

Dome light CD150 - Technical data



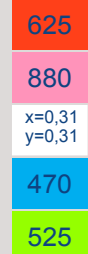
- LED Dome light for continuous / pulse operation
- light field diameter 150 mm
- 256 high performance 5 mm LEDs
- applicable as a very homogeneous incident illumination
- external illumination controller PLC2 necessary
- brightness can be regulated internally (potentiometer) or externally with a VC analogue input
- robust industrial model, Aluminium casing, IP40
- drag chain cable

Model	Colour / Wavelength (nm)	Operating voltage UB (V)	Operating current I (A) / 24 V
DOM CD150-R	red / 625	observe controller PLC2	0,7
DOM CD150-IR	infrared / 880	observe controller PLC2	1,0
DOM CD150-W	white / x=0,31 y=0,31	observe controller PLC2	1,0
DOM CD150-B	blue / 470	observe controller PLC2	1,0
DOM CD150-G	green / 525	observe controller PLC2	1,0

Operation mode	continuous / pulse	external controller PLC2 necessary Switching works over the operation voltage or VC analogue input with up to 30 V DC
Brightness regulation	Potentiometer / VC	Potentiometer 0 - 100 % VC brightness regulation 0 - 10 % when connected to a voltage of 1 - 10 V DC on the VC analogue input
Operation temperature	0 - 45 °C / 32 - 113 °F	
Weight	1,2 kg	
Protection class	IP 40	
Connection cable	1,5 m	drag chain cable, bending radius at least 72 mm, Lumberg-6 pin-plug

Wiring

observe the data sheet controller PLC2



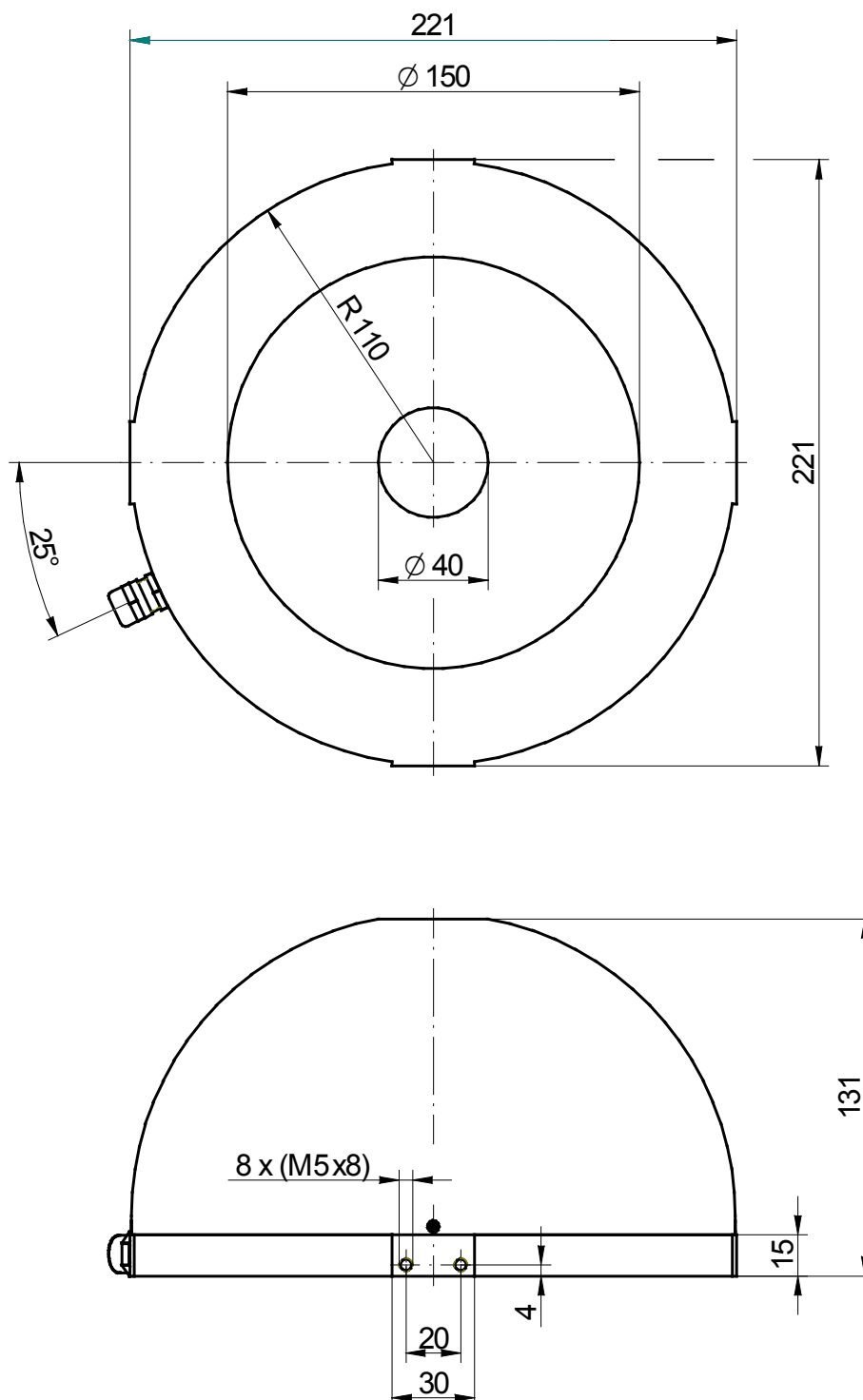
CONTINUOUS

PULSE

FLASH

CONTROLLER
INSIDE

Dome light CD150 - Technical drawing



Dome light CD150 - Order data

Composition of the product name

Model	Diffusor	Illumination colour	Brightness regulation	Trigger	Flash time
SQ / CRC/...	ALK - incident light, clear screen	R - red	VC - VC analogue input active	PLC	10...100 µs
	ALD - incident light, diffused, satin screen	IR - infrared	free - Potentiometer active	TTL	20...220 µs
	ALF - incident light fresnel lens (f=100 mm)	W - white			
	DL - transmitted light, highly diffused, white screen	B - blue			
	POL - polarisation filter	G - green			
		UV - ultraviolet			

DOM CD150	
Product number	Product name
11.63.001	DOM CD150-R
11.63.002	DOM CD150-IR
11.63.003	DOM CD150-W
11.63.004	DOM CD150-B
11.63.005	DOM CD150-G
external illumination controller - model PLC2 necessary	