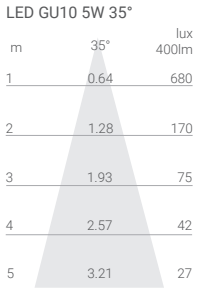
LED GLASS

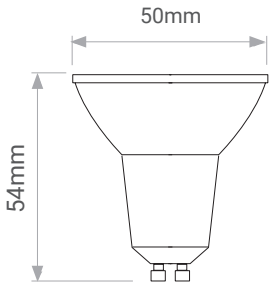
GU10 5W

Dimmable

- Full glass body
- Suitable for fire rated downlights and dimmable.
- Complies with Part L regulations
- Compatible with a range of leading edge dimmers.
- Equivalent to 50W GU10 Halogen Lamp
- Lifetime of 25,000
- Emergency option available

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
LEDGLGU105WD	5W	3000K	**400**	**80**	35°	80	GU10	Yes





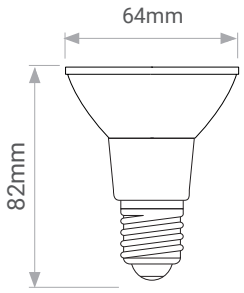
LED GLASS

PAR20 7W

Dimmable

- Full glass body
- Suitable for fire rated downlights and dimmable.
- Complies with Part L regulations
- Compatible with a range of leading edge dimmers.
- Equivalent to 60W Halogen Lamp
- Lifetime of 25,000
- Emergency option available

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
LEDPAR20G 35D WW	7W	3000K	**570**	**81**	45°	82	ES/E27	Yes



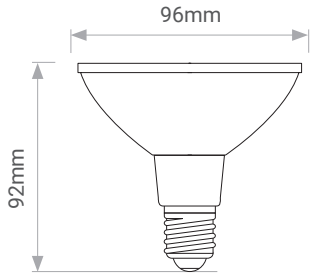
LED GLASS

PAR30 10W

Dimmable

- Full glass body
- Suitable for fire rated downlights and dimmable.
- Complies with Part L regulations
- Compatible with a range of leading edge dimmers.
- Equivalent to 75W GU10 Halogen Lamp
- Lifetime of 25,000
- Emergency option available

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
LEDPAR30G 60D WW	10W	3000K	**650**	**65**	60°	82	ES/E27	Yes



OPTIC

Optic Lamps are designed to create the perfect beam of light for whatever the requirement. That could be a broad beam for general light or a narrow beam for focussed light. This creates different moods and ambiences for commercial or residential projects.

ledunited

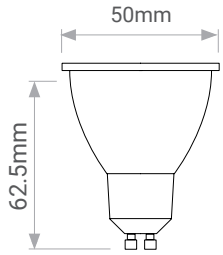
OPTIC

EXCHANGE GU10 7W

Dimmable

- Option of 3 beam angles, 10, 24 or 45°
- Flexibility to provide the best lighting for different areas
- Equivalent to 60W GU10
- Complies with Part L regulations
- Fully dimmable with leading and trailing edge dimmers
- Lifetime of 25,000hrs
- Fits GU10 lampholder

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
OPTIC GU107W 27K	7W	2700K	**560**	**80**	10°,24°,45°	80	GU10	Yes
OPTIC GU107W 3K	7W	3000K	**560**	**80**	10°,24°,45°	80	GU10	Yes



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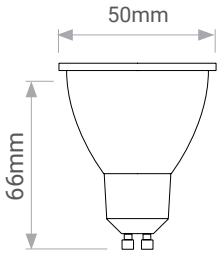
OPTIC

GU10 7W

Dimmable

- Narrow beam
- Equivalent to 60W GU10
- Complies with Part L regulations
- Fully dimmable with leading and trailing edge dimmers
- Lifetime of 25,000hrs
- Fits GU10 lampholder

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
OPTIC GU104D7W27	7W	2700K	**580**	**83**	4°	80	GU10	Yes
OPTIC GU104D7W3	7W	3000K	**580**	**83**	4°	80	GU10	Yes



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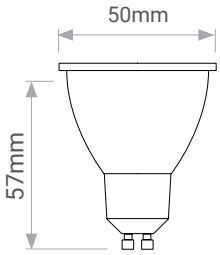
OPTIC

GU10 5W

Dimmable

- Narrow Beam
- Equivalent to 50W GU10
- Complies with Part L regulations
- Fully dimmable with leading and trailing edge dimmers
- Lifetime of 25,000hrs
- Fits GU10 lampholder

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
OPTIC GU104D5W27	5W	2700K	**450**	**90**	4°	90	GU10	Yes
OPTIC GU104D5W3	5W	3000K	**450**	**90**	4°	90	GU10	Yes



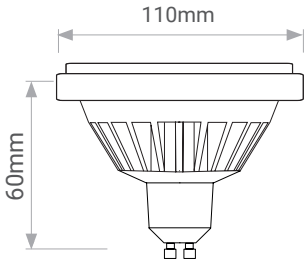
OPTIC

GU10 7W

Dimmable

- Narrow beam
- Equivalent to 100W GU10
- Complies with Part L regulations
- Fully dimmable with leading and trailing edge dimmers
- Lifetime of 25,000hrs
- Fits GU10 lampholder

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
OPTIC ES1114D15W	15W	2700K	**950**	**63**	4°	92	GU10	Yes



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OPTIC

AR111 14W

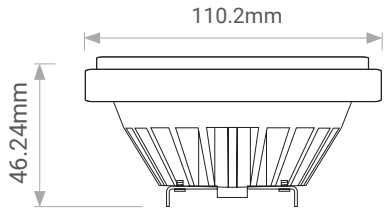
Dimmable

- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 100W AR111
- Fits AR111 lampholder
- Low Carbon footprint
- 80% Energy cost savings
- Dimmable
- Mercury free

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
LEDAR111D 8D IN	14W	2700K	**950**	**68**	8°	80	G53	Yes
LEDAR111D 8D WW	14W	3000K	**950**	**68**	8°	80	G53	Yes
LEDAR111D 8D CW	14W	4000K	**950**	**68**	8°	80	G53	Yes
LEDAR111D 24D IN	14W	2700K	**950**	**68**	24°	80	G53	Yes
LEDAR111D 24D 29	14W	2900K	**950**	**68**	24°	80	G53	Yes
LEDAR111D 24D WW	14W	3000K	**950**	**68**	24°	80	G53	Yes
LEDAR111D 24D CW	14W	4000K	**950**	**68**	24°	80	G53	Yes
LEDAR111D 45D IN	14W	2700K	**950**	**68**	45°	80	G53	Yes
LEDAR111D 45D 29	14W	2900K	**950**	**68**	45°	80	G53	Yes
LEDAR111D 45D WW	14W	3000K	**950**	**68**	45°	80	G53	Yes
LEDAR111D 45D CW	14W	4000K	**950**	**68**	45°	80	G53	Yes

AR111 Dali

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
LEDAR111 DALI 24	14W	4000K	**950**	**68**	24°	80	G53	Yes
LEDAR111 DALI CW	14W	4000K	**950**	**68**	45°	80	G53	Yes



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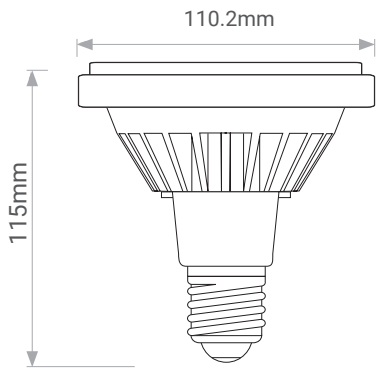
OPTIC

PAR111 12W

Dimmable

- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 100W AR111
- Fits ES/E27 lampholder
- Low Carbon footprint
- 80% Energy cost savings
- Dimmable
- Mercury free

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
LEDPAR11110D INT	12W	2700K	**900**	**75**	10°	80	G53	Yes
LEDPAR11145D INT	12W	2700K	**900**	**75**	45°	80	G53	Yes

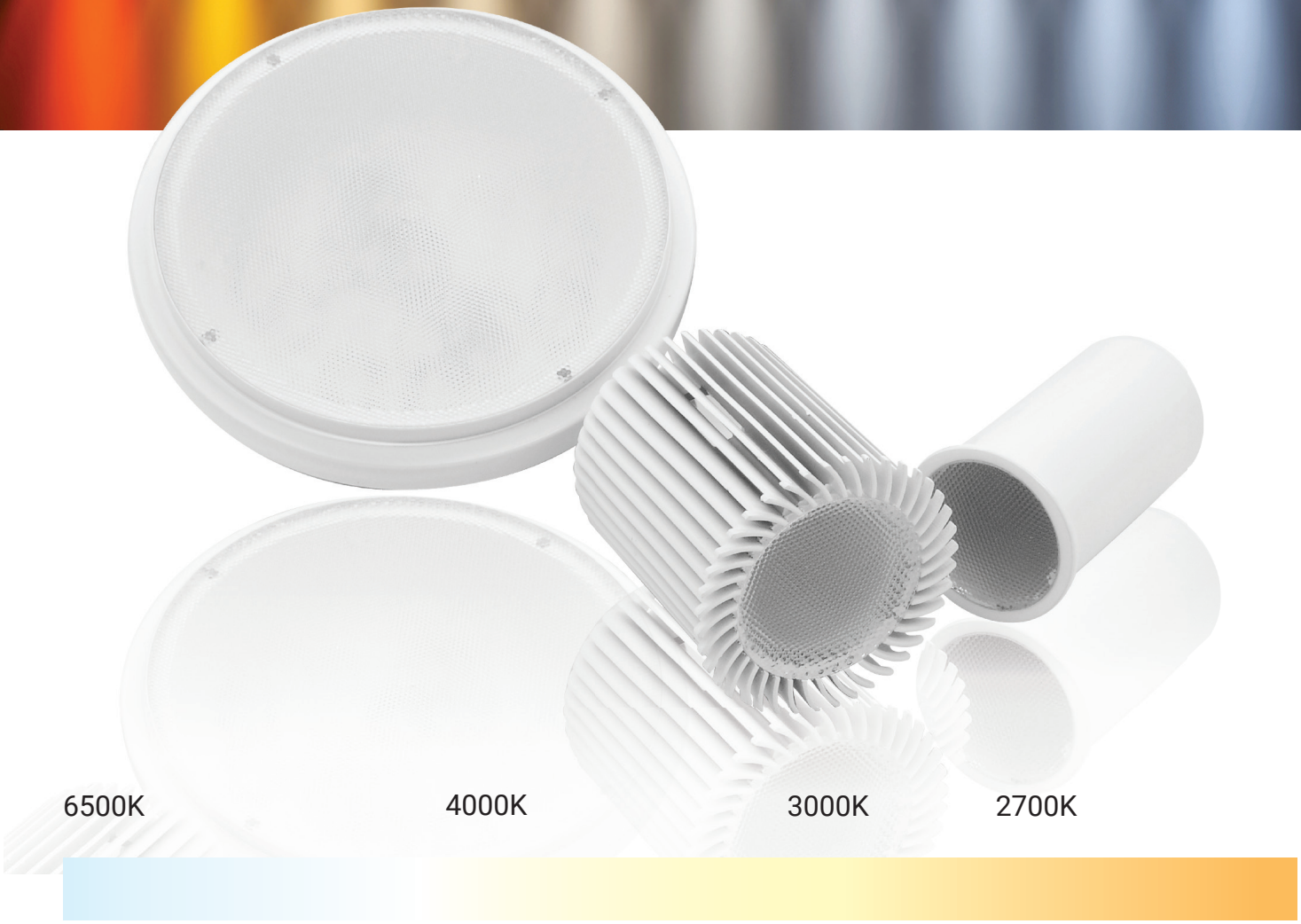


Dynamic White

LED MODULES

Lighting changes how we see our surroundings. it can affect our mood, from feeling awake and alert, to relaxed and calm. We're excited to unveil our new Dynamic White Lamps, which gives you the ability to change the colour temperature of your lighting to suite a task or mood.

With Dynamic White Lamps you can adjust the lighting of a room for the various tasks taken within the day.



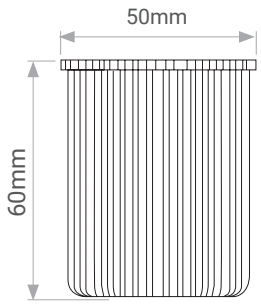
Dynamic White

MODULE 8.5W

Dimmable

- Colour temperature adjustable from 2700K - 6500K
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W MR16
- Fits 50mm Downlight

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
DYN MODULE MR16	8.5W	6500K - 2700K	**612**	**72**	45°	80	-	Yes



ACCESSORIES

Power Cord 1m 24V	DYNPC1
End Cap 60mm	DYNEND
2M Coupler Lead 24V	DYN2M
5M Coupler Lead 24V	DYN5M
10M Coupler Lead 24V	DYN10M

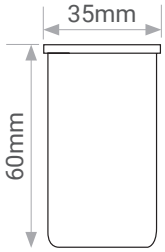
Dynamic White

MODULE 6W 24V

Dimmable

- Colour temperature adjustable from 2700K - 6500K
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 50W MR11
- Fits 50mm Downlight

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
DYN MODULE MR11	6W	6500K - 2700K	**462**	**77**	45°	80	-	Yes



ACCESSORIES

Power Cord 1m 24V	DYNPC1
End Cap 60mm	DYNEND
2M Coupler Lead 24V	DYN2M
5M Coupler Lead 24V	DYN5M
10M Coupler Lead 24V	DYN10M

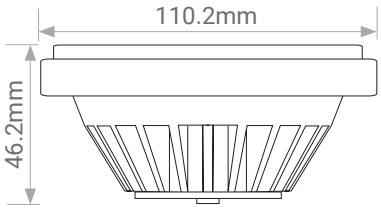
Dynamic White

AR111 MODULE 12W

Dimmable

- Colour temperature adjustable from 2700K - 6500K
- Complies with Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 100W AR111
- Fits AR111 Downlight

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
DYN MODULE AR111	12W	6500K - 2700K	**1100**	**92**	75°	80	-	Yes



ACCESSORIES

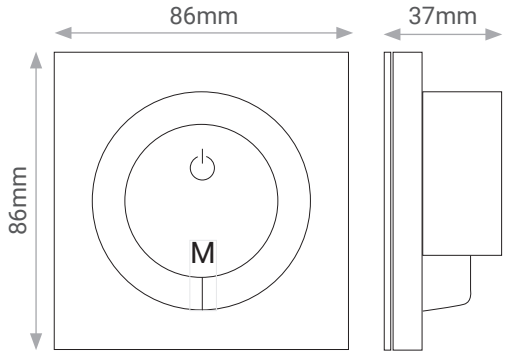
Power Cord 1m 24V	DYNPC1
End Cap 60mm	DYNEND
2M Coupler Lead 24V	DYN2M
5M Coupler Lead 24V	DYN5M
10M Coupler Lead 24V	DYN10M

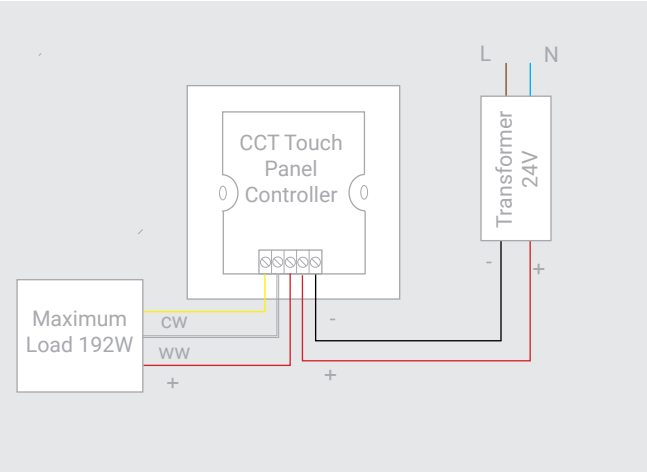
A. CCT Adjustable Touch Controller 24V

The LED CCT Adjustable Panel Controller is a touch panel glass colour temperature adjustable controller. It adopts a high precision touch control chip that increases touch sensitivity.

- Output: Two channels 96W per channel at 24V
- Connection mode: Common anode
- Supply voltage: DC12-24V
- Static power consumption: <1W
- Output current: <4A (each channel)
- Output power: 12V<96W, 24V<192W

Product Code : LEDP CCT DIM



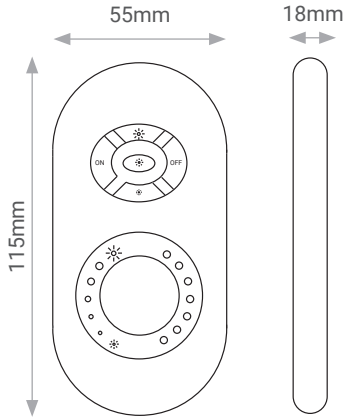


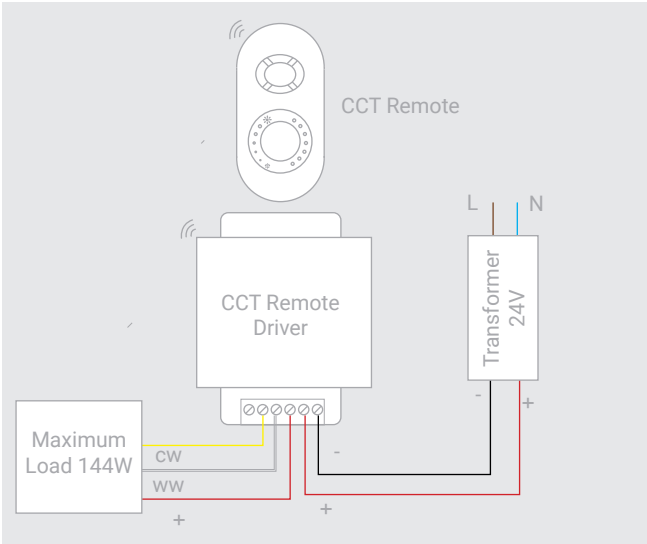
B. CCT Adjustable Remote

The LED CCT Adjustable Panel Remote is a touch colour temperature adjustable remote. It adopts a high precision touch control chip that increases touch sensitivity. Two AAA batteries are required to operate the remote available separately.

- Output control: Two circuits
- Connection mode: Common anode
- Receiving range: 20m
- Control current: 6A/circuit

Product Code : LEDP CCT REMOTE



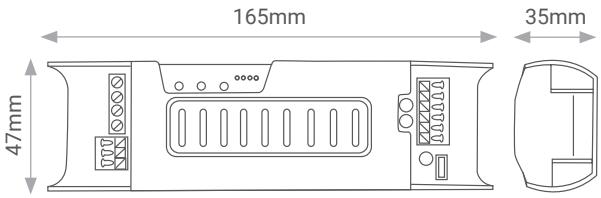


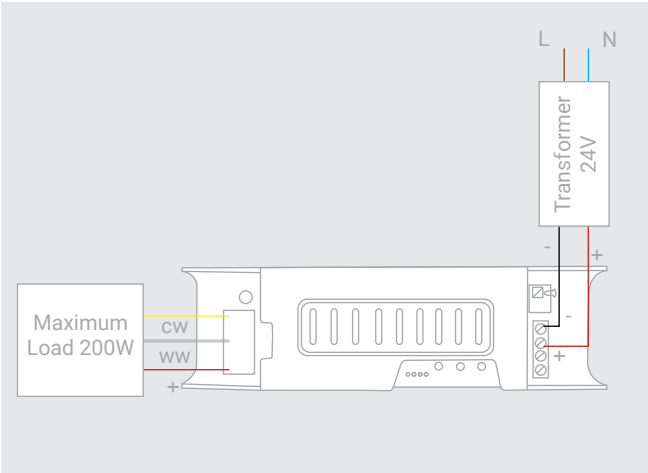
C. Wise Scene Dynamic White - Dimming Receiver

The Wise Scene Dynamic White Receiver is controlled by wireless switches or by a push-to-make switch. Designed to work in conjunction with the dynamic white LED tape, Lamps and strips it has 2 outputs for the connection of cool white LEDs and a warm white LEDs, allowing you to adjust the temperature of the colour, mixing the output from cool white to warm white. Receiver also has On/Off and dimmer function with built in memory to remember previous setting when switched on.

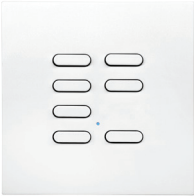
- Maximum wattage 200W
- Supply voltage: DC12-24V
- 4 Scenes per receiver
- On/Off and dimmer function
- Built in memory

Product Code : WISEDYN STRIP





Wise Intense 7 Button Switch



Wireless switch which works in conjunction with the Wise Scene Dynamic White Receiver, to control your dynamic fittings.

Wise intense switches are surface mounted so can be positioned almost anywhere. They are battery powered and a CR2430 battery is included with each unit.

Product Code : WISE INTENSE7 WH

RGB+WHITE

LED MODULES

The RGB/W LED Module is a dimmable colour changing and white LED lamp that fits most 50mm downlights. This module offers the versatility to be used for general lighting with warm white or colour changing. This is ideal for creating different moods and ambiences in a space.

RGB

3000K

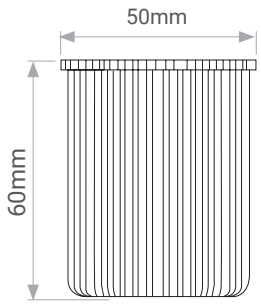
RGB+WARM WHITE

MODULE 8.5W

Dimmable

- Colour Change and Warm White
- Fully dimmable with leading edge dimmers
- Create Mood and ambiences
- Fits 50mm Downlight
- Plug & Play

Product Code	Wattage	Colour Temp	Beam angle	CRI	Lamp holder	Dimming
LEDRGB/W MOD	8.5W	RGB + 3000K	45°	80	-	Yes



ACCESSORIES

Power Cord 1m 24V	RGBWC1
End Cap	RGBW END 24V
2M Coupler Lead 24V	RGBW 2M
5M Coupler Lead 24V	RGBW 5M
10M Coupler Lead 24V	RGBW 10M

DRIVERS

25W 24V Parallel	RS2524
50W 24V Parallel	RS5024
100W 24V Parallel	RS10024
150W 24V Parallel	RS15024

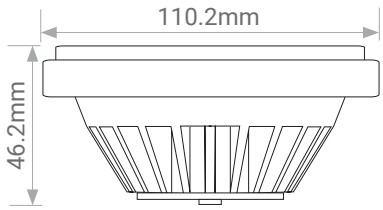
RGB+WHITE

MODULE 8.5W

Dimmable

- Colour change with white
- Complies with 2013 Part L regulations
- Fully dimmable with leading edge dimmers
- Fits AR111 Downlight

Product Code	Wattage	Colour Temp	Beam angle	CRI	Lamp holder	Dimming
LEDMODULE RGBI L	16W	RGB + 2700K	45°	80	-	Yes
LEDMODULE RGBW L	16W	RGB + 3000K	45°	80	-	Yes
LEDMODULE RGBC L	16W	RGB + 3000K	45°	80	-	Yes



ACCESSORIES

Power Cord 1m 24V	RGBWC1
End Cap	RGBW END 24V
2M Coupler Lead 24V	RGBW 2M
5M Coupler Lead 24V	RGBW 5M
10M Coupler Lead 24V	RGBW 10M

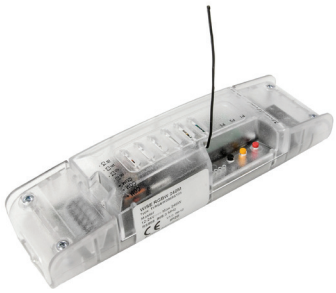
DRIVERS

25W 24V Parallel	RS2524
50W 24V Parallel	RS5024
100W 24V Parallel	RS10024
150W 24V Parallel	RS15024

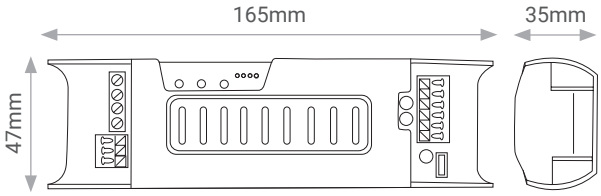
c. Wise Chameleon Colour Change RGBW

The Wise RGBW V2 Master gives you all the colour change facilities of the standard Chameleon, with the inclusion of a fourth channel to work with red, green, blue and white fittings. This allows the ability to have colour change and warm or cool white using just one chameleon pack. It also gives a greater range of shades of colour including pastels to give a more subtle effect.

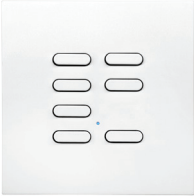
Caution: The warm white produced by RGB products is not the same as the warm white produced by single coloured products. By mixing the colours to create warm white a hint of Red, Green, or Blue may appear.



Product Code : **WISERGBW V2 M**



Wise Intense 7 Button Switch



Wireless switch which works in conjunction with the Wise Scene Dynamic White Receiver, to control your dynamic fittings.

Wise intense switches are surface mounted so can be positioned almost anywhere. They are battery powered and a CR2430 battery is included with each unit.

Product Code : WISE INTENSE7 WH

www.ledunited.com

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