

## Glamox LED downlights

The DL series from Glamox is a series of LED downlights that have been developed to replace the fluorescent and halogen downlights. To clarify what the differences are, we have listed the properties for each type below.

### DL40 LED

The DL40 series from Glamox is a cost efficient series of LED downlights. The lamp's compact design and low profile allow for easy installation and reduce the need for free space in the ceiling. The built-in driver makes installation very easy.

DL40 is the ideal choice when you want to use the lighting to create a warm and luxurious atmosphere. DL40 has a light yet robust aluminum housing, which is available in three different finishes: white, chrome and gold. The ability to produce decorative lighting combined with its neat and elegant design makes DL40 ideal for applications such as public areas, cabins and passenger areas on cruise ships.

DL40 is also fully dimmable and can be supplied with a night light option. Night lights are ideal for cabins and other areas where there is a need for clear, direct lighting that helps you find your way at night without disturbing the environment more than necessary.



- Built-in driver
- Tilttable: 20°
- Beam angle: 25, 40 or 60°
- Color rendering : CRI>80 on request CRI>90 or D2W CRI>90
- Color: 3000K or 4000K, D2W from 1900 to 3000K
- Lifespan: 50,000 hours
- Possible with Wago, Wieland or Ensto connector

# DL40-41-42-60

## DL41 LED

The DL41 series of low recessed downlights is designed according to marine standards. The fixture fits in almost all ceiling thicknesses and has a B0 design, a fire hood is not necessary. DL41 fits into ceilings in 155mm or 145mm cut-outs. These dimensions are very commonly used cut-outs of older type downlights so that this new DL41 LED can perfectly serve as a replacement (refits). The housing is made of galvanized white painted steel and the reflector is made of anodized aluminum with an integrated opal diffuser in polycarbonate. Decor rings and accessories are available in white, chrome or brushed aluminum.

The mounting of the decor rings is very easy with a bayonet closure. Accessories such as various trim rings, decor elements, etc. are available separately. Furthermore, the DL41 is also available as HF which can also be dimmed (phase cut). There is also a night light version (HF-NL) available as well as an emergency version HF-Z (via central UPS). Execution with battery backup is expected later to extend the program.



- 3000K or 4000K on request
- Cut out Ø155 mm or Ø145 mm, easily replaces families such as 0840/0850/0860/0870 GCN 14 N/GCN 14/CASA (M) 0845/0855/0865
- Voltage 220-240V or 110V; 50/60Hz
- Available with ENSTO/WAGO 3/5P H or T connectors
- 500 lumens as a replacement for 10-13W TC
- 800lumen as a replacement for 18W TC

# DL40-41-42-60

## DL42-R77 LED

The DL42-R77 is a compact LED downlight specially designed for fire-resistant metal ceilings B0 or B15. The use of fire-resistant materials in combination with a unique heat sink makes this downlight the perfect choice for B15 ceilings. With the use of the DL42-R77, no additional fire caps are required on the other side of the ceiling to maintain the B15 approval. The downlights are installed using self-tapping screws.

The DL42 series is designed for use in metal ceilings only. The downlights can be supplied with an external or integrated HF driver. In addition, various set designs and colors are available.



### Properties

- Built-in driver (internal or external)
- Light output: 638 or 756 lumen
- Color rendering: CRI > 80, 3000 K
- Power consumption 8 W
- Lifetime: 50,000 hours, L70 at max Ta = 45°C

# DL40-41-42-60

## DL60 LED

The DL60 LED is the most extensive and complete series of the family. With a full certification, for example UL certificate, you can be sure that the downlight always meets the technical requirements. The DL60 is the ideal choice when you want to use the lighting to create a warm and luxurious atmosphere, because there are five basic variants to choose from, there is always a downlight that fits your situation:

- DL60-R92 LED suitable up to 25 mm ceiling thickness
- DL60-R92H LED suitable up to B15 52 mm ceiling thickness
- DL60-R108 LED Adjustable horizontally and vertically, suitable up to 35 mm ceiling thickness
- DL60-RF155 LED suitable up to 31 mm ceiling thickness
- DL60-R155 LED suitable up to B15 52 mm ceiling thickness

In addition to the simple installation, the DL60 also offers maximum design flexibility due to the extensive possibilities when it comes to applying decor rings and accessories.



## Properties

- Available in 500, 700, 800, 900, 1100, 1400 and 2100 lumens
- Available in brass, chrome and white
- Lifetime: DL60-R(F)155: 100,000 hours at max Ta 45°C DL60 R108 and R92: 50,000 Ta 45°C / 120,000 hours at max Ta 25°C
- Driver included (external)
- Driver: HF (High Frequency), Analog Dimmable HFDa (1-10V) or DALI (D2W)
- Designed for marine approval and for marine requirements
- DL60-R108 LED is tiltable. Max 25° tilt and rotate 228°
- DL60-RF155 is also available with 3 hours battery backup module / night light / UPS emergency light

The DL series downlights from Glamox are also available in [our webshop](#). Do you have any questions or do you need advice regarding Glamox lighting? Our lighting specialist Alfred Brussen is happy to help you: [a.brussen@ttbv.com](mailto:a.brussen@ttbv.com) or +31-(0)24-3667470