



SMALL SDOME II

SMALL DOMES, HIGH POWERFUL LIGHTING

▷ MACHINE VISION SYSTEM ▷ QUALITY CONTROL WITH CAMERA ▷ HIGH POWERFUL LIGHTING ▷ DOME LIGHT ▷ DIFFUSE AND HOMOGENEOUS LIGHTING

POWERFUL AND INGENUOUS DOME, TO PERFECTLY MASTER THE LIGHT



- ✓ Homogeneous lighting,
- ✓ clips to reduce the aiming window,
- ✓ 2 sizes : 80 and 130 mm.

Equipped with new leds, the SMALL SDOME II gets a lighting power 4 to 5 times higher than the previous version used to have for white and red leds (WHI & 630). The SMALL SDOME II offers a diffuse and homogeneous indirect lighting that lessen reflections and enable a reliable quality control process on curved and shiny surfaces. This is the ideal lighting for bar codes and 2D codes reading. Thanks to

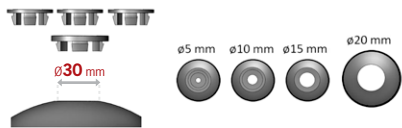
the ingenious clipping system, the hole located on the top of the dome can be easily customized, so as to fit the camera's lens perfectly. Available in two sizes (80 cm an 130 cm), the SMALL SDOME II is compliant with industrial standards, including connection (M12 connector).

DOME LIGHTING

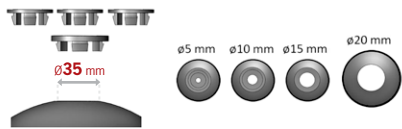


CLIPS SYSTEM

SDOME II 80



SDOME II 130



TECHNICAL SPECIFICATIONS

	SDOME II 80	SDOME II 130
Electronics		
Power supply	24 VDC ±10%	
Functioning mode	Continuous or strobe according to wiring	
Rising time	10 µs	
Falling time	10 µs	
Wiring	Remote M12 4 poles male connector	
Max. consumption 630 & 880 nm	4.2 W	
Max. consumption other colors	8.6 W	
Optics		
Colour	White, Red, Green, Blue, Infrared	
Number of Leds	96	
Mechanics		
Dimensions	Ø Int : 74 mm - Ø Ext : 150 mm	Ø Int : 125 mm - Ø Ext : 201 mm
Height	69 mm	94 mm
Visualisation window	Ø 30 mm	Ø 35 mm
Clips system	Ø 20 mm, Ø 15 mm, Ø 10 mm, Ø 5 mm	
Weight	170 g	230 g
Body materials	Aluminum and ABS	
Fixing	3 M5 screws	
Environment		
Operating temperature	0 - 40°C	
Storage temperature	0 - 60°C	
IP protection	IP 30	
Labels	RoHS-CE-WEEE	

HOW TO BUILD YOUR REFERENCE

REQUIRED SETTINGS

SDOMEII

SIZE

COLOUR

	80	
	130	
		WHI <input type="checkbox"/>
		630 <input type="checkbox"/>
		525 <input type="checkbox"/>
		470 <input type="checkbox"/>
		880 <input type="checkbox"/>

EXAMPLES :

SDOME II 80 WITH WHITE LEDS : ➔ SDOMEII-80-WHI

SDOME II 80 WITH RED LEDS : ➔ SDOMEII-80-630

SDOME II 130 WITH BLUE LEDS : ➔ SDOMEII-130-470

RESULTS :

ACCESSORIES

M12 female – 4 pins cable



2 meters	Ref: C-M12-4P-2M
5 meters	Ref: C-M12-4P-5M
10 meters	Ref: C-M12-4P-10M

Mounting accessory



SDOME II 80	Réf : SDMOUNT-80
SDOME II 130	Réf : SDMOUNT-130

Safety glasses



Ref: EYE-PROTECT

Features and presentations liable to modifications without prior notice. Ref.TS-050501-B3, 2020/01 Edition.

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Other available documents :

- PDF, DWG, DXF, IGS, STEP & X_Y DRAWINGS
- USER'S GUIDE

Small SDOME II

