



**HALERS LIGHTING**  
2011<sup>V2</sup>

**HALERS**  
LIGHTING



	Bathroom zone	Badbereichsfreijabe tone	Zone salle de bains	Zona bagno
	Beam angle	Abstrahlwinkel	Angle de faisceau	Apertura angolare
	Cut out	Ausschnittgröße	Encastrement	Diametro foro da praticare
	Dimming	Dimmbar	Gradable	Dimmeraggio
	Emergency	Notfall	Évacuation	Emergenza
	Eulumdat files available	Eulumdat - Daten verfügbar	Fichier Eulumdat disponible	File Eulumdat disponibile
	IES files available	IES - Daten verfügbar	Fichier IES disponible	File IES disponibile
	IP rating	Schutzgrad	IP	Grado di protezione IP
	Lux level at 1m	Lux auf 1m	Lux a 1m	Livello di Lux 1m
	Lumens	Lumens	Lumens	Lumens
	Lumens per watt	Lumen/Watt	Lumens par Watt	Lumen/Watt
	Straight to mains	230V Anschluss	230V direct	Alimentazione diretta dalla rete
	ta. max ambient temperature tc. max case temperature	ta. Höchstumgebungstemperatur tc. Höchstbetriebstemperatur	ta. Température maximale ambiante tc. Température maximale du produit	ta - temperatura ambientale massima tc - temperatura dell'involucro massima
	Life of product in hours	Mittlere Lebensdauer	Durée du produit en heures	Durata del prodotto in ore
	Wattage	Leistung	Puissance	Potenza in watt
	No Ultra Violet	keine UV-Strahlung	Sans ultra violet	Non emette raggi UV



## CONTENTS

Zona de baño	Badrums Zon
Ángulo de la luz	Spridningsvinkel
Agujero de empotrar	Håltagning
Regulable	Dimring
Emergencia	Nödfall
Se suministran archivos Eulumdat	Filer för spridningsvinkel finns
Se suministran archivos IES	IES filer finns tillgängliga
Valor IP	IP Klass
Nivel de Lux 1m	Lux värde på 1m
Lúmenes	Lumens
Lúmenes por vatio	Lumens per watt
Directo a 230V	230v direkt
ta. Temperatura ambiental máxima tc. Temperatura máxima de la luminaria	ta. maximala omgivande temperaturen tc. maximala fall temperatur
Duración del producto en horas	Produktens livstid i timmar
Vatios	Watt
No ultravioleta	Ingen UV-strålning

### 2. Concept

### 4. Halers EvoLED

- 6. Product codes & order info.
- 8. Photometry
- 10. Gallery

### 12. Halers EvoLED LOW GLARE

- 14. Photometry

### 16. Revo II

- 18. Photometry

### 20. MASTER LEDSPOT GU10 40°

### 22. MASTER LEDSPOT GU10 25°

### 23. NOVALLURE B35

### 24. Information

### 25. Halers EvoLED cost/carbon calculator

## The Concept

**Save up to £92.81** per fitting per year (see page 25)

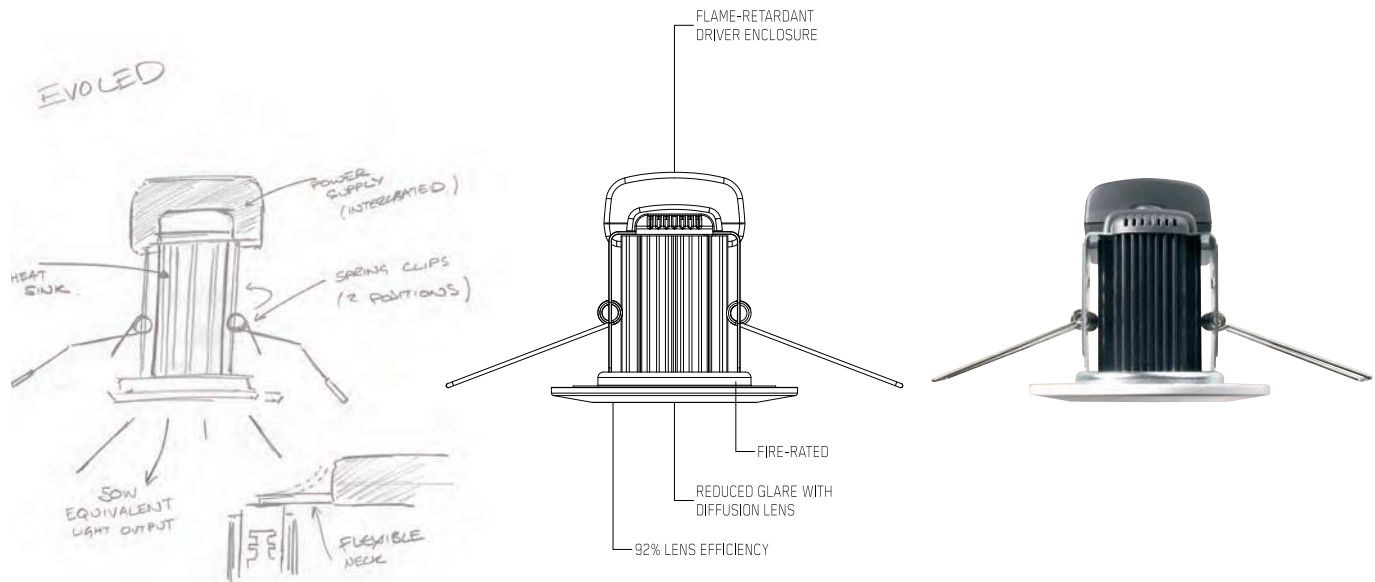


HALERS EVOLED NW (4000° kelvin)  
at a private residence



## Why

The halogen lamp, with its convenient size, simple installation and a good light output is one of the most popular lamps in the world. Over 100 million are sold every year. A halogen lamp however, is a very inefficient light source; a 50W halogen actually uses up to 75W of power, due to the transformer. It also has a very short life, resulting in regular expensive maintenance and replacement lamp expenditure. The Halers EvoLED, is designed to retain all the positives of a halogen, with none of the associated drawbacks. For instance, at only 7.9W, it uses 1/10th of the power of a halogen (50W) installation.



## How

Using the most advanced LED technology, and drawing upon its 10 years of LED experience, Halers Lighting have created the Halers EvoLED. The Halers EvoLED incorporates patented technology which ensures exceptional long life through ingenious heat management. Ground-breaking optics produce a perfect 34° beam with virtually no loss of light output. At the forefront of LED electronics, Halers Lighting has worked extensively to pioneer a functional mains dimming driver that works with both leading and trailing edge dimmers. All of this combines to produce an efficient, high power LED luminaire which makes retrofit a realistic and trouble free option.

## Wow

Halers EvoLED is 90% more efficient than a halogen option, and lasts 30 times longer, saving time, money and maintenance, whilst dramatically reducing carbon emissions, landfill waste and hazardous materials entering the ecosystem.

**Features include.** Integrated LED driver, Part B, C, E, L, & P compliance, Fire-rated, IP65 as standard, straight to mains installation and only 7.9W power consumption (10W dim)

## Halers EvoLED

IP65, fire-rated LED downlight

save  
90%

NW

### Features

- ° Integrated LED driver.
- ° Adjustable driver position.
- ° 2 position retaining clips.
- ° Meets building regulations.
- ° Fire-Rated.
- ° IP65 as standard.
- ° Various colours and finishes.
- ° Unique lens design.
- ° 34° beam angle.
- ° Mains dimmable.
- ° Flexible cut-out size.
- ° Flying lead fitted.
- ° Double insulated.
- ° 450 lumen output.
- ° 7.9W power consumption.
- ° Soft start.
- ° CRI. 70.
- ° Fast return on investment.
- ° Safety Extra Low Voltage (SELV)

### Benefits

- ° Straight to mains connection.
- ° Flexibility during installation.
- ° 6-35mm ceiling thicknesses.
- ° Part B, C, E, L, & P compliance.
- ° For 30, 60 & 90 min ceilings.
- ° Product fits all applications.
- ° For all decorative requirements.
- ° 92% efficient lens.
- ° Wide spread of light.
- ° 0-100% dimming control.
- ° Fits a 60-70mm cut-out.
- ° Reduced installation time.
- ° No earthing required.
- ° Brighter than an 50W Halogen.
- ° Surpasses energy and efficacy requirements for part L.
- ° 90% energy saving (non dim)
- ° Immediate cost saving.
- ° Increased safety in vulnerable environments.

**Save up to 5 lamps**

replaced per year (see page 25)

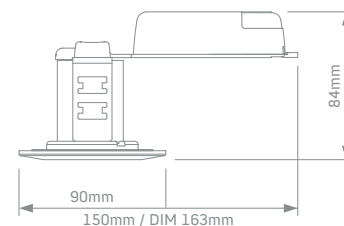


Halers EvoLED




High quality is often an overused term. At Halers Lighting however, producing top quality light fittings is what we do. Precision engineering, rigorous QC procedures, and only the very best base parts and components are selected and combined with exceptional workmanship to create lighting of the finest quality. High technology, pioneering spirit and the quest for perfection are the basic elements of all Halers Lighting luminaries.

## STANDARD & MAINS DIMMABLE VERSIONS AVAILABLE

**dim clever**  
0-100% flicker free dimming



HALERS EVOLED NW (4000° kelvin) at Inglorious Rebel, Leicestershire

NW						WW			
									
									

Lux/Lumen readings refer to non dimming Halers EvoLED. See website for full specifications

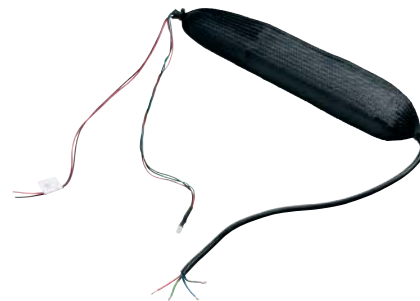
**7seven**  
year extended warranty



## Halers EvoLED finishes



## DL/M/EMERGENCY PACK



The maintained through-hole DL/M/EMERGENCY PACK is designed to be used in conjunction with the Halers EvoLED. When in emergency mode, the pack will power the Halers EvoLED at 80mA, providing approximately 10% of the light output when compared to normal running of the Halers EvoLED.

- ° Can be used in conjunction with other light fittings using between 1 & 3 high power LEDs.
- ° Will provide a minimum of 3 hours of emergency lighting.
- ° Has a green indicator light indicates charging of the batteries.

## DL/CONVERT



Hole converter plate – The power of the Halers EvoLED allows retrofit into locations where larger downlights were previously installed. To aid installation, Halers Lighting has designed a hole converter plate in, allowing the Halers EvoLED to be placed into ceiling holes up to 150mm in diameter. Halers EvoLED sold separately.

Available in - Matt Black, Chrome, Polished Gold, Silver and White finishes.



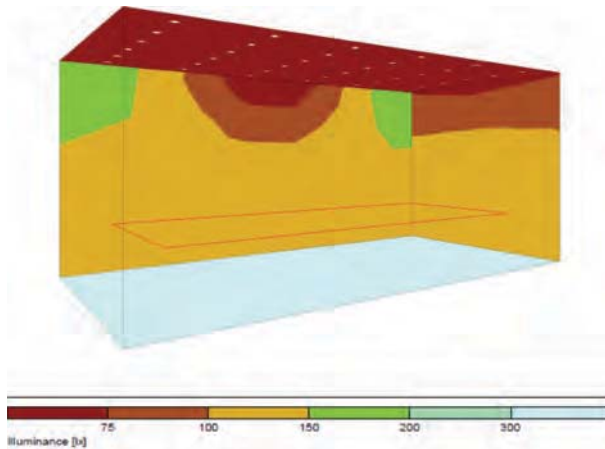
## Product codes & Varieties

code	description	dimensions	cut-out	trade price
DL/BA/F/NW	Brushed Alu IP65 fire-rated downlight. 34° beam LED in neutral white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/BLK/F/NW	Matt Black IP65 fire-rated downlight. 34° beam LED in neutral white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/CR/F/NW	Chrome IP65 fire-rated downlight. 34° beam LED in neutral white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/SIL/F/NW	Silver IP65 fire-rated downlight. 34° beam LED in neutral white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/PG/F/NW	Polished Gold IP65 fire-rated downlight. 34° beam LED in neutral white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/WH/F/NW	White IP65 fire-rated downlight. 34° beam LED in neutral white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/BA/F/WW	Brushed Alu IP65 fire-rated downlight. 34° beam LED in warm white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/BLK/F/WW	Matt Black IP65 fire-rated downlight. 34° beam LED in warm white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/CR/F/WW	Chrome IP65 fire-rated downlight. 34° beam LED in warm white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/SIL/F/WW	Silver IP65 fire-rated downlight. 34° beam LED in warm white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/PG/F/WW	Polished Gold IP65 fire-rated downlight. 34° beam LED in warm white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/WH/F/WW	White IP65 fire-rated downlight. 34° beam LED in warm white	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/BA/F/NW/DIM	Brushed Alu IP65 fire-rated downlight. 34° beam LED, neutral white, dimming	Ø 90 x h 84mm	Ø 60-70mm	£55.00
DL/BLK/F/NW/DIM	Matt Black IP65 fire-rated downlight. 34° beam LED, neutral white, dimming	Ø 90 x h 84mm	Ø 60-70mm	£67.00
DL/CR/F/NW/DIM	Chrome IP65 fire-rated downlight. 34° beam LED, neutral white, dimming	Ø 90 x h 84mm	Ø 60-70mm	£67.00
DL/SIL/F/NW/DIM	Silver IP65 fire-rated downlight. 34° beam LED, neutral white, dimming	Ø 90 x h 84mm	Ø 60-70mm	£67.00
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DL/BA/F/WW/DIM	Brushed Alu IP65 fire-rated downlight. 34° beam LED, warm white, dimming	Ø 90 x h 84mm	Ø 60-70mm	£67.00
DL/BLK/F/WW/DIM	Matt Black IP65 fire-rated downlight. 34° beam LED, warm white, dimming	Ø 90 x h 84mm	Ø 60-70mm	£67.00
DL/CR/F/WW/DIM	Chrome IP65 fire-rated downlight. 34° beam LED, warm white, dimming	Ø 90 x h 84mm	Ø 60-70mm	£67.00
DL/SIL/F/WW/DIM	Silver IP65 fire-rated downlight. 34° beam LED, warm white, dimming	Ø 90 x h 84mm	Ø 60-70mm	£67.00
DL/PG/F/WW/DIM	Polished Gold IP65 fire-rated downlight. 34° beam LED, warm white, dimming	Ø 90 x h 84mm	Ø 60-70mm	£67.00
DL/WH/F/WW/DIM	White IP65 fire-rated downlight. 34° beam LED, warm white, dimming	Ø 90 x h 84mm	Ø 60-70mm	£67.00
DL/M/EMERGENCY PACK	Maintained through hole emergency pack. 3 hour	Ø 60 x l 500mm	Ø 60mm+	£130.00
DL/CONVERT BLK	Matt Black hole conversion plate for extended retrofitting	Ø 170 x h 27mm	Ø 60-150mm	£13.00
DL/CONVERT CR	Chrome hole conversion plate for extended retrofitting	Ø 170 x h 27mm	Ø 60-150mm	£13.00
DL/CONVERT PG	Polished Gold hole conversion plate for extended retrofitting	Ø 170 x h 27mm	Ø 60-150mm	£13.00
DL/CONVERT SIL	Silver conversion plate for extended retrofitting	Ø 170 x h 27mm	Ø 60-150mm	£13.00
DL/CONVERT WH	White hole conversion plate for extended retrofitting	Ø 170 x h 27mm	Ø 60-150mm	£13.00

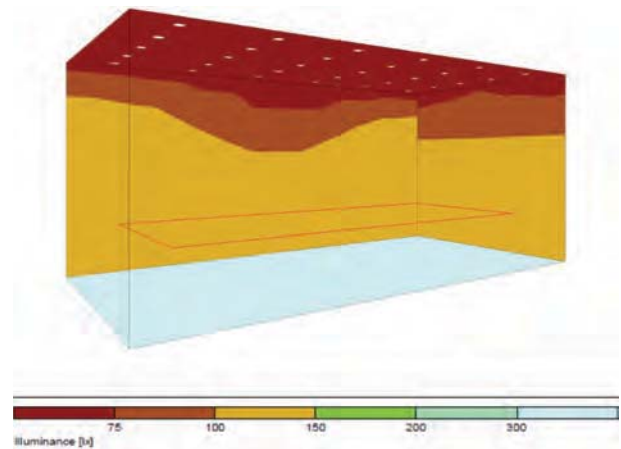
NB. WW refers to Warm White (3000° kelvin) NW refers to Neutral White (4000° kelvin) /DIM. Dimmable with leading and trailing edge

## Halers EvoLED photometry

### 50W GU10 Halogen



### Halers EvoLED



Example installation - 6 x 3 x 3m room.

Lux level required - 500lx on workplane

#### Results.

EvoLED (NW) - x 30 (240W)

Typical 50W GU10 - x 36 (1800W) - Save 1560W

## “How many lights do I need?”

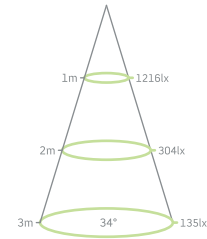
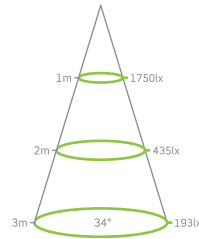
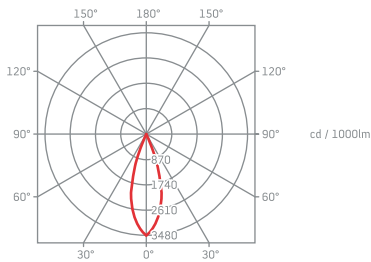
Visit [howmanylights.co.uk](http://howmanylights.co.uk) for interactive lighting and energy estimator

## Polar Curve

## Neutral white

## Warm white

Neutral white



Halers Lighting publish the exact light output details of our fittings, which are confirmed by independent 3<sup>rd</sup> party test houses, including the Photonics Cluster (UK), and The Lighting Association (UK). We test the 'Absolute Photometry' (LM79) at room temperature, of the complete fitting including driver. We believe that independent testing is the only solution to provide consumers with absolute confidence in our products. This has been driven by the current trend within the LED market for publishing unverified and misleading results.

Spec sheets  
IES files  
Eulumdat files  
BIM content

download at [halers.com](https://www.halers.com)

## 50W Halogen / Halers EvoLED comparison



50W halogen (3000° kelvin)  
at a private residence



HALERS EVOLED WW (3000° kelvin)  
at a private residence



HALERS EVOLED NW (4000° kelvin)  
at a private residence



50W halogen (3000° kelvin) at a private residence



HALERS EVOLED NW (4000° kelvin) at a private residence

These genuine photographs show the real life result of replacing 50W lamps with Halers Lighting's Halers EvoLED downlight.

# Halers EvoLED LOW GLARE

IP20 Adjustable mains dimming LED downlight

save  
90%

NW

## Features

- ° Tilt/Adjustable.
- ° Low-Glare.
- ° Integrated LED driver.
- ° Adjustable driver position.
- ° Retaining springs.
- ° Unique lens design.
- ° Mains dimmable.
- ° Highly accurate colour binning.
- ° Flexible cut-out size.
- ° Flying lead fitted.
- ° Double insulated.
- ° 380 lumen output.
- ° 10W power consumption.
- ° Soft start.
- ° CRI. 70.
- ° Fast return on investment.
- ° Safety Extra Low Voltage (SELV)

## Benefits

- ° Custom output angle.
- ° Install without light distraction.
- ° Straight to mains connection.
- ° Flexibility during installation.
- ° For various ceiling thicknesses.
- ° 92% efficient lens.
- ° 0-100% dimming control.
- ° Colour match across all LEDs.
- ° Fits a 90-100mm cut-out.
- ° Reduced installation time.
- ° No earthing required.
- ° Brighter than an 50W GU10.
- ° 90% energy saving.
- ° Immediate cost saving.
- ° Increased safety in vulnerable environments.



Halers EvoLED LOW GLARE White, Chrome, Polished gold and Black

The Low-Glare Halers EvoLED is a fully recessed low-glare directional downlight. The exclusive slim-line bezel ensures luxury aesthetics, while the deep 25mm black baffle reduces glare and ensures the light source is unseen. Ideally suited for use in restaurants, art galleries, museums, cinemas and anywhere lighting is required without the light source being noticed.

For further technical specifications please visit [halers.com](http://halers.com)

NW

WW

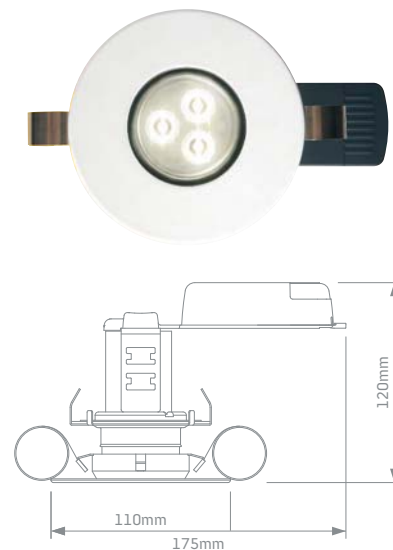
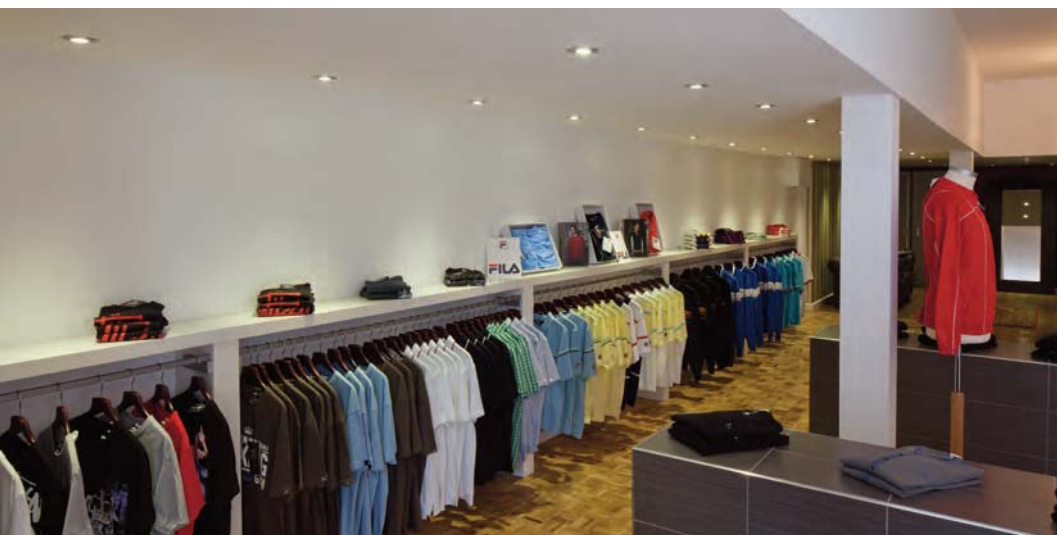
									
34°	90-100mm	dim	.ldt	.ies	IP20	1373lx @1	380lm	1260lx @1	270lm
									
	t <sub>a</sub> 40°C t <sub>c</sub> 70°C	±20°	Hr 75k	10w	NO UV	38lm pw		27lm pw	

Patent No. 2462155

0-100% MAINS DIMMABLE

dim clever  
0-100% flicker free dimming

7seven  
year extended  
warranty



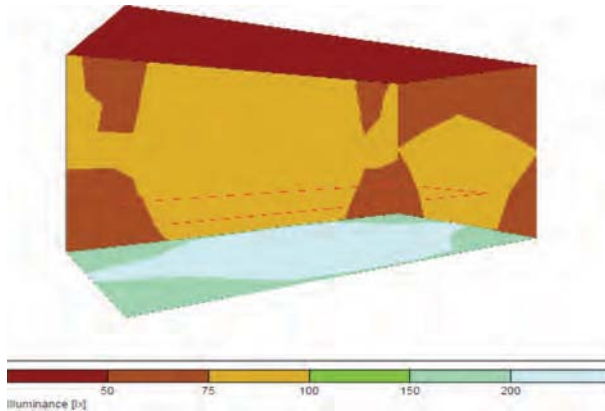
HALERS EVOLED NW (4000° kelvin) at Inglorious Rebel, Leicestershire

code	description	dimensions	cut-out	trade price
DL/01/WH/NW/DIM	White IP20 adjustable dimming downlight. 34° beam LED. Neutral white	Ø 110 x h 120mm	Ø 90-100mm	£100.00
DL/01/WH/WW/DIM	White IP20 adjustable dimming downlight. 34° beam LED. Warm white	Ø 110 x h 120mm	Ø 90-100mm	£100.00
DL/01/BLK/NW/DIM	Black IP20 adjustable dimming downlight. 34° beam LED. Neutral white	Ø 110 x h 120mm	Ø 90-100mm	£100.00
DL/01/BLK/WW/DIM	Black IP20 adjustable dimming downlight. 34° beam LED. Warm white	Ø 110 x h 120mm	Ø 90-100mm	£100.00
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DL/01/CR/WW/DIM	Chrome IP20 adjustable dimming downlight. 34° beam LED. Warm white	Ø 110 x h 120mm	Ø 90-100mm	£100.00
DL/01/PG/NW/DIM	Polished gold IP20 adjustable dimming downlight. 34° beam LED. Neutral white	Ø 110 x h 120mm	Ø 90-100mm	£100.00
DL/01/PG/WW/DIM	Polished gold IP20 adjustable dimming downlight. 34° beam LED. Warm white	Ø 110 x h 120mm	Ø 90-100mm	£100.00



## Halers EvoLED LOW GLARE photometry

### 50W Halogen (in low-glare housing)



**Example installation - 6 x 3 x 3m room.**

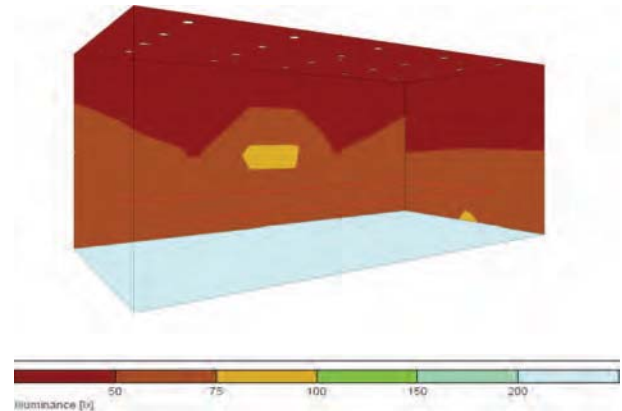
Lux level required - 200lx on workplane

#### Results.

EvoLED LG (NW) - x 16 (160W)

Typical LG 50W GU10 - x 16 (800W) - Save 640W

### Halers EvoLED LOW GLARE

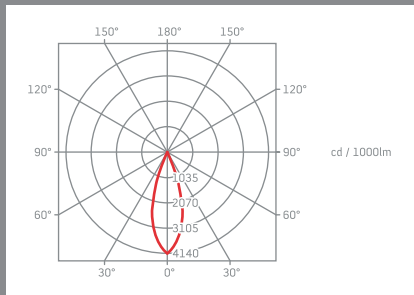


The Relux output shows our Low Glare EvoLED truly is low glare; compared to a conventional 50W low glare product, the walls in the EvoLED scenario are receiving very little light. Instead a greater proportion of the light is directed towards the floor, increasing the lux over the whole floor surface, rather than on the walls.

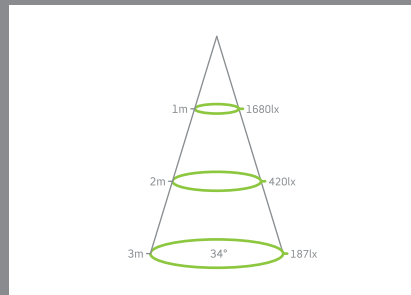
## “How many lights do I need?”

Visit [howmanylights.co.uk](http://howmanylights.co.uk) for interactive lighting and energy estimator

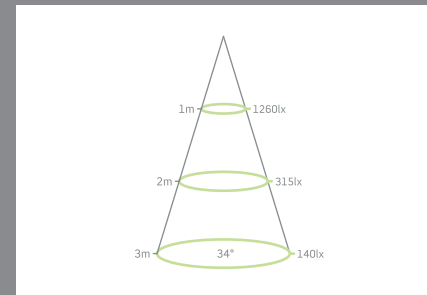
## Polar Curve



## Neutral white



## Warm white



Halers Lighting publish the exact light output details of our fittings, which are confirmed by independent 3<sup>rd</sup> party test houses, including the Photonics Cluster (UK), and The Lighting Association (UK). We test the 'Absolute Photometry' (LM79) at room temperature, of the complete fitting including driver. We believe that independent testing is the only solution to provide consumers with absolute confidence in our products. This has been driven by the current trend within the LED market for publishing unverified and misleading results.

Spec sheets  
IES files  
Eulumdat files  
BIM content

download at [halers.com](https://www.halers.com)

## Revo II

IP20, High power fixed downlight

**Save up to 40%**  
of your lighting energy costs.

save  
40%

### Features

- ° Integrated LED driver.
- ° Meets building regulations.
- ° Compatible with building control systems.
- ° 60,000 hour life (approx.)
- ° 80° beam angle.
- ° Flexible cut-out size.
- ° Dimmable.
- ° Double insulated.
- ° High lumen output.
- ° Selectable light output.
- ° 35W power consumption. (700mA)
- ° Plug and Play connection.
- ° 7 year warranty

### Benefits

- ° Straight to mains connection.
- ° Parts L1 & L2 compliance.
- ° Flexibility with other energy saving systems.
- ° Save time/money on maintenance.
- ° Wide spread of light.
- ° Fits a 160-170mm cut-out.
- ° 1...10V, PUSH & DALI\*
- ° No earthing required.
- ° Comparable to conventional PL / CFL down lights.
- ° 1950lm, 1500lm & 1100lm (2 x 26W 2x 18W, & 1 x 26W)
- ° Surpasses energy and efficacy requirements for part L.
- ° Reduced installation time.
- ° Fit & forget confidence.



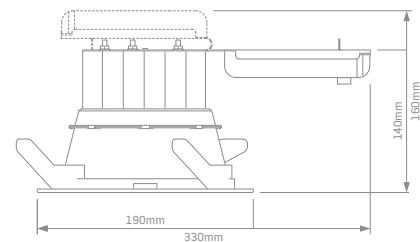
\*DALI dimming requires additional module. Sold separately.

Revo II

This innovative high power LED downlight is set to revolutionise the way ambient lighting is specified and offers a truly superior alternative to ordinary compact fluorescent luminaire. Unparalleled optical performance coupled with energy savings of up to 40% (compared with traditional CFL variants) and Luminaire efficacy figures of 56lm per circuit Watt. UK Building Regs Parts L1 and L2 compliant.

Selectable output allows installer to replace 1 x 18W, 2 x 18W and 2 x 26W conventional downlights with just 1 product.

80°	160mm	.ldt	.ies	IP20	350mA		500mA		700mA	
					824lx @1	1100lm	1136lx @1	1500lm	1500lx @1	1950lm
t <sub>a</sub> 50°C t <sub>c</sub> 90°C	Hf 60k	NO UV			18w	61lm pw	26w	58lm pw	35w	56lm pw

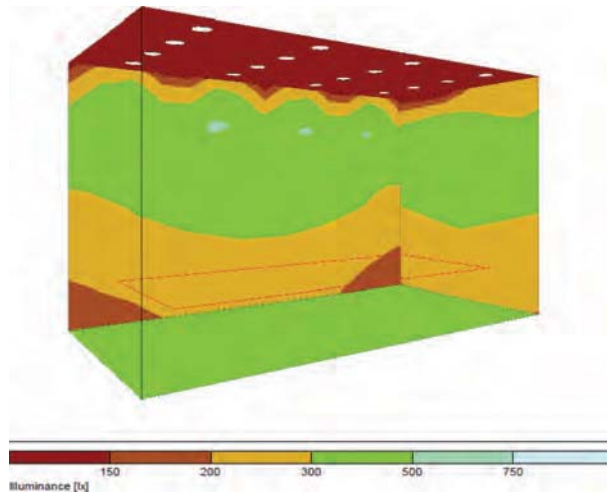


REVO II NW (4000° kelvin) in offices

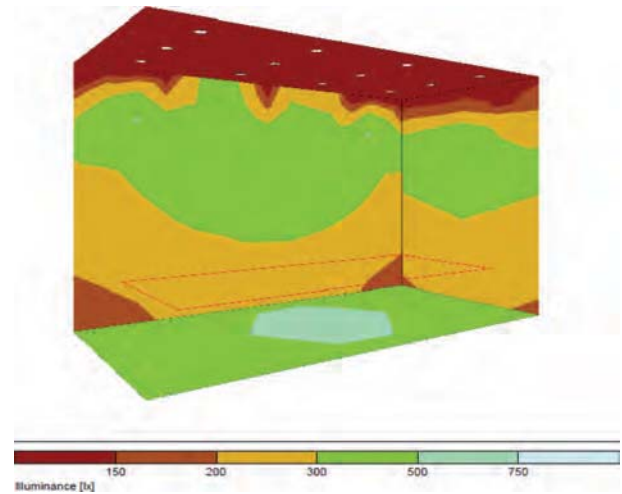
code	description	dimensions	trade price
DL/03/WH/F/NW	35W LED to replace compact fluorescent fittings. 4000° kelvin	Ø 190 x h 160mm	£320.00
DL/03/EM/WH/F/NW	Emergency pack version of the DL/03/WH/F/NW	Ø 190 x h 160mm	£545.00

## Revo II photometry

2 x 26W CFL



Revo II



Installation comparison - 6 x 3 x 3m room.

Lux level required - 500lx on workplane

Results.

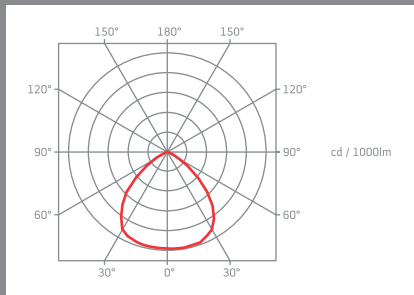
Revo II (700mA) - x 12 (420W)

Typical 2 x 26W CFL - x 16 (832W) - **Save 412W**

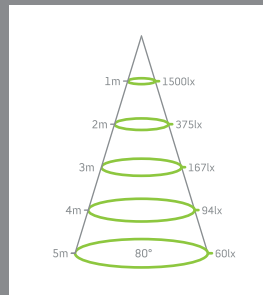
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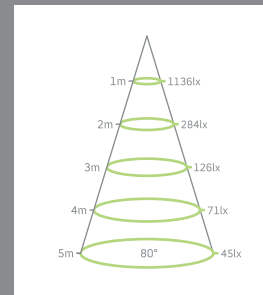
## Polar Curve



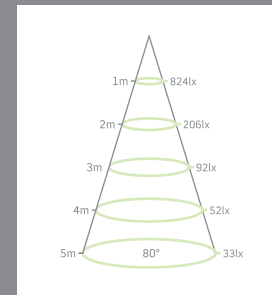
## 700mA



## 500mA



## 350mA



Spec sheets  
IES files  
Eulumdat files  
BIM content

download at [halers.com](http://halers.com)

Halers Lighting publish the exact light output details of our fittings, which are confirmed by independent 3<sup>rd</sup> party test houses, including the Photonics Cluster (UK), and The Lighting Association (UK). We test the 'Absolute Photometry' (LM79) at room temperature, of the complete fitting including driver. We believe that independent testing is the only solution to provide consumers with absolute confidence in our products. This has been driven by the current trend within the LED market for publishing unverified and misleading results.

## MASTER LEDSPOT 7W GU10 40°

7W LED to replace 50W Halogen GU10

save  
85%

### Features

- ° 7W to replace 50W or 35W Halogen GU10.
- ° Dimmable down to 10%
- ° Lower maintenance cost.
- ° Retrofit and compatible with most existing fixtures with GU10 holder.
- ° Free of mercury and hazardous materials.
- ° CRI. 80.















### Benefits

- ° 85% energy saving.
- ° Return on investment within one year.

### Applications

- ° Hotels, restaurants, bars, cafés.
- ° Lobbies, corridors, stairwells.

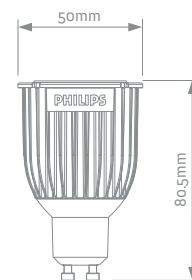


 40°	 dim	 .ldt
 .ies	 290lm	 Hi 40k
 7w	 NO UV	
NW		
 1000lx @1	 290lm	 41.4lm pw
WW		
 1000lx @1	 290lm	 41.4lm pw

MLED7GU1053040

Delivering a warm, halogen-like accent beam, MASTER LEDSPOT GU10 40° is ideal for spot lighting (track, corridors, lift lobbies, display cases and cabinets) in the hospitality industry. It is particularly suited to public areas such as lobbies, corridors, stairwells, where the light is on 24/7. MASTER LEDSPOT GU10 40° delivers huge energy savings and minimises maintenance cost, enabling hospitality owners to achieve a return on their investment within one year. Compatible with most existing fixtures with a GU10 holder and designed as a retrofit replacement alternative for 50W halogen lamps.





MASTER LEDSPOT GU10 40° at a private residence

code	description	dimensions	trade price
MLED7GU1053040	7W LED to replace 50W Halogen GU10. 3000° kelvin	Ø 50 x h 80.5mm	£43.00
MLED7GU1054240	7W LED to replace 50W Halogen GU10. 4200° kelvin	Ø 50 x h 80.5mm	£43.00

MASTER LEDSPOT 3W GU10 25°

3W LED to replace 35W Halogen GU10

Features

- ° Lower maintenance cost.
- ° Retrofit and compatible with most existing fixtures with GU10 holder.
- ° Free of hazardous materials.
- ° CRI. 85.

Benefits

- ° 85% energy saving.

save  
85%


Delivering a warm, halogen-like accent beam, MASTER LEDSPOT 3W GU10 25° is ideal for spot lighting (track, corridors, lift lobbies, display cases and cabinets) in the hospitality industry. It is particularly suited to public areas such as lobbies, corridors, stairwells, where the light is on 24/7. MASTER LEDSPOT 3W GU10 25° delivers huge energy savings and minimises maintenance cost without any compromise on brightness, enabling hospitality owners to achieve a return on their investment within one year. Compatible with most existing fixtures with a GU10 holder and designed as a retrofit replacement alternative for 35W halogen lamps.




MASTER LEDSPOT 3W GU10 25°  
at a private residence




MLEDD7GU103025




25°




.ldt




.ies




Hr  
22k




3w




NO  
UV



540lx  
@1



105lm



35lm  
pw

code

description

dimensions

trade price

**MLED3WGU103025** 3W LED to replace 35W Halogen GU10. 3000° kelvin

Ø 50 x h 55.5mm

£43.00

## NOVALLURE 2W E14 B35

2W LED to replace B35 E14 lamps

save  
80%

### Features

- ° Eye-catching lens design.
- ° Inviting, sparkling light effect.
- ° Lower maintenance cost due to 15 times longer lifetime.
- ° Free of hazardous materials.
- ° Available in clear and frosted.

### Benefits

- ° Sparkling warm light.
- ° 80% energy saving.
- ° Classical slender shape and crystal-clear bulb, fitting all existing fixtures with E14 holders.

Delivering incandescent-like sparkling light effects, NOVALLURE 2W E14 B35 candle bulb is ideal for general and decorative lighting in the hospitality industry, as well as in home environments. Mounted in full view in chandeliers, wall sconces or modern luminaires, the clear or frosted glass bulbs fit all existing fixtures with an E14 socket. Drawing upon inputs from chandelier makers and designed to enhance the aesthetic appeal of the chandelier or luminaire, not only when lit but also when not, these lamps come in a classical slender shape with a unique, eye catching lens design. They produce a beautiful sparkling warm light that delivers huge energy savings and minimises maintenance cost.



NOVALLURE 2W E14 B35  
in a hotel room



LED B35 E14 CL 3000  
clear

LED B35 E14 CL 3001  
frosted

.ldt	.ies	Hr 15k
	2w	NO UV
8lx @1	50lm	25lm pw
6lx @1	50lm	25lm pw

CL

FR

code	description	dimensions	trade price
LED B35 E14 CL 3000	* 2W clear LED to replace B35 E14 lamps. 3000° kelvin	Ø 35.1 x h 99mm	£23.90
LED B35 E14 FR 3001	** 2W frosted LED to replace B35 E14 lamps. 3000° kelvin	Ø 35.1 x h 99mm	£23.90

## Information

Free next day delivery on most items if ordered before 4.00pm (excluding Europe and some parts of UK) (£200 minimum order value)

For orders below £200 a £15 handling fee applies (excluding Europe and some parts of UK. Check your local distributor for details)

All products are guaranteed for 12 months from date of purchase, unless otherwise stated. Any modifications made to our products may invalidate the warranty.

All specifications are believed to be valid at time of going to press and are subject to change without notice.

Whilst we try to ensure accurate colour representation, please be aware that the photographic/printing process may sometimes alter colours.

Errors and omissions excepted.

Any variations to specifications and full details of conditions of sale can be obtained by contacting us at:

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w halers.com

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## “How many lights do I need?”

Visit [howmanylights.co.uk](http://howmanylights.co.uk) for interactive lighting and energy estimator

## Halers EvoLED cost & carbon calculator

An example of cost savings available by replacing one hundred 50W halogen with Halers EvoLED

	Number of lamps in installation	100		
	Lamp		<b>50W Halogen</b>	<b>Halers EvoLED</b>
	Cost per lamp		£3.75	£55.00
	Total lamp cost		£375.00	£5,500.00
	Lamp wattage		50	6.3
	Circuit consumption including driver (W) Driver assumed 80% efficient		62.5	7.9
	Days per year	365	365	365
	Hours per day	24	24	24
	Hours per year		8,760	8,760
	Total KWh consumed per year		54.750	6.899
	CO <sup>2</sup> emission per year (Kg/year)		28,853	3,636
	Total energy cost per year (unit cost)	£0.12	£6,570.00	£827.82
	LED energy saving per year		<b>£5,742.18</b>	
	Payback time in years		1.0	
over 5 year period	Energy price increase per year over 5 year period	6%		
	Energy cost over 5 years		£37,035.70	£4,666.50
	Number of lamp replacements		2190	0
	Cost of lamps (including initial purchase)		£8,587.50	£5,500.0
	Cost of contractor to replace lamps	£5.00	£10,950.00	£0.00
	Cost of running lamps for 5 years per lamp		£56,573.20	£10,166.50
	CO <sup>2</sup> saving by using Halers EvoLED over 5 year period (Kg)		126,089	
	Cost saving by using Halers EvoLED for total installation over 5 year period		<b>£46,406.70</b>	

Visit **halers.com** for interactive cost & carbon calculator

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