

# Velox-downlight

LED



ALS90WRD

Velox-downlights fit excellent for the different needs of universal and special lighting at new construction and replacing halogen lamps in renovation projects.

## Dimming

Ensto can provide many dimming possibilities for luminaires. 1-10V, Switch Dim, DALI and base light are just few examples of possibilities to change the light output to fit your premises.



“Small downlights for general use and highlighting.”



ALS85WSD



ALS90NR



ALS90NS

### Structure

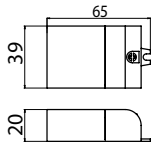
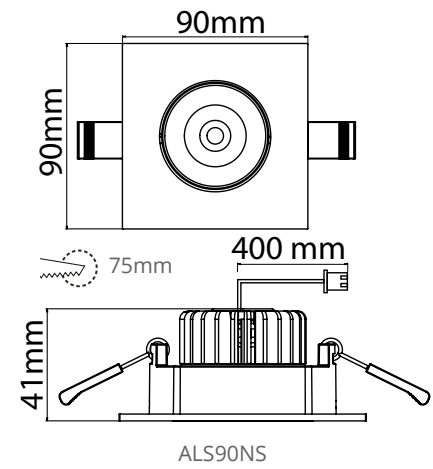
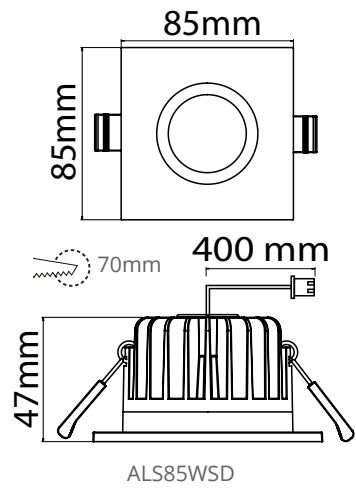
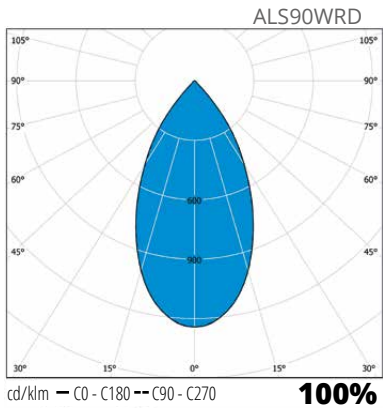
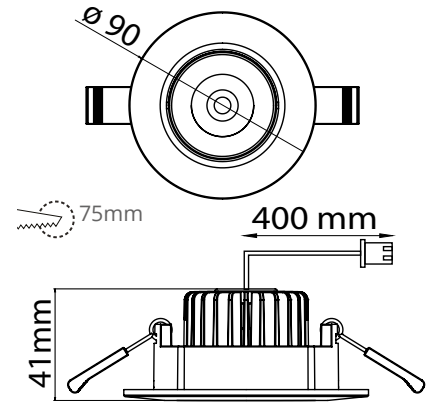
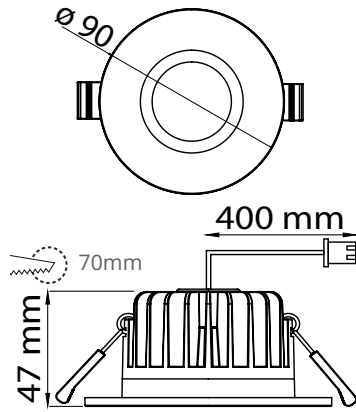
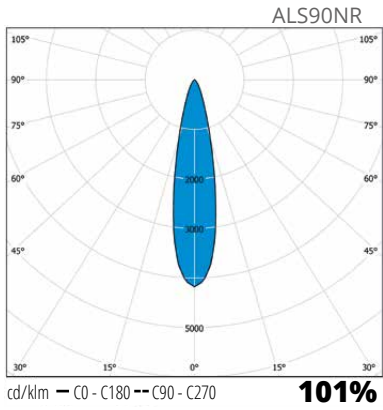
- ▶ Body and cooling element: aluminium
- ▶ Colour: white
- ▶ Separate driver included
- ▶ Models:
  - Adjustable models, connected load 4W, luminaire luminous flux, see table beam angle 20°, adjustable 30°
  - Non adjustable models, connected load 9W, luminaire luminous flux, see table beam angle 60°, dimmable (see mounting) 4000 K and 3000 K, Ra > 80, power factor 0,96 Ambient temperature - 20 °C - + 30 °C LED-luminaire lifespan 30 000 h (L70), T<sub>a</sub>=25 °C
- ▶ Non adjustable models (9W) Triac-dimmable, check suitable dimmers [www.ensto.com](http://www.ensto.com)

### Mounting

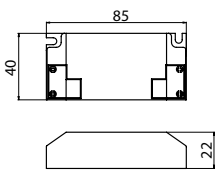
- ▶ -o- 2x1,5 mm<sup>2</sup>, a separate junction box is included in the delivery
- ▶ Thickness of the ceiling plate 1-20 mm

E number	Type	Product name	Kg	ø Recess hole	Luminous flux	Dimming
<b>Adjustable round</b>						
41 180 02	ALS90NR	ALS90NR 4W/840 LED WH	0,3	75 mm	340 lm	
41 180 03	ALS90NR/3K	ALS90NR/3K 4W/830 LED WH	0,3	75 mm	320 lm	
<b>Adjustable square</b>						
41 180 04	ALS90NS	ALS90NS 4W/840 LED WH	0,3	75 mm	340 lm	
41 180 05	ALS90NS/3K	ALS90NS/3K 4W/830 LED WH	0,3	75 mm	320 lm	
<b>Non adjustable round</b>						
41 180 06	ALS90WRD	ALS90WRD 9W/840 LED WH	0,5	70 mm	740 lm	Triac
41 180 07	ALS90WRD/3K	ALS90WRD/3K 9W/830 LED WH	0,5	70 mm	670 lm	Triac
<b>Non adjustable square</b>						
41 180 00	ALS85WSD	ALS85WSD 9W/840 LED WH	0,5	70 mm	740 lm	Triac
41 180 01	ALS85WSD/3K	ALS85WSD/3K 9W/830 LED WH	0,5	70 mm	670 lm	Triac

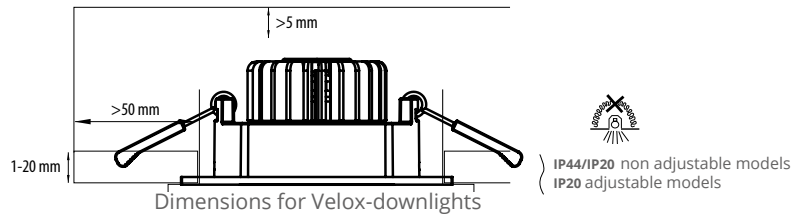




Power supply - adjustable models, 4W



Power supply - non adjustable models, 9W





For new buildings and renovations, Velox downlights are energy efficient, fast to install and easy to use. Dimmable Velox downlights are perfect for livingrooms and bedrooms.