

Timeless design, sculpted glow,  
softly lighting your way through  
every space.

Mizar news

issue #26

ROBUR

# Robur

[ˈrò:bur]

ROBUR is a bollard designed to withstand the demands of public spaces, combining robustness with high performance. Its reinforced stainless steel base ensures stability and durability, while the high-performance asymmetric optics provide efficient and uniform illumination.

Available in three different heights, ROBUR comes in both a standard version and a version equipped with a sensor and integrated CASAMBI control system, easily managed via the App, offering smart and flexible solutions for every urban and private project.



Robur 6.0 / 9.0 / 12.0

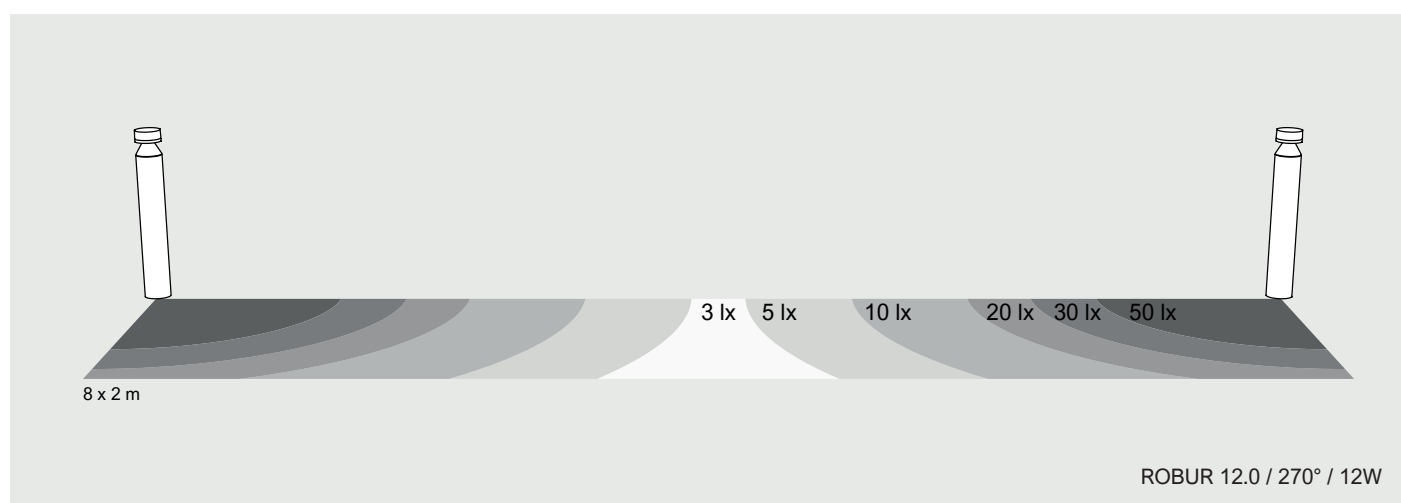
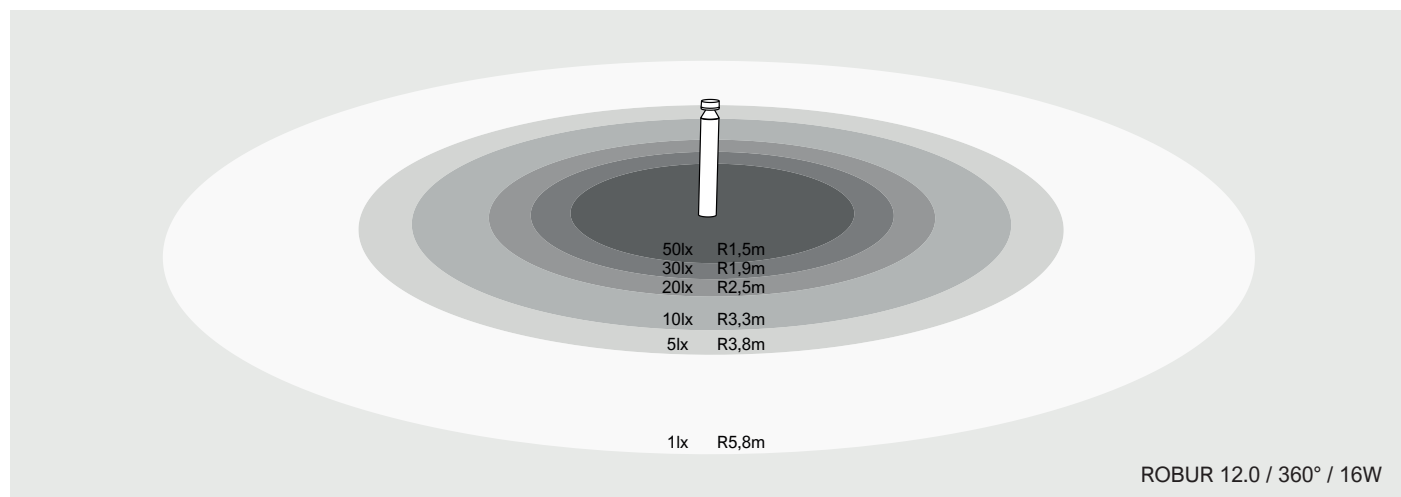


Robur 6.3 / 9.3 / 12.3

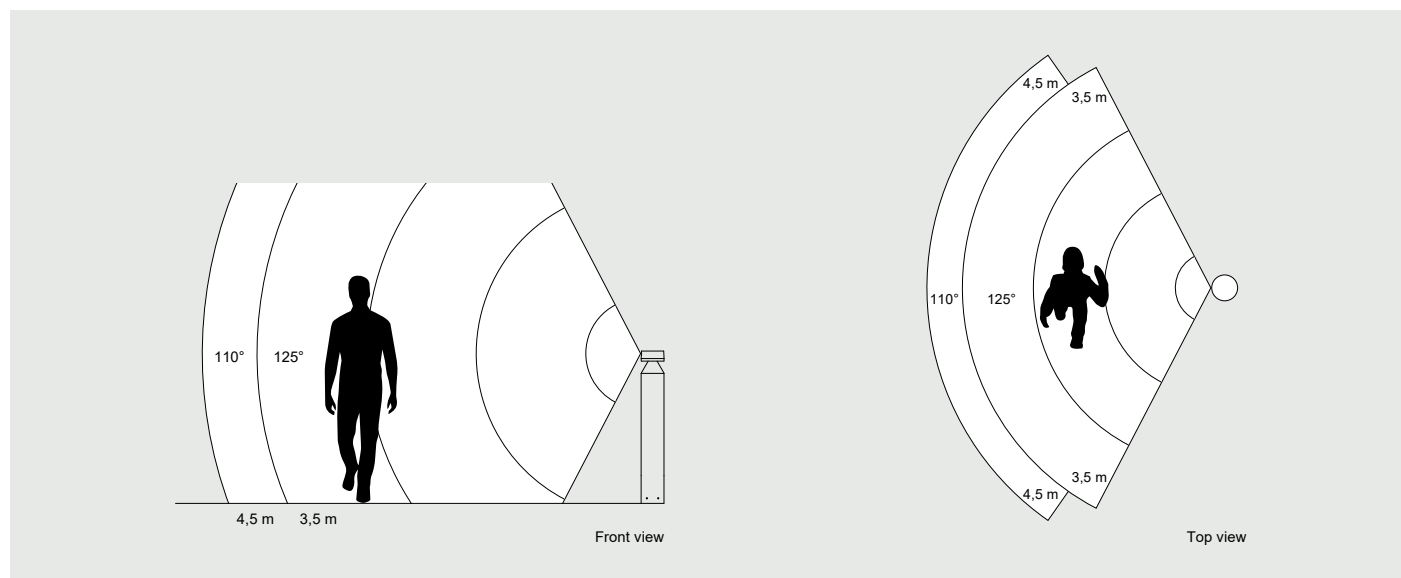




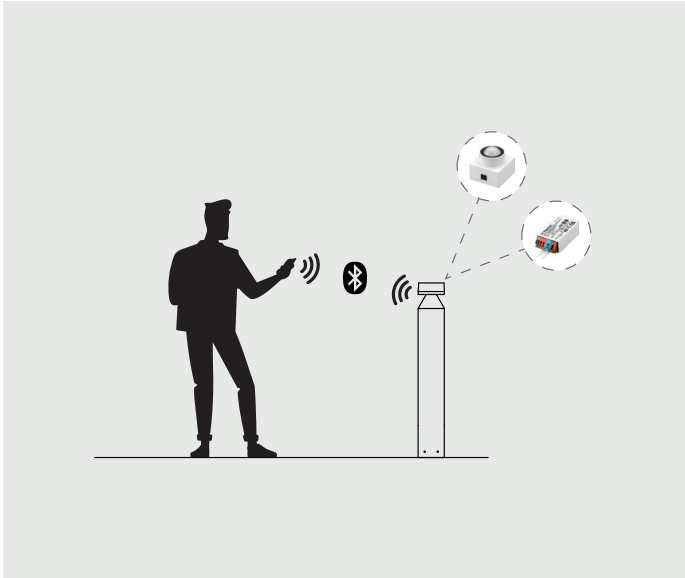
# Robur / optics



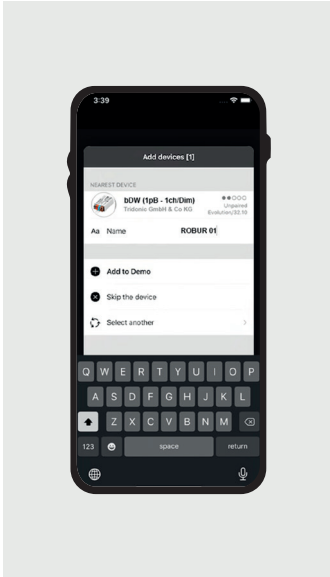
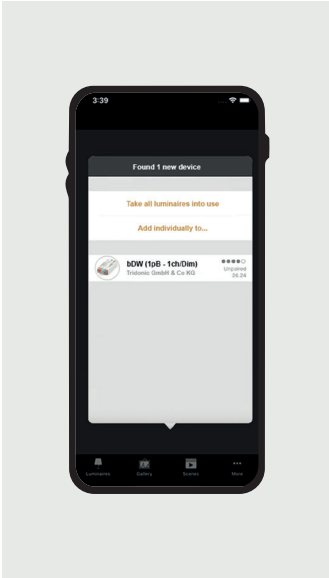
# Robur / sensor



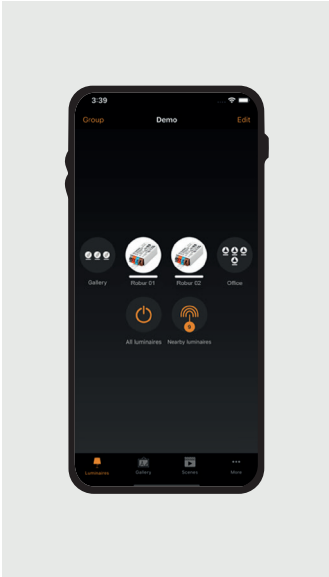
# Robur / Casambi configuration



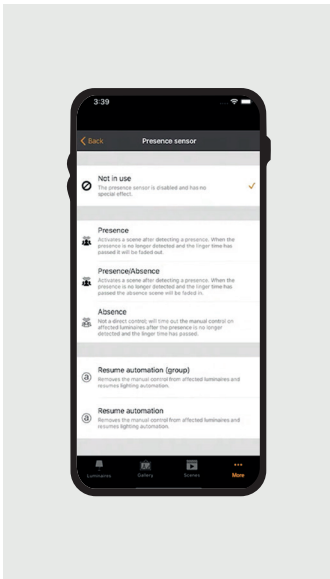
**1**  
Power on one single Robur at a time. This will allow to identify easily the power supply and sensor integrated into every product, individually.



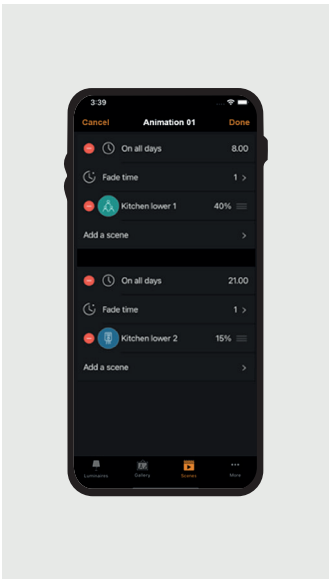
**2**  
When each Robur power supply or sensor is added, we recommend to rename them. So it will be easy to identify each of them in the next steps. Example: "Robur 01" "Robur Sensor 01".



**3**  
Once added a single or multiple products have been added, they will be visible in the "Luminaires" tab (first in the bottom left). This tab allows to create groups and dim or turn off luminaires. Individually or all at once.



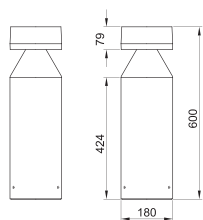
**4**  
Each sensor integrated into a Robur can be set to either "daylight" or "presence" or "absence" modes. This allows the sensors to be used as inputs to activate scenes within the Casambi network.



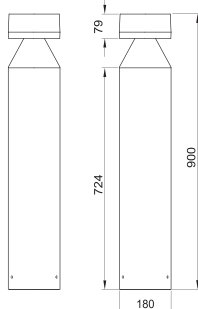
**5**  
Once all the devices have been paired and the sensors enabled, it is possible to create scenes, with more or less complex animations. It's possible also to set timers to ensure that the scenes activate at pre-set times.

If you want to learn more about Casambi app, dimming settings, scenes creation or editing, sensors behavior personalizations and other extra features, visit official Casambi YouTube channel.

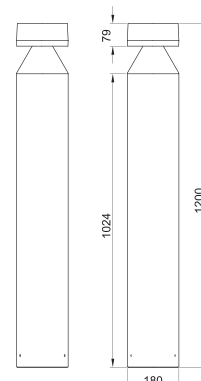




6.0



9.0

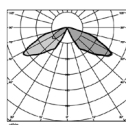


12.0

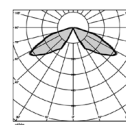
The following data applies to models 6.0 / 9.0 / 12.0

Source type	power LED	power LED
CCT	2700K 3000K 4000K	2700K 3000K 4000K
CRI	>90	>90
Step MacAdam	3	3
Lumen output	up to 1003 lm	up to 1333 lm
Beam angle	Asymmetric 270°	Roto-symmetric 360°
Optical optional	None	None
Lifetime	L80 B10 50.000h	L80 B10 50.000h
IP rating	IP65	IP65
IK rating	IK10	IK10
Type of finishing	Epoxy-polyester powder coating	Epoxy-polyester powder coating
Finishing colour	Anthracite RAL7016 Corten Grey RAL7001 Black RAL9005	Anthracite RAL7016 Corten Grey RAL7001 Black RAL9005
Body material	Anodized aluminum anticorodal 6082	Anodized aluminum anticorodal 6082
Diffuser material	Polycarbonate UV-stabilised	Polycarbonate UV-stabilised
Diffuser thickness	4 mm	4 mm
Class ISO 9223	C5	C5
Operating temperature	-20° C / +50° C	-20° C / +50° C
Power	12 W	16 W
Input power supply	220V AC 50/60 Hz	220V AC 50/60 Hz
Ballast	Integrated	Integrated
Insulation class	II Class	II Class
Dimmable	Yes (DALI2)	Yes (DALI2)
Cable type	H05RN-F 2x0,75 mm <sup>2</sup>	H05RN-F 2x0,75 mm <sup>2</sup>
Surge protection	1 kV	1 kV
Sensor	No	No

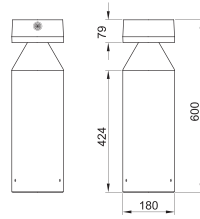
Photometry



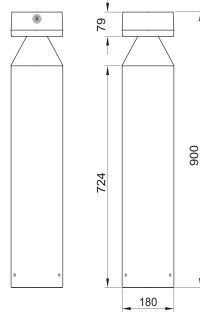
A270°



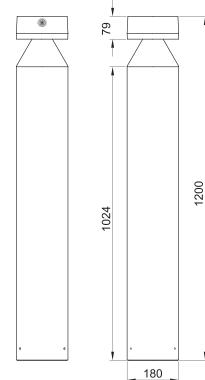
R360°



6.3



9.3

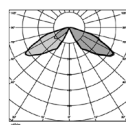


12.3

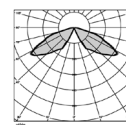
The following data applies to models 6.3 / 9.3 / 12.3

Source type	power LED	power LED
CCT	2700K	2700K
	3000K	3000K
	4000K	4000K
CRI	>90	>90
Step MacAdam	3	3
Lumen output	up to 1003 lm	up to 1333 lm
Beam angle	Asymmetric 270°	Roto-symmetric 360°
Optical optional	None	None
Lifetime	L80 B10 50.000h	L80 B10 50.000h
IP rating	IP65	IP65
IK rating	IK10	IK10
Type of finishing	Epoxy-polyester powder coating	Epoxy-polyester powder coating
Finishing colour	Anthracite RAL7016	Anthracite RAL7016
	Corten	Corten
	Grey RAL7001	Grey RAL7001
	Black RAL9005	Black RAL9005
Body material	Anodized aluminum anticorodal 6082	Anodized aluminum anticorodal 6082
Diffuser material	Polycarbonate UV-stabilised	Polycarbonate UV-stabilised
Diffuser thickness	4 mm	4 mm
Class ISO 9223	C5	C5
Operating temperature	-20° C / +50° C	-20° C / +50° C
Power	12 W	16 W
Input power supply	220V AC 50/60 Hz	220V AC 50/60 Hz
Ballast	Integrated	Integrated
Insulation class	II Class	II Class
Dimmable	Yes (Casambi)	Yes (Casambi)
Cable type	H05RN-F 2x0,75 mm <sup>2</sup>	H05RN-F 2x0,75 mm <sup>2</sup>
Surge protection	2 kV	2 kV
Sensor	Yes (Integrated)	Yes (Integrated)

Photometry



A270°



R360°



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