



## VDL DOWNLIGHTS

LED downlights with separate led driver

LED Recessed Mounted Downlight

A range of LED downlights for commercial installations offering a range of lumen outputs, colour temperatures and accessories.

The downlighters come with a 5 year guarantee and can also be supplied with emergency, dimming options and can be tailored for virtually any output.

- 5 year guarantee
- COB technology
- High efficiency of up to 135 lm/W
- Slim design for easy installation in low false ceiling
- High colour rendering index CRI:  $\geq 85$

### Specification

- Long service life: up to 100,000 hrs. (l80/b10)
- With separate driver
- Up to 135 lm/w
- High quality cob technology
- 5 years guarantee



## VDL/17W

Indoor LED recessed mounted downlight with aluminium reflector with enclosed separate LED driver for direct connection to mains voltage

Mains voltage: 220–240 V ±10%, 50–60 Hz

Power factor: > 0.95%

Flicker: < 1%, Ripple: < 1%

Cut Out: Ø 125 mm,

Material: aluminium diecast

Powder coating: epoxid

Flange colour: white (RAL 9003)

Front part: glass

Degree of protection: IP44

(casing: IP20, front part: IP44)

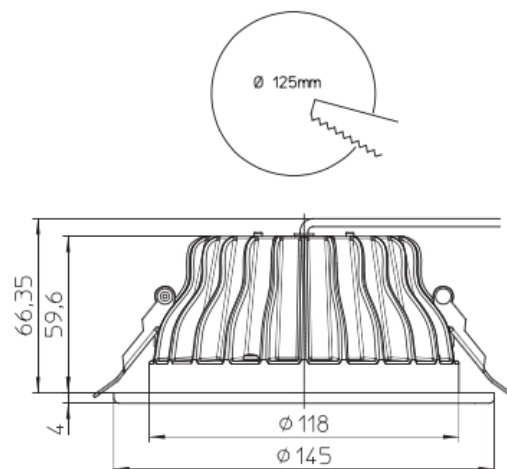
Allowed operating temperature: 0 to 30 °C Allowed storage temperature: -30 to 60 °C Colour accuracy initially: 2 SDCM

### Safety features of LED driver

Protection against transient main peaks up to 1 kV (between L and N)  
Electronic short-circuit protection

Overload and over temperature protection  
Protection against "no load" operation

Degree of protection: IP20, Protection class II, SELV



| Part Number        | Colour        | Correlated Colour Temp K | Power Consumption W | Typ. Luminous Flux* lm | Beam Angle ° | Typ. CRI Ra |
|--------------------|---------------|--------------------------|---------------------|------------------------|--------------|-------------|
| <b>Clear Glass</b> |               |                          |                     |                        |              |             |
| VDL4G2C17W3K-01    | Warm White    | 3000                     | 17                  | 2200                   | 20           | 85          |
| VDL4G2C17W4K-01    | Neutral White | 4000                     | 17                  | 2272                   | 20           | 85          |
| VDL4G2C17W5K-01    | Cool White    | 5000                     | 17                  | 2295                   | 20           | 85          |
| <b>Frost Glass</b> |               |                          |                     |                        |              |             |
| VDL4G2F17W3K-01    | Warm White    | 3000                     | 17                  | 1999                   | 45           | 85          |
| VDL4G2F17W4K-01    | Neutral White | 4000                     | 17                  | 2064                   | 45           | 85          |
| VDL4G2F17W5K-01    | Cool White    | 5000                     | 17                  | 2086                   | 45           | 85          |

## VDL/25W

Indoor LED recessed mounted downlight with aluminium reflector with enclosed separate LED driver for direct connection to mains voltage

Mains voltage: 220-240 V  $\pm$ 10%, 50-60 Hz

Power factor: > 0.95%

Flicker: < 1%, Ripple: < 1%

Cut Out:  $\varnothing$ 170 mm,

Material: aluminium diecast

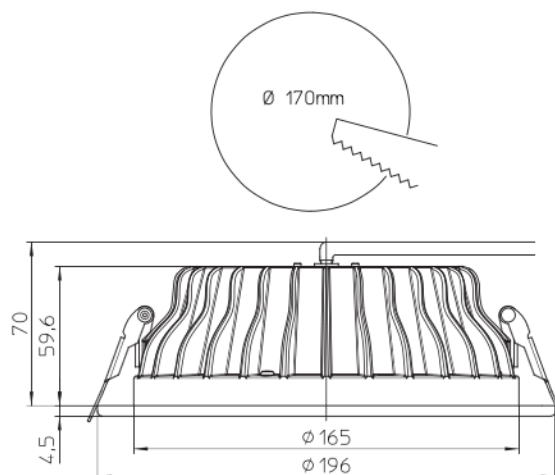
Powder coating: epoxid

Flange colour: white (RAL 9003)

Front part: glass

Degree of protection: IP44

(casing: IP20, front part: IP44)



Allowed operating temperature: 0 to 30 °C Allowed storage temperature: -30 to 60 °C Colour accuracy initially: 2 SDCM

### Safety features of LED driver

Protection against transient main peaks up to 1 kV (between L and N)

Electronic short-circuit protection

Overload and over temperature protection Protection against "no load" operation

Degree of protection: IP20, Protection class II, SELV

| Part Number        | Colour        | Correlated Colour Temp K | Power Consumption W | Typ. Luminous Flux* lm | Beam Angle ° | Typ. CRI Ra |
|--------------------|---------------|--------------------------|---------------------|------------------------|--------------|-------------|
| <b>Clear Glass</b> |               |                          |                     |                        |              |             |
| VDL6G2C25W3K-01    | Warm White    | 3000                     | 25                  | 3053                   | 75           | 85          |
| VDL6G2C25W4K-01    | Neutral White | 4000                     | 25                  | 3152                   | 75           | 85          |
| VDL6G2C25W5K-01    | Cool White    | 5000                     | 25                  | 3181                   | 75           | 85          |
| <b>Frost Glass</b> |               |                          |                     |                        |              |             |
| VDL6G2F25W3K-01    | Warm White    | 3000                     | 25                  | 2654                   | 75           | 85          |
| VDL6G2F25W4K-01    | Neutral White | 4000                     | 25                  | 2741                   | 75           | 85          |
| VDL6G2F25W5K-01    | Cool White    | 5000                     | 25                  | 2766                   | 75           | 85          |

## VDL/32W

Indoor LED recessed mounted downlight with aluminium reflector with enclosed separate LED driver for direct connection to mains voltage

Mains voltage: 220-240 V  $\pm$ 10%, 50-60 Hz

Power factor: > 0.95%

Flicker: < 1%, Ripple: < 1%

Cut Out:  $\varnothing$  210 mm,  
Material: aluminium diecast  
Powder coating: epoxid

Flange colour: white (RAL 9003)  
Front part: glass  
Degree of protection: IP44

(casing: IP20, front part: IP44)

Allowed operating temperature: 0 to 30 °C Allowed storage temperature: -30 to 60 °C Colour accuracy initially: 2 SDCM

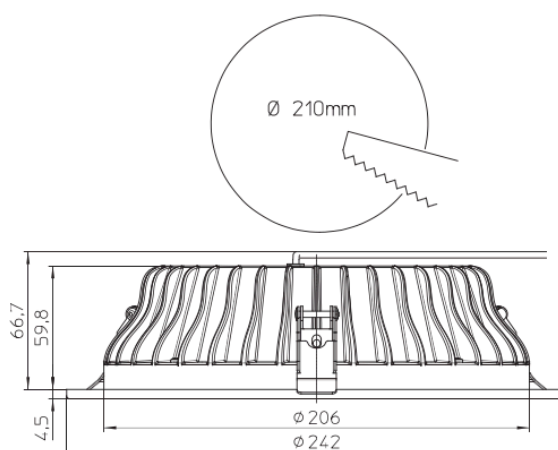
### Safety features of LED driver

Protection against transient main peaks up to 1 kV (between L and N)

Electronic short-circuit protection

Overload and overtemperature protection Protection against "no load" operation

Degree of protection: IP20, Protection class II, SELV



| Part Number        | Colour        | Correlated Colour Temp K | Power Consumption W | Typ. Luminous Flux* lm | Beam Angle ° | Typ. CRI Ra |
|--------------------|---------------|--------------------------|---------------------|------------------------|--------------|-------------|
| <b>Clear Glass</b> |               |                          |                     |                        |              |             |
| VDL8G2C32W3K-01    | Warm White    | 3000                     | 32                  | 3936                   | 70           | 85          |
| VDL8G2C32W4K-01    | Neutral White | 4000                     | 32                  | 4066                   | 70           | 85          |
| VDL8G2C32W4K-01    | Cool White    | 5000                     | 32                  | 4106                   | 70           | 85          |
| <b>Frost Glass</b> |               |                          |                     |                        |              |             |
| VDL8G2F32W3K-01    | Warm White    | 3000                     | 32                  | 3303                   | 88           | 85          |
| VDL8G2F32W4K-01    | Neutral White | 4000                     | 32                  | 3424                   | 88           | 85          |
| VDL8G2F32W5K-01    | Cool White    | 5000                     | 32                  | 3454                   | 88           | 85          |