![G Goodlight™]

2D LED Lamp
with G|Sense

KEY FEATURES

Available in Standard, Sensor, Emergency and Sensor & Emergency

Unique, controllable 3-in-1 LED lamp

Built-in occupancy sensor (optional)

Built-in emergency battery pack (optional)

Retrofits into existing fitting

Quickest 2D LED retrofit - less than 15mins to install!

MAINTENANCE SAVINGS

>90%

ENERGY SAVINGS

>65%

5 YEAR GUARANTEE

50,000 HOURS

INSTANT ON

FLICKER FREE

NO MERCURY GAS

Winner
Electrical Industry
Awards 2013
Most Innovative
Lighting Product

Voted
Best 2D Retrofit
Lux
Magazine

Goodlight™

2D LED Lamp

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The ultimate retrofit 2D LED Lamp replacement with 4 modes

With our latest retrofit innovation, The Goodlight™ 2D LED Lamp brings you a complete replacement option by introducing an unrivalled, controllable '3-in-1' lamp, in an incredibly compact form. It delivers a better quality of light than traditional CFL lamps, using a mere 12W, providing up to 65% savings in costs and carbon and up to 90% in maintenance.

The range utilises our unique G-Sense technology, a series of discreet, built-in modules that add extra functionality into the 2D LED Lamp:

SENSOR A built-in occupancy detector (microwave) that will switch the lamp on instantly to full brightness. When no movement is detected, the lamp automatically dims to 4W, allowing for a minimum level of security or 'comfort' lighting, always. The sensor can be preset or adjusted to meet user requirements - with activation 6-8m away and hold times of up to 10 minutes.

EMERGENCY This allows for the lamp to operate in the event of a mains failure, without the need to connect to an external battery pack, for over 3 hours. A rechargeable battery module is built-in to the back of the lamp, with no external wiring or configuration needed.

Goodlight™

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ELECTRICAL PARAMETERS

Input Voltage	100V - 240V AC
Frequency	50Hz – 60Hz
Power Factor	>0.95
Operating Temp	-20°C to 40°C
Housing	Aluminium, PC
Connector	2/4 Pin
Beam Angle	120°
CRI (Ra)	>80
IP Rating	IP20
Dimmable	Dimming function available in Sensor modes only
Lifespan	50,000 Hours
Lumens per Watt (up to)	130Lm/W
Complies with	EN60968-1:2004+A1:2006, EN62031:2008, EN62471:2008, EN55015/A2:2009, EN61000-3-3:2008, EN61000-3-2/A2:2009

Easily adjust settings with a screwdriver

Integral Sensor

240mm

240mm

Built-in Battery Module
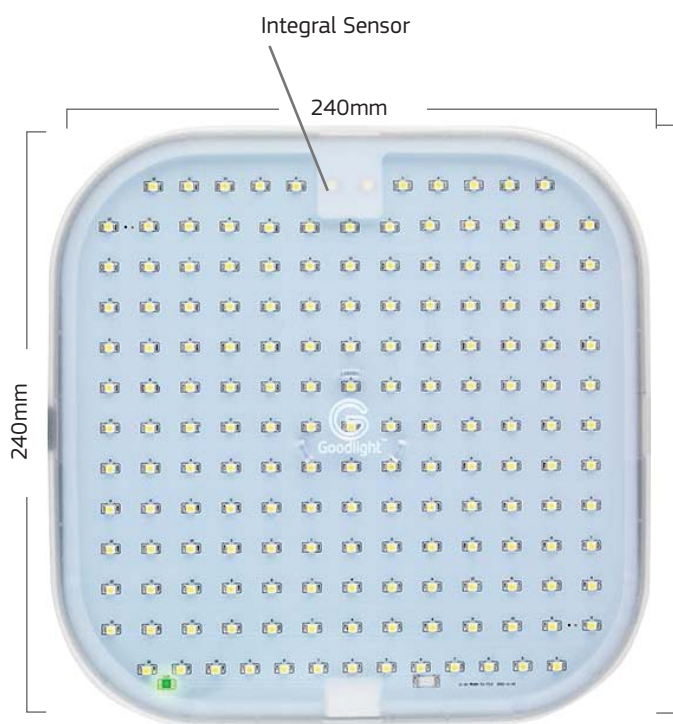
2D LED Lamp
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TECHNICAL DETAILS

MODEL	WATTAGE	WEIGHT	PRODUCT CODE	COLOUR TEMPERATURE	LUMENS	LUMINANCE CONE
Standard	12W	400g	2DLED1202ST	Daylight (6,000K)	1,560	1m 538lx / 2m 137lx / 3m 63lx
			2DLED1201ST	Natural (4,500K)	1,480	
			2DLED1203ST	Warm (3,000K)	1,410	
G|Sense Emergency	4W/12W	520g	2DLED1202EMG	Daylight (6,000K)	520	1m 74lx / 2m 17lx / 3m 9lx (Emergency Mode)
			2DLED1201EMG	Natural (4,500K)	495	
			2DLED1203EMG	Warm (3,000K)	470	
G|Sense Sensor	12W	435g	2DLED1202SN	Daylight (6,000K)	1,560	1m 538lx / 2m 137lx / 3m 63lx
			2DLED1201SN	Natural (4,500K)	1,480	
			2DLED1203SN	Warm (3,000K)	1,410	
G|Sense Sensor + Emergency	12W	550g	2DLED1202ST	Daylight (6,000K)	1,560	1m 538lx / 2m 137lx / 3m 63lx
			2DLED1201ST	Natural 4,500K)	1,480	
			2DLED1203ST	Warm (3,000K)	1,410	

*Photometric data available on request.

Test Conditions: Dark room, single lamp only.

2D Standard & Sensor Wiring Diagram:

85-265V(AC)
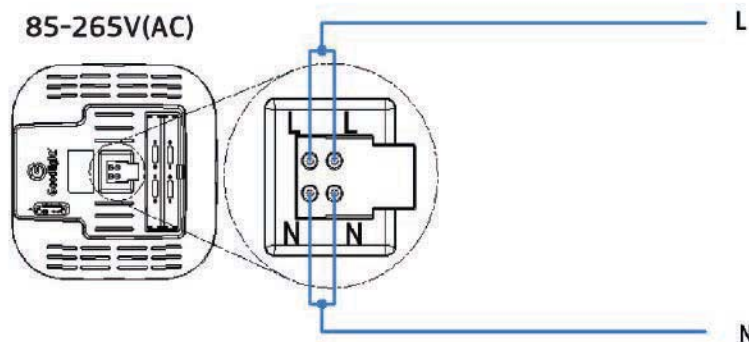
2D Emergency Wiring Diagram:

85-265V(AC)