



Especially for appliance in retail and other low spaces, Veko has developed the Joris. These budget luminaires are energy efficient and they always illuminate every spot with the right amount of light. That makes Joris an excellent budget LED solution.

Joris contributes to a pleasant atmosphere in a wide range of business premises. In retail, for example, Joris Budget LED, with its nice bright light and good uniformity on the floor and in the racks, increases the shopping experience. With aluminium end caps, the luminaires can be connected together to realize continuous light lines.

The Joris is made of brute aluminium. Veko supplies the luminaires pre-assembled on aluminium profiles. The use of aluminium in our linear lighting also ensures a great temperature management: Veko LED lighting operates effortlessly at ambient temperatures from -20  $^{\circ}$ C - to 35  $^{\circ}$ C or even higher. At Veko, an warranty of 10 years is therefore possible.

To save even more on your energy costs, choose a light management system. Thanks to intelligent control, your main and emergency lighting requires less maintenance and the dimming function of the luminaires operates more efficiently. Veko's lighting lines are not only some of the most energy-efficient in the world, but also the most sustainable. The equipment is supplied with virtually no packaging, is 100 per cent recyclable and is easily refurbished, even after 45 years.









Joris-EN v1.1 01



### **Technical information**

Length	1,030 mm		
Output flux	3,400 lm		
Wattage	27 W		
Voltage	220 - 240 V		
Frequency	50 ÷ 60 Hz		
Power factor	>0.95		
Drivers	Signify or Osram		
Operational temperature	-20 °C to +35 °C		
Weight	Approx. 2.5 kg/m including profile and accessories		
Application	Low areas, order picking racks and retail		
Installation height	2 - 4 m		
Colour temperature	Natural white (± 4,000 K)		
Colour Rendering Index (CRI)	>80		
Lens option	Diffuse		
Cover material	РММА		
Material	Untreated aluminium		
Colour	Untreated aluminium and anodized		
Impact resistance	IK07		
IP code	IP20		
Options	Emergency lighting		
Warranty	L85B10 / at least 5 year warranty / Ta 35 °C		
Expected life span	It is possible to reach 100,000 hours		
BREEAM norms	Yes		

On the initial performance, a tolerance of ± 10% is applicable, according to IEC. Technical data subject to change.



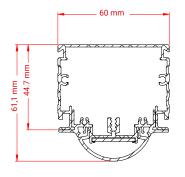


## JORIS DIFFUSE

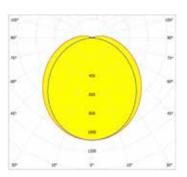
#### Luminaire



#### **Dimensions**



### Polar diagram



Product code IP20	Length (mm)	Wattage (W)	Output flux (Im)	Lumen/Watt
LBN-D-109	1,030	27	3,400	125

On the initial performance, a tolerance of  $\pm\,10\%$  is applicable, according to IEC. Technical data subject to change.





### **BUDGET FOOD**



### AGU



