

Best of Both Worlds

Sustainable interiors can look stunning
too with VIO LED Downlight Solutions



Vio  LED technology only from GE
The look that lasts.™

 GE imagination at work



Stunning AND Sustainable...

Whether it's a domestic project like an extension or a loft conversion, or a professional building like a new boutique hotel, today's modern interiors are expected to look stunning and high end, yet at the same time save energy and be maintenance-free. LED lighting technology is now revolutionising our ability to design more sustainable buildings. Now, thanks to GE's award winning Vio LED technology, sustainable interiors can look stunning too...



Sustainable farmhouse, Wiltshire, UK As featured on 'Grand Designs', TV programme



Award Winning LED Technology

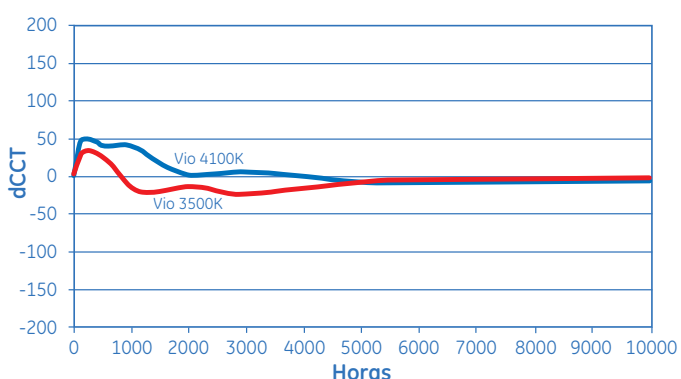
GE's award winning Vio™ LED technology famous for its superb quality of light, and unprecedented colour stability through life. It also offers a wide viewing angle with excellent colour uniformity across the field of view.

GE has now developed this technology into a range of modular downlight solutions with attractive reflector optics, which allow installations to achieve a sophisticated, upmarket appeal.

The range includes:

- 3.6W MR16 modules, with 50mm diameter, that can easily be used in place of a 50mm halogen MR16 lamp, offering excellent quality of light and substantial energy saving possibilities.
- 3.6W MR16 downlight kits, packaged with a range of accessories including module, bezel, springs, connector and driver
- 7.2W modular downlights

Colour Stability Over Time



Vio™ LED technology combines efficient 405nm violet chips with unique GE phosphors. The result is a very stable, high quality white light. With a colour shift of less than 75 Kelvin over 50,000 hours, Vio LEDs can be used with confidence in general illumination applications.

Vio LED Downlight Solutions

Vio LED 3.6W MR16 Modules

- Replace MR16 lamps in recessed downlight and spotlighting applications, giving excellent visual comfort
- 3.6 Watts for optimised energy saving
- Runs from 350mA constant current DC supply – compatible with range of LED drivers
- Dimensions smaller than MR16 lamp – same diameter, shallower depth
- Vio quality and stability of light – only available from GE
- 50,000 hour L70 lifetime
- High colour rendering index option
- Choice of three colour temperatures
- Attractive 'faceted reflector' appearance similar to halogen



Vio LED 4W MR16 Downlight Kits

- Packaged kit comprising Vio MR16 Module, vented bezel, recess mounting springs, connector cable and high efficiency 350mA driver
- Attractive 'hanging box' package, ideal for presentation in trade counter and DIY store displays
- Full graphical instructions included for easy installation



Vio LED 7.2W Assembled Downlights

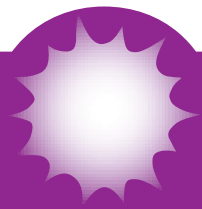
- Fully assembled downlight including faceted reflector, heatsink, connector and bezel/spring assembly
- Compact 67mm reflector diameter for attractive visual appeal
- 27 degree beam gives additional punch
- Vio quality and stability of light – only available from GE
- 50,000 hour L70 lifetime
- High colour rendering index option
- Choice of three colour temperatures

350mA drivers for Vio LEDs

- Compact packaged drivers for reliable operation of Vio LED products.
- Versions to run 1 x 3.6W and 2 x 2.6W or 1 x 7.2W
- High efficiency and power factor
- Class II SELV equivalent



Product Specifications



Vio LED 3.6W MR16 Modules

Product Description	Candela (cd)	Beam angle	CCT (K)	CRI (Ra)	Life (L70, h)	Reflector Diameter (mm)	Length (mm)	Pack Qty	Product Code
VIO/G4/MODULE/3.6W/830	240	36	3000	85+	50000	50	40	10	77476
VIO/G4/MODULE/3.6W/835	250	36	3500	85+	50000	50	40	10	77477
VIO/G4/MODULE/3.6W/841	270	36	4100	85+	50000	50	40	10	77481
VIO/G4/MODULE/3.6W/730	280	36	3000	70+	50000	50	40	10	77499
VIO/G4/MODULE/3.6W/735	310	36	3500	70+	50000	50	40	10	77502
VIO/G4/MODULE/3.6W/741	325	36	4100	70+	50000	50	40	10	77503
VIO/MODULE/CON	Connector cable							10	77526

Vio LED 4W MR16 Downlight Kits

Product Description	Candela (cd)	Beam angle	CCT (K)	CRI (Ra)	Life (B50, h)	Reflector Diameter (mm)	Length (mm)	Pack Qty	Product Code
VIO/G4/MODULE KIT G4/3.6W/830	240	36	3000	85+	50000	50	40	5	79320
VIO/G4/MODULE KIT G4/3.6W/835	270	36	4100	85+	50000	50	40	5	79321

Vio LED 7.2W Assembled Downlights

Product Description	Candela (cd)	Beam angle	CCT (K)	CRI (Ra)	Life (B50, h)	Reflector Diameter (mm)	Length (mm)	Pack Qty	Product Code
VIO/G8/MODULE/7.2W/830	600	27	3000	85+	50000	67	69	10	77504
VIO/G8/MODULE/7.2W/835	660	27	3500	85+	50000	67	69	10	77519
VIO/G8/MODULE/7.2W/841	680	27	4100	85+	50000	67	69	10	77520
VIO/G8/MODULE/7.2W/730	720	27	3000	70+	50000	67	69	10	77523
VIO/G8/MODULE/7.2W/735	840	27	3500	70+	50000	67	69	10	77524
VIO/G8/MODULE/7.2W/741	790	27	4100	70+	50000	67	69	10	77525

350mA Drivers for Vio LEDs

Product code	7935	7936
Description	GE005/G/C350T1-A	GE010/G/C350T1-A
Nominal input voltage	220-240V	
Maximum input current	0.07A	
Nominal input frequency	50Hz	
Output current	350mA	
Efficiency	75%	80%
Power Factor	>0.7	>0.8
Minimum wattage load	1.2W	6W
Maximum wattage load	5W	10W
Operating environment	-20 to +40°C, H up to 90	
Dimensions (L x W x H)	136.5 x 47 x 32 mm	
CE rating	Class II (SELV equivalent)	
Certifications	CE, RoHS	
Compliant standards	EN 61347-2-13; EN 6100-3-2 Class C	

Accessories for Vio Modules & Downlights

Product Description	Candela (cd)	Pack Qty
VIO/MODULE/CON	Double-insulated connector cable and plug	10
VIO/MODULE/BEZEL/SATINWHITE/RAL9010/NV	Standard bezel	10
VIO/MODULE/BEZEL/SATINWHITE/RAL9010/V	Vented bezel	10
VIO/G4/SPRINGS	Recess Mounting springs	20