

# Top Light Illumination

## DTL Series

Innovative LED lighting  
for machine vision



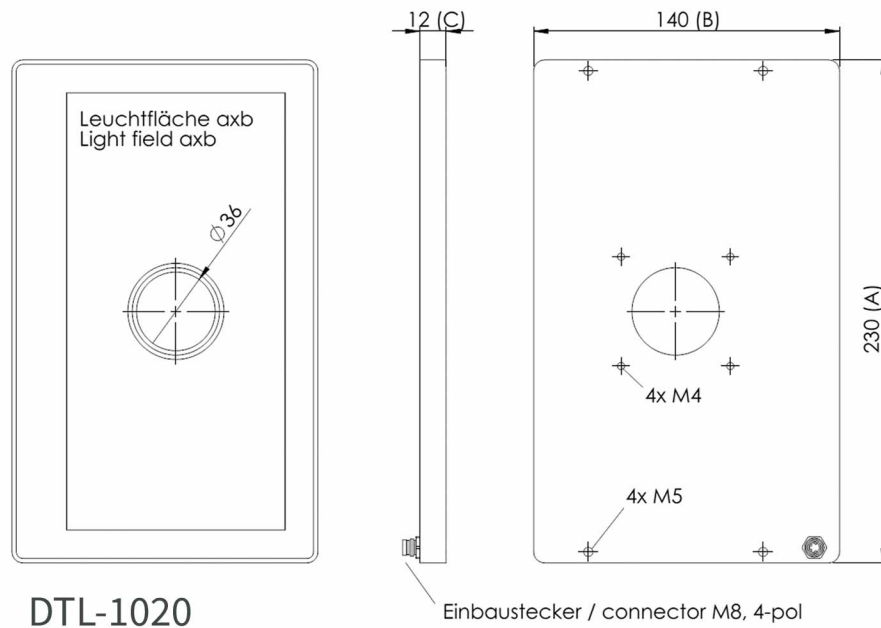
Flat dome lighting  
in various colors and dimensions

- High light efficiency
- Save operation
- High Quality
- Cost saving

Flat dome lights are ideal for the measurement or inspection of objects with low reflective surfaces in bright field. The optional camera and wall mounts make it easily possible to design compact light sensors. The new flexible controller concept allows an easy adaptation to different operation modes.

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## DTL Series



DTL-1020

Einbaustecker / connector M8, 4-pol

### Specification

Type of lighting	Flat dome lighting with diffuse incident light from above
Peak wave length	Red (RD): ~ 625nm / white (WT): ~460nm and ~560nm
Supply voltage	24 V DC +/- 10%
Connection	M8 (M12) male connector with 4 pin (5 pin)
Operation conditions	Temperature -10° to 30°C, humidity 30% to 70%

Model <sup>1</sup>	Light field	Dimension	LED color <sup>1</sup>	Steady power	Price <sup>2</sup>
DTL-0510	50x100 mm	100x150x12mm	white and red	9.4 W	210 €
DTL-1010	100x100 mm	150x150x12 mm	white and red	14.4 W	290 €
DTL-1020	100x200 mm	150x250x12 mm	white and red	22.0 W	360 €
DTL-2020	200x200 mm	250x250x12 mm	white and red	28.8 W	490 €
DTL-2030	200x300 mm	250x350x12 mm	white and red	36.0 W	690 €
DTL-1040	100x400 mm	145x440x12 mm	white and red	36.0 W	710 €

1) See web page for more models and LED colors 2) Price plus VAT, packaging and transportation costs

Operation Modes <sup>1</sup>	Mode description	Price <sup>2</sup>
( standard )	24V steady light, intergrated current source	+ 0 €
( -x )	External LED control only	- 20 €
( -i ) / ( -ic )	24V fast flash light, integrated voltage controller / camera connector)	+ 20 € / 40 €
( -jb )	24V overdrive flash light and steady light with dimmer	+ 20 €
Features	Automatic current Rsense detection for ( standard ) an ( -x ) models	

1) Some models do not support all operations modes. Please refere to the manual 2) Adaptation to the models base price