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

REALITY CRI 80+ DIMMABLE LED LAMPS

GU10 7W	GU10 5W	GU11 4W	GU10 AR70 7W	ES111 12W	PAR111 12W
Page 3	**Page 4**	**Page 5**	**Page 6**	**Page 7**	**Page 8**

MR16 7W	MODULE 10W	MODULE 7W	AR70 8W	MR11 3.5W	AR70 7W
Page 9	**Page 10**	**Page 11**	**Page 12**	**Page 13**	**Page 14**

MR8 3W	R7S 8W
Page 15	**Page 16**

PRO REALITY CRI 90+ DIMMABLE LED LAMPS

GU10 9W	GU10 5W	MR16 9W	PAR30 12W	MODULE 15W	MODULE 8W
Page 19	**Page 20**	**Page 21**	**Page 22**	**Page 23**	**Page 24**

REALITY ATMOSPHERE DIM TO WARM LED LAMPS

GU10 8W	GU10 5W	MR16 8W	AR70 8W	AR111 12W
Page 27	**Page 28**	**Page 29**	**Page 30**	**Page 31**

LED GLASS GLASS LED LAMPS

GU10 5W
Page 33

LED **CONTRACT** ENCLOSED FITTING LED LAMPS

GU10 6W
Page 35

GU10 COLOUR
Page 36

Dynamic White LED MODULES

MODULE 8.5W
Page 38

MODULE 6W
Page 39

MODULE 12W
Page 40

CONTROLS
Page 41-42

RGB+WHITE LED MODULES

GU10 6W
Page 44

CONTROLS
Page 45

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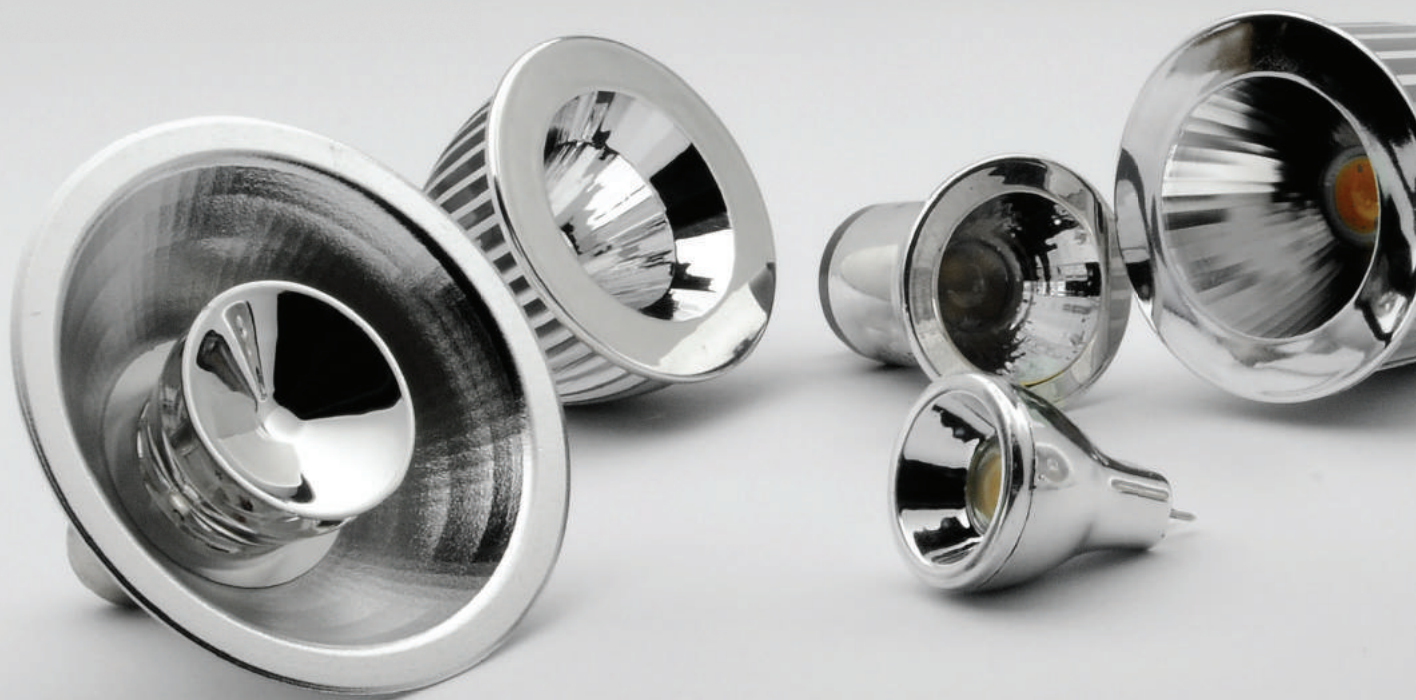
We have used an improved circuit for the LED driver for smooth, flicker free dimming. We have fully tested dimming with Lutron and various dimmer modules.

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.
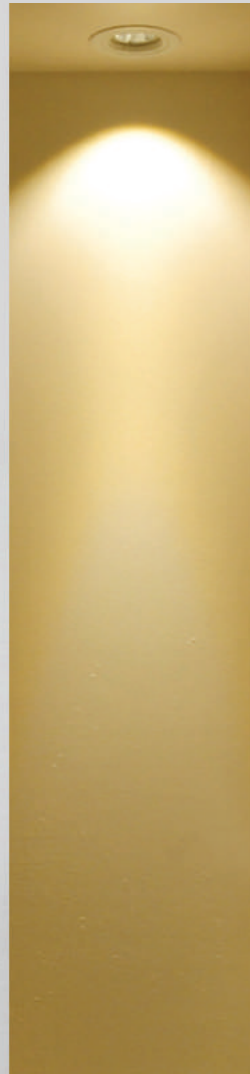
Reality GU10
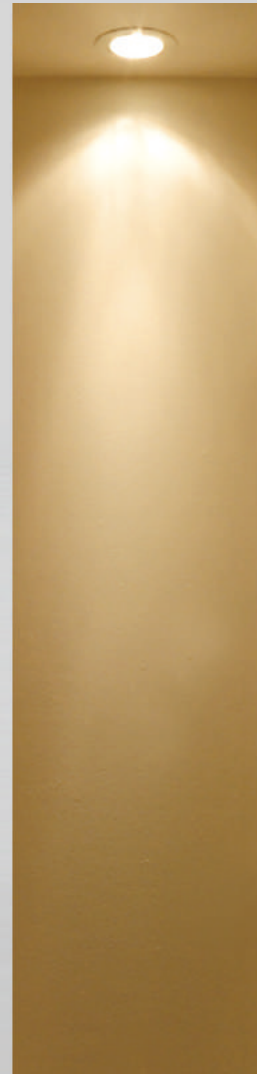
Halogen GU10

2

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★ ★ ★

CREE
LEDs

REALITY

GU10 7W
Dimmable

- Replicates a halogen reflector
- LED positioned further back for anti-glare
- Complies with October 2010 Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W GU10 Halogen Lamp
- Lifetime of 25,000 hours
- Emergency option available
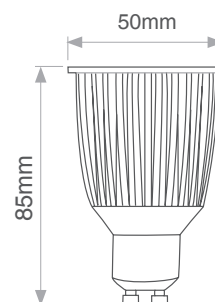- Cree XLamp CXA1512 LED

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL GU10D INT24	7W	2700K	**630**	**90**	24°	80	GU10	Yes
REAL GU10D 24D	7W	3000K	**630**	**90**	24°	80	GU10	Yes
REAL GU10D CW24	7W	4000K	**630**	**90**	24°	80	GU10	Yes
REAL GU10D INT45	7W	2700K	**630**	**90**	45°	80	GU10	Yes
REAL GU10D 45D	7W	3000K	**630**	**90**	45°	80	GU10	Yes
REAL GU10D CW45	7W	4000K	**630**	**90**	45°	80	GU10	Yes

LED GU10 7W 24°

m	24°	lux 630lm
1	0.25	3808
2	0.49	952
3	0.74	423
4	0.99	238
5	1.23	152

LED GU10 7W 45°

m	45°	lux 630lm
1	0.40	1649
2	0.81	412
3	1.21	183
4	1.61	103
5	2.02	65

50mm

85mm

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°	80	GU10	Yes
REAL RETRO5 I24D	5W	2700K	500	100	24°	80	GU10	Yes
REAL RETRO5 W24D	5W	3000K	500	100	24°	80	GU10	Yes
REAL RETRO5 C24D	5W	4000K	500	100	24°	80	GU10	Yes
REAL RETRO5 I45D	5W	2700K	500	100	45°	80	GU10	Yes
REAL RETRO5 W45D	5W	3000K	500	100	45°	80	GU10	Yes
REAL RETRO5 C45D	5W	4000K	500	100	45°	80	GU10	Yes
REAL RETRO5 I60D	5W	2700K	500	100	60°	80	GU10	Yes
REAL RETRO5 W60D	5W	3000K	500	100	60°	80	GU10	Yes
REAL RETRO5 C60D	5W	4000K	500	100	60°	80	GU10	Yes

LED GU10 7W 24°

m	24°	lux 630lm
1	0.27	2754
2	0.54	688
3	0.81	306
4	1.09	172
5	1.36	110

LED GU10 7W 45°

m	45°	lux 630lm
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

50mm

55mm
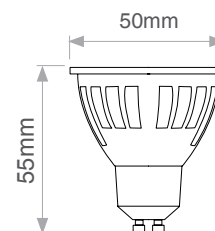
REALITY

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 INT	4W	2700K	280	70	35°	80	GU10	Yes
REAL GU11D W/W	4W	3000K	280	70	35°	80	GU10	Yes

35mm

47mm
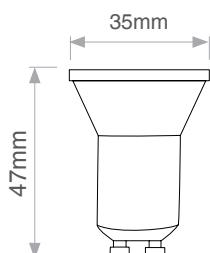
REALITY

AR70 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
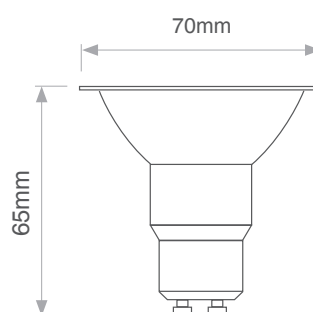- Lifetime of 25,000 hours
- Cree LED

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL 70GU10D 15D	8W	3000K	680	85	15°	80	GU10	Yes
REAL 70GU10D 35D	8W	3000K	680	85	35°	80	GU10	Yes

LED AR70 GU10 8W 15°

m	15°	lux 680lm
1	0.19	5914
2	0.39	1478
3	0.58	657
4	0.77	369
5	0.96	236

LED AR70 GU10 8W 35°

m	35°	lux 680lm
1	0.44	1215
2	0.88	303
3	1.32	135
4	1.77	75
5	2.21	48

70mm

65mm

REALITY
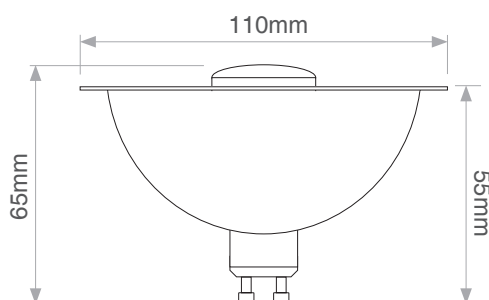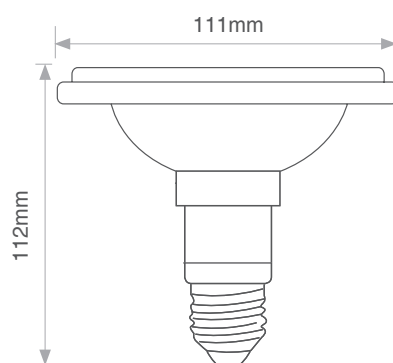
ES111 12W
Dimmable

- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with October 2010 Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W AR111
- Fits GU10 lampholder
- Emergency option available

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL ES111 35D	12W	2700K	900	75	38°	80	GU10	Yes

LED ES111 712 45°

m	45°	lux 900lm
1	0.44	2401
2	0.88	600
3	1.31	266
4	1.75	150
5	2.19	96

110mm

65mm

55mm

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★ ★ ★

CREE LEDs

REALITY

PAR111 2W
Dimmable

- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with October 2010 Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W AR111
- Fits ES/E27 lampholder
- Emergency option available
- Dali option available

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REALPAR111/10D/3	12W	2700K	900	75	10°	80	ES/E27	Yes

LED ES111 712 45°

m	45°	lux 900lm
1	0.44	2401
2	0.88	600
3	1.31	266
4	1.75	150
5	2.19	96

111mm

112mm

REALITY

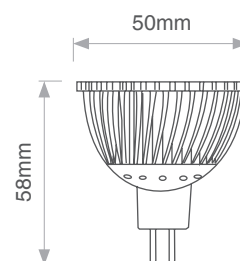## MR16 7W
Dimmable or Switching

- 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°	80	GU10	Yes
REAL MR16D 24D	7W	3000K	630	90	24°	80	GU10	Yes
REAL MR16D CW24	7W	4000K	630	90	24°	80	GU10	Yes
REAL MR16D INT45	7W	2700K	630	90	45°	80	GU10	Yes
REAL MR16D 45D	7W	3000K	630	90	45°	80	GU10	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°	80	GU10	No
REALMR1660D WW	7W	3000K	630	90	60°	80	GU10	No
REALMR1660D CW	7W	4000K	630	90	60°	80	GU10	No

LED GU10 7W 24°

m	24°	lux 630lm
1	0.32	2777
2	0.63	694
3	0.95	308
4	1.27	173
5	1.59	111

LED GU10 7W 45°

m	45°	lux 630lm
1	0.50	
2	0.99	
3	1.49	
4	1.98	74
5	2.48	47

50mm

58mm

REALITY

MODULE 10W
Dimmable

- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with October 2010 Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 100W GU10
- Fits 50mm Downlight
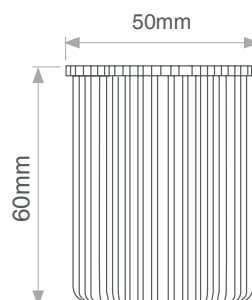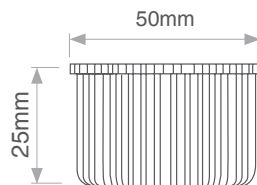- Emergency option available
- Cree LED Chip

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL MODULE 24/I	10W	2700K	**900**	**90**	24°	80	-	Yes
REAL MODULE 24/W	10W	3000K	**900**	**90**	24°	80	-	Yes
REAL MODULE 24/C	10W	4000K	**900**	**90**	24°	80	-	Yes
REAL MODULE 45/I	10W	2700K	**900**	**90**	45°	80	-	Yes
REAL MODULE 45/W	10W	3000K	**900**	**90**	45°	80	-	Yes

LED MODULE 10W 24°

m	24°	lux 900lm
1	0.28	3343
2	0.55	836
3	0.83	371
4	1.11	208
5	1.39	133

LED MODULE 10W 45°

m	45°	lux 900lm
1	0.49	1338
2	0.98	334
3	1.48	148
4	1.97	83
5	2.46	53

50mm

60mm

REALITY

MODULE SHORT 7W
Dimmable

- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with October 2010 Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 100W 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°	80	-	Yes
REAL 25MM 45/W	7W	3000K	650	93	45°	80	-	Yes
REAL 25MM 45/CW	7W	4000K	650	93	45°	80	-	Yes

LED MODULE 7W 45°

m	45°	lux 630lm
1	0.72	917
2	1.44	229
3	2.16	101
4	2.88	57
5	2.46	36

50mm
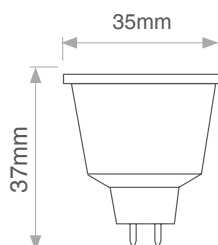
25mm

REALITY

AR70 8W
Dimmable

- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with October 2010 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°	80	SBC	Yes
REAL AR70 WW 12	8W	3000K	750	94	12°	80	SBC	Yes
REAL AR70 INT 24	8W	2700K	750	94	24°	80	SBC	Yes
REAL AR70 WW 24	8W	3000K	750	94	24°	80	SBC	Yes
REAL AR70 INT 36	8W	2700K	750	94	36°	80	SBC	Yes
REAL AR70 WW 36	8W	3000K	750	94	36°	80	SBC	Yes

LED AR70 8W 12°

m	12°	lux 750lm
1	0.16	13062
2	0.32	3265
3	0.49	1451
4	0.65	816
5	0.81	522

LED AR70 8W 24°

m	24°	lux 750lm
1	0.26	5893
2	0.53	1473
3	0.79	654
4	1.06	368
5	1.32	235

LED AR70 8W 36°

m	36°	lux 500lm
1	0.48	1217
2	0.97	304
3	1.45	135
4	1.93	76
5	2.42	48

70mm

46mm
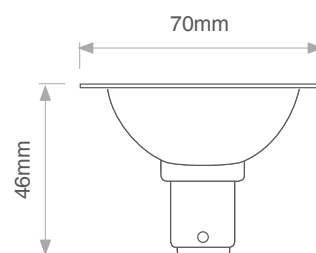
REALITY

MR11 3.5W
Dimmable

- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with October 2010 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°	80	GU4	Yes
REAL MR11D WARM	3.5W	3000K	320	91	35°	80	GU4	Yes
REAL MR11D COOL	3.5W	4000K	320	91	35°	80	GU4	Yes

LED MR11 3.5W 35°

m	35°	lux 320lm
1	0.46	827
2	0.92	206
3	1.37	91
4	1.83	51
5	2.29	33

35mm

37mm

REALITY

AR111 13W
Dimmable or Switching

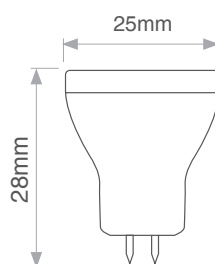- Replicates halogen reflector
- LED positioned further back for anti glare
- Complies with October 2010 Part L regulations
- Fully dimmable with leading edge dimmers
- Equivalent to 75W AR111
- Fits AR111 lampholder
- Emergency option available
- Dali option available

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
REAL AR111D INT	13W	2700K	950	73	24°	80	G53	Yes
REAL AR111D WW	13W	3000K	950	73	24°	80	G53	Yes
REAL AR111D C/W	13W	4000K	950	73	24°	80	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°	80	G53	Yes
REAL AR111 DALI3	13W	3000K	950	73	24°	80	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°	80	G53	No
REAL AR111 WW	13W	3000K	950	73	24°	80	G53	No

LED AR111 13W 24°

m	24°	lux 950lm
1	0.27	4222
2	0.55	1055
3	0.82	469
4	1.10	263
5	1.37	168

110mm

67mm
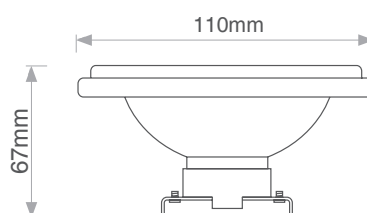
REALITY

MR8 3W
Dimmable

- Replicates a halogen reflector
- LED positioned further back for anti-glare
- Complies with October 2010 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°	80	MR8	Yes
REAL MR8 COOL	3W	4000K	210	70	35°	80	MR8	Yes

LED MR8 3W 35°

m	35°	lux 210lm
1	0.51	392
2	1.03	98
3	1.54	43
4	2.05	24
5	2.57	15

25mm

28mm

REALITY

R7S 8W
Dimmable

- Complies with October 2010 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 R7S 8W 80°

m	80°	lux 750lm
1	1.66	423
2	3.33	105
3	4.99	47
4	6.66	26
5	8.32	16

33mm

118mm
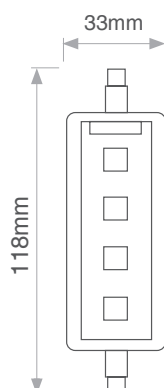
PROREALITY
LED LAMPS

The Pro Reality ranges 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 Pro Reality lamps crisp, superior light is perfect for lighting retail displays, food, cuisine and art. Retail lighting requires perfect colour render

The perfect colour spectrum brings out the vividness of the colours and the clean light brings out the contrast. The Pro Reality lamps will showcase products, food or art at its very best creating the best visual experience.

The Pro Reality range is designed to match a halogen lamp in terms of light source and aesthetics. We achieved this by using a sin gle Cree LED chip and building the reflector around it. They are our most powerful LED lamps yet, but with the benefit of being energy efficient, all complying to the 2013 Part L regulations. The Lamps high lumen output make them ideal for lighting large spaces and high ceilings.

PRO REALITY
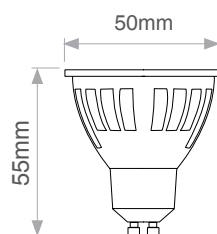
GU10 9W
Dimmable

- Replicates halogen reflector
- Colour Rendering Index of 93
- LED positioned further back for anti glare
- Complies with 2013 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

LED GU10 9W 10°

m	12°	lux 800lm
1	0.19	9157
2	0.8	2289
3	0.57	1017
4	0.76	572
5	0.95	366

LED GU10 9W 45°

m	45°	lux 800lm
1	0.45	2663
2	0.90	665
3	1.36	295
4	1.81	166
5	2.26	106

50mm

85mm
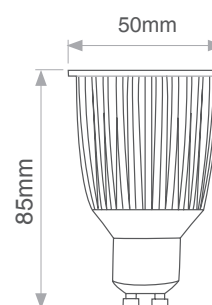
PRO REALITY

GU10 5W
Dimmable

- Replicates halogen reflector
- Colour Rendering Index of 93
- LED positioned further back for anti glare
- Complies with 2013 Part L regulations
- Fully dimmable with leading & trailing edge dimmers
- Equivalent to 50W GU10
- Fits GU10 lampholder
- Emergency option available
- Cree LED CHIP

Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
PRO RETRO5 I45D	5W	2700K	470	93	45°	93	GU10	Yes
PRO RETRO5 W45D	5W	3000K	470	93	45°	93	GU10	Yes
PRO RETRO5 C45D	5W	4000K	470	93	45°	93	GU10	Yes

LED GU10 5W 45°

m	45°	lux 470lm
1	0.83	978
2	1.66	237
3	2.49	105
4	3.31	58
5	4.14	37

50mm

55mm

PRO REALITY

GU10 7W
Dimmable

- Replicates halogen reflector
- Colour Rendering Index of 93
- LED positioned further back for anti glare
- Complies with 2013 Part L regulations
- Fully dimmable with leading & trailing edge dimmers
- Equivalent to 100W Halogen
- Fits 50mm Downlight
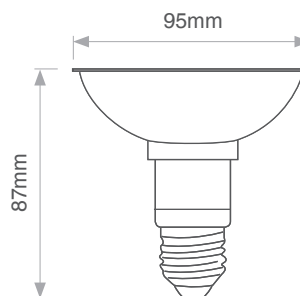- LED Chip 10° : CREE MHD-G 7070 chip
- LED Chip 45° : CREE CXA1820 chip

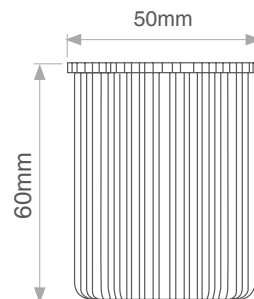| Product Code	Wattage	Colour Temp	Lumens	Lumens per Watt	Beam angle	CRI	Lamp holder	Dimming
PRO REAL MR1610D	9W	3000K	800	89	10°	93	MR16	Yes
PRO REAL MR1645D	9W	3000K	800	89	45°	93	MR16	Yes

LED MR16 9W 10°

m	12°	lux 800lm
1	0.20	8166
2	0.41	2041
3	0.61	907
4	0.82	510
5	1.02	326

LED MR16 9W 45°

m	45°	lux 800lm
1	0.52	2345
2	1.03	586
3	1.55	260
4	2.07	146
5	2.58	93

50mm

58mm
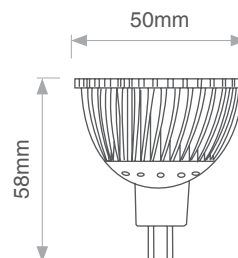
PRO REALITY

PAR30 12W
Dimmable

- Replicates halogen reflector
- Colour Rendering Index of 93
- LED positioned further back for anti glare
- Complies with 2013 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

LED PAR30 12W 15°

m	12°	lux 850lm
1	0.18	8410
2	0.35	2102
3	0.71	934
4	0.89	525
5	1.06	336

LED PAR30 12W 35°

m	35°	lux 850lm
1	0.36	4251
2	0.71	1062
3	1.07	472
4	1.42	265
5	1.78	170

95mm

87mm

PRO REALITY

MODULE 50 10W
Dimmable

- Replicates halogen reflector
- Colour Rendering Index of 93
- LED positioned further back for anti glare
- Complies with 2013 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

LED MODULE 15W 10°

m	10°	lux 1400lm
1	0.28	4468
2	0.55	1240
3	0.83	562
4	1.11	364
5	1.39	206

LED MODULE 15W 45°

m	45°	lux 1400lm
1	0.49	1785
2	0.98	496
3	1.48	175
4	1.97	105
5	2.46	69

50mm

60mm

PRO REALITY

MODULE 35 8W
Dimmable

- Replicates a halogen reflector
- LED positioned further back for anti-glare
- Complies with October 2010 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

LED MODULE 8W 35°

m	24°	lux 700lm
1	0.46	2435
2	0.92	597
3	1.37	280
4	1.83	158
5	2.29	100

35mm

60mm
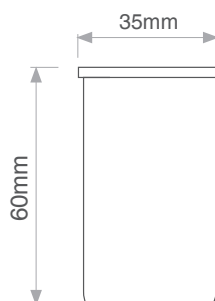
REALITY
ATMOSPHERE
LED LAMPS

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 interi

ors, 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.
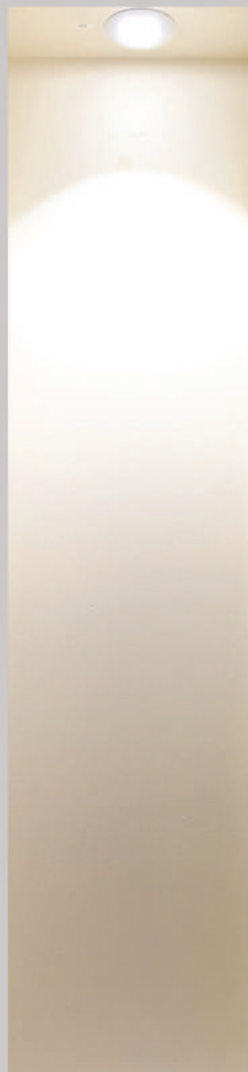
Reality Atmosphere
Full Brightness
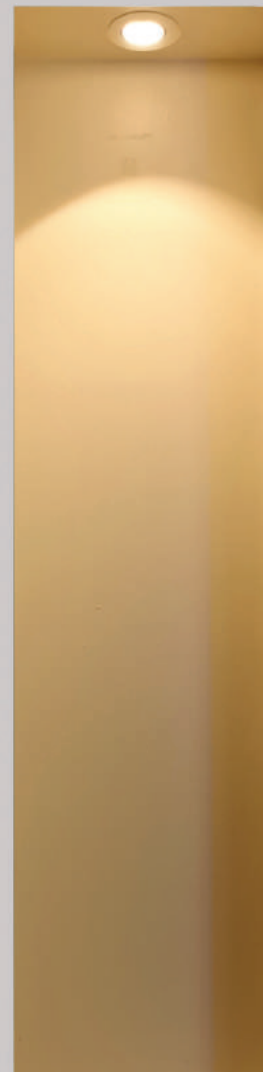
Reality Atmosphere
Dimmed

ledunited

REALITY **ATMOSPHERE**
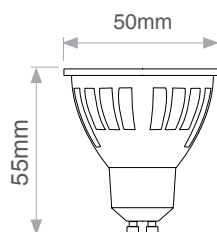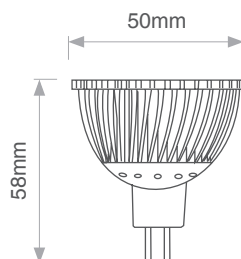
GU10 7W
Dimmable

- 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

LED GU10 8W 45°

m	45°	lux 540lm
1	0.72	1001
2	1.44	250
3	2.17	111
4	2.89	62
5	3.61	40

50mm

85mm

ledunited
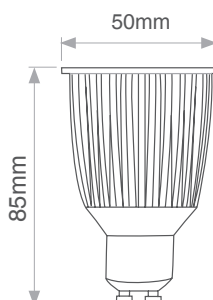
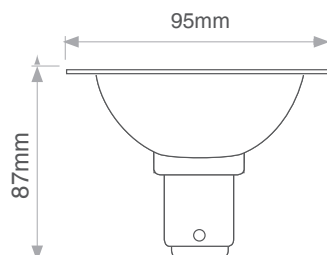# REALITY **ATMOSPHERE**

GU10 5W
Dimmable

- Dim to Warm 3000K - 2800K
- 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

LED GU10 5W 45°

m	45°	lux 400lm
1	0.78	612
2	1.56	153
3	2.34	68
4	3.12	38
5	3.89	24

50mm

55mm

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 MR16 8W	8W	3000K - 2000K	540	68	45°	95	GU5.3	Yes

LED MR16 8W 45°

m	45°	lux 540lm
1	0.72	1001
2	1.44	250
3	2.17	111
4	2.89	62
5	3.61	40

50mm

58mm

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 AR70D	8W	3000K - 2000K	**480**	**60**	35°	95	SBC	Yes

LED AR70 8W 35°

m	35°	lux 480lm
1	0.61	1009
2	1.21	252
3	1.82	112
4	2.42	63
5	3.03	40

95mm

87mm

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 GU10 7W 45°

m	45°	lux 630lm
1	0.40	1649
2	0.81	412
3	1.21	183
4	1.61	103
5	2.02	65

110mm

67mm
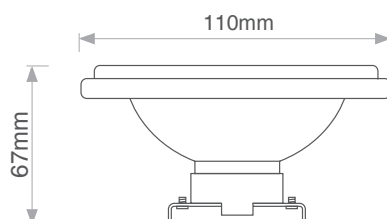
LED **CONTRACT**
ENCLOSED FITTING LAMPS

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.
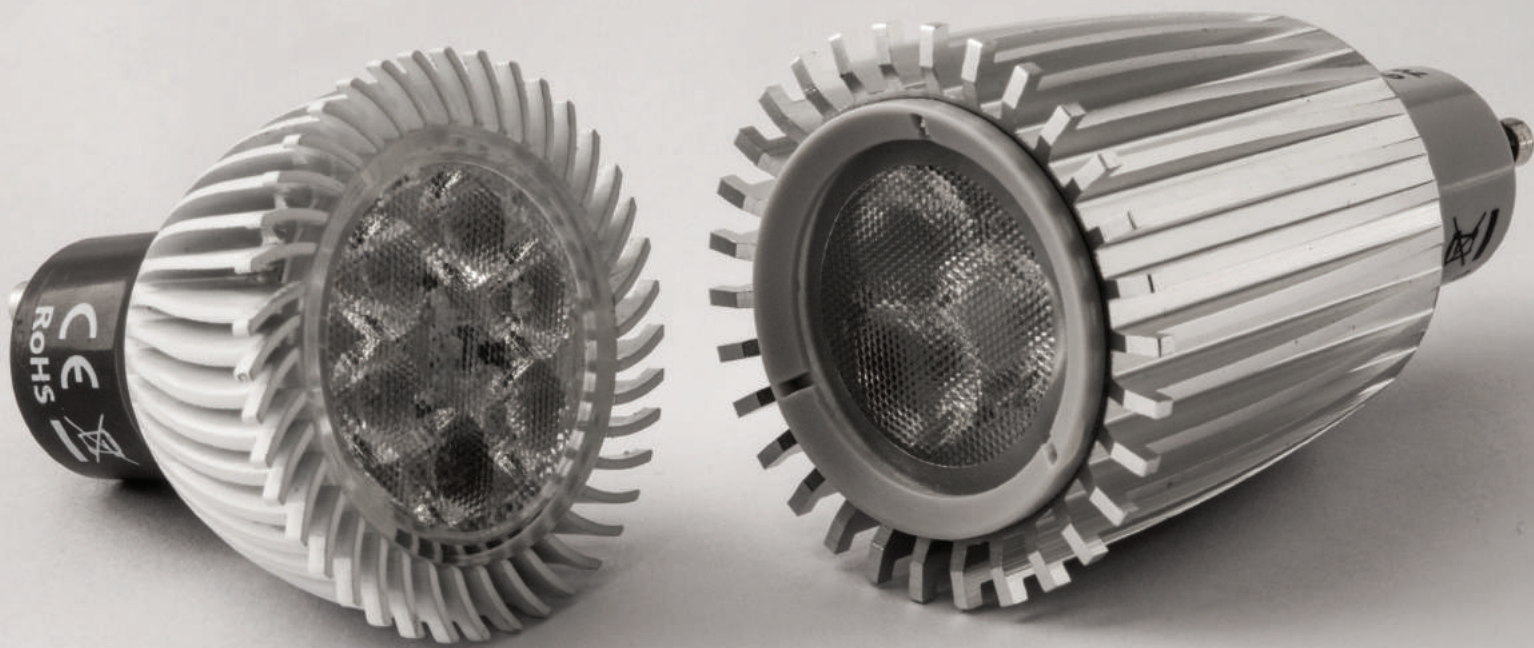
LED **CONTRACT**

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 GU10 6W 24°

m	24°	lux 420lm
1	0.42	1560
2	1.83	395
3	1.25	180
4	1.66	100
5	2.07	66

LED GU10 6W 45°

m	45°	lux 420lm
1	0.83	681
2	1.66	173
3	2.49	95
4	3.31	42
5	4.14	26

49mm

56.5mm

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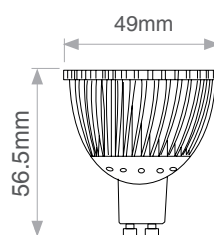
LED **CONTRACT**

GU10 6W
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

50mm

85mm
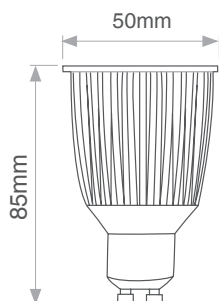
LED **GLASS**

DIMMABLE LED LAMPS

Glass Dimmable retrofit lamps featuring a full glass body to mimic exact shape and size as a halogen GU10 lamp but featuring the latest low energy LED technology. 25,000 hours estimated life.

![ledunited logo with red, green, blue stars]

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 GU10 5W 35°

m	35°	lux 700lm
1	0.64	680
2	1.28	170
3	1.93	75
4	2.57	42
5	3.21	27

50mm

54mm
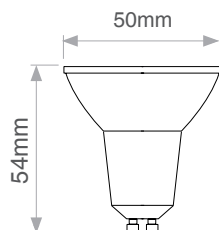
Dynamic White

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 exited 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.

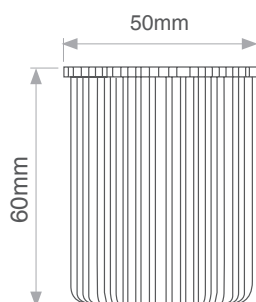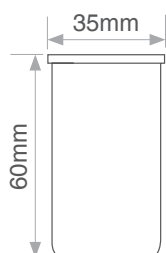6500K   4000K   3000K   2700K

Dynamic White

MODULE 8.5W
Dimmable

- Colour temperature adjustable from 2700K - 6500K
- Complies with 2013 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

50mm

60mm

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

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Dynamic White

MODULE 8.5W 24V
Dimmable

- Colour temperature adjustable from 2700K - 6500K
- Complies with 2013 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 MR11	6W	6500K - 2700K	462	77	45°	80	-	Yes

35mm

60mm

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 2013 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
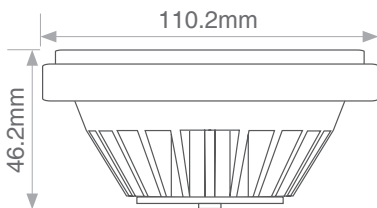
110.2mm

46.2mm

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)
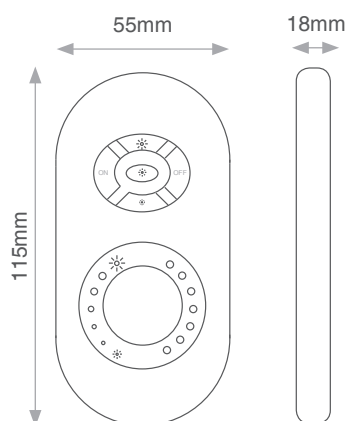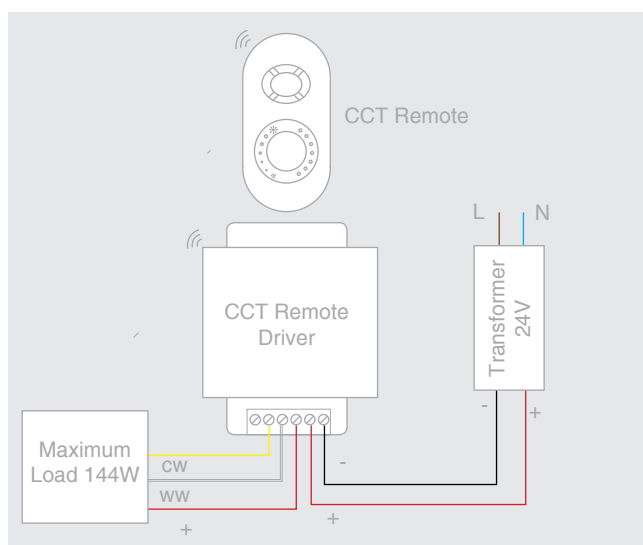- Output power: 12V<96W, 24V<192W

Product Code : LEDP CCT DIM

86mm   37mm

86mm

M

L   N

CCT Touch Panel Controller

Transformer 24V

Maximum Load 192W

cw

ww

+

-

+

-

+
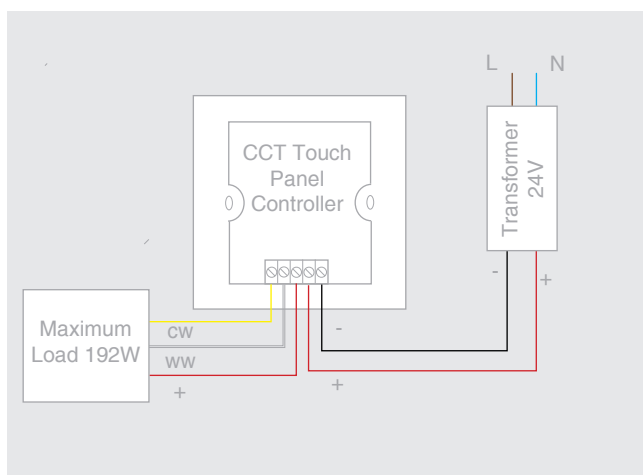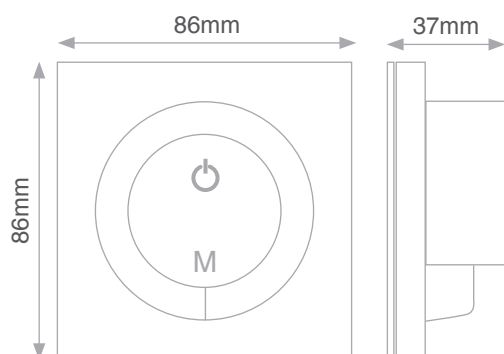
B. CCT Adjustable Remote

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

55mm   18mm

115mm

ON   OFF

CCT Remote

L   N

CCT Remote Driver

Transformer 24V

Maximum Load 144W

cw

ww

+

-

+

-

+

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
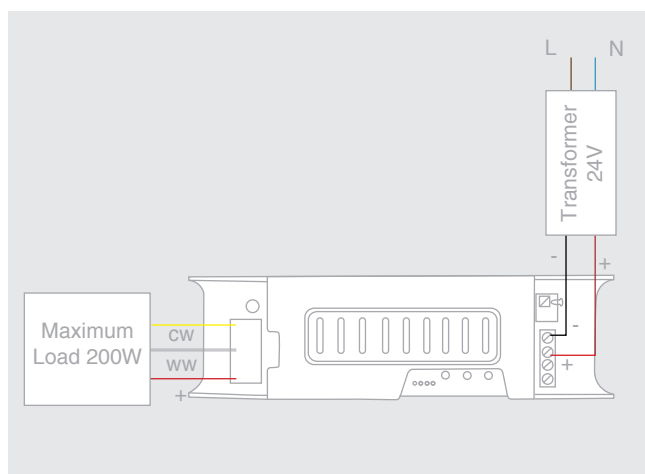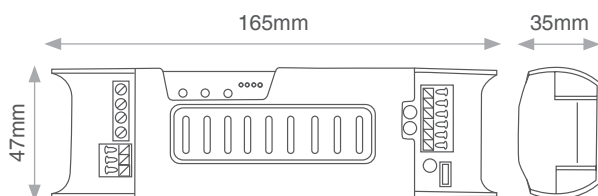
165mm   35mm

47mm

L   N

Transformer 24V

Maximum
Load 200W

CW

WW

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.

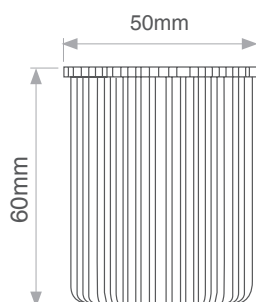RGB   3000K

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

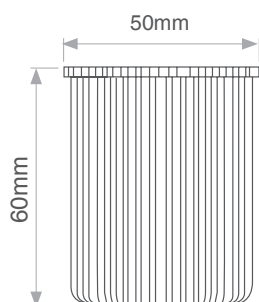|	
25W 24V Parallel	RS2524
50W 24V Parallel	RS5024
100W 24V Parallel	RS10024
150W 24V Parallel	RS15024

ledunited

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

50mm

60mm

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**
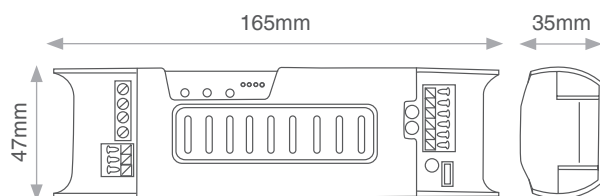
165mm 35mm

47mm

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

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