

PRODUCT HIGHLIGHTS

- ✓ High uniformity
- ✓ High intensity
- ✓ Suitable for imaging detail on reflective curved or uneven surfaces.
- ✓ Diffuse indirect light
- ✓ Reverse polarity protection



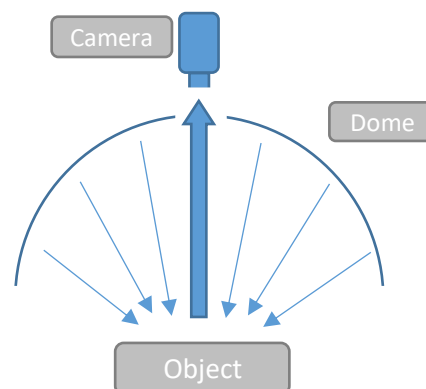
GENERAL SPECIFICATIONS

Specifications	DL075	DL116
Power supply	24 Vdc	24 Vdc
Max. current	0.35 Amp (Red)	0.50 Amp (Red)
Connector	M8 3-pin	M8 3-pin
Size (Outside diameter)	Ø 129 mm	Ø 174 mm
Light window area	Ø 75 mm	Ø 116 mm
Hole for camera	Ø 25 mm	Ø 25 mm
Working temperature	0-50 °C	0-50 °C

APPLICATIONS

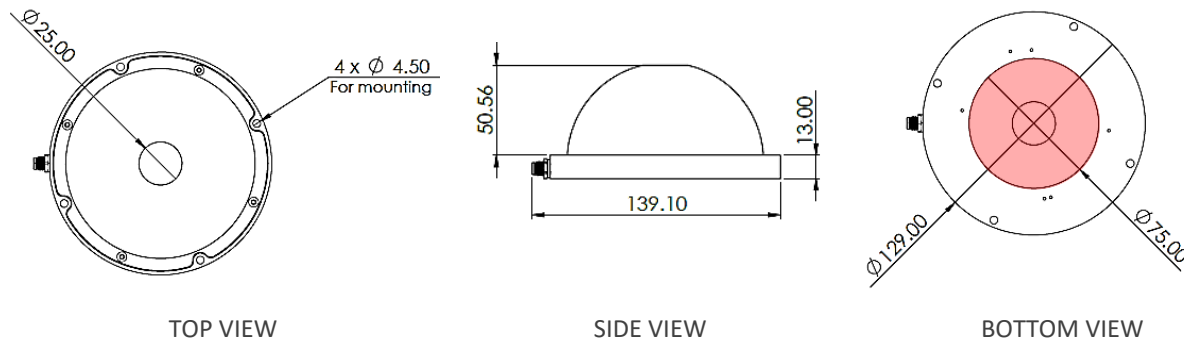
Dome illuminators are a source of diffuse and uniform light. Its wide and solid lighting angle supports the image of curved surfaces.

- Eliminating reflections shadows, ideal choice for glossy and curved surfaces
- Inspection of curved and uneven surface
- Inspection of highly reflective metal and glass surfaces.

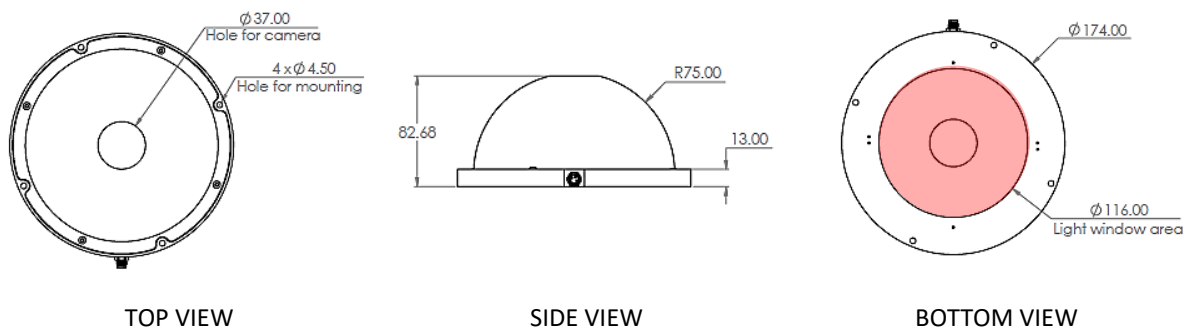


MECHANICAL SPECIFICATIONS

DL075

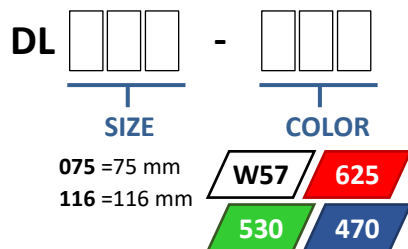


DL116



Dimensions are in millimeters

PART NUMBER KEY



Part Number Example:

DL075-625

Dome lighting Ø75mm, Red

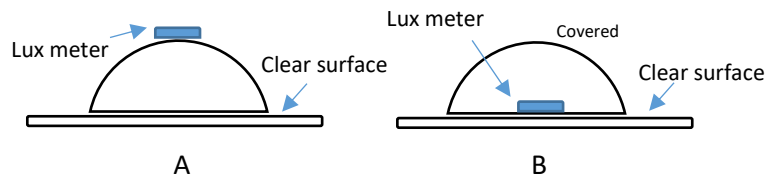
DL116-W57

Dome lighting Ø116mm, White

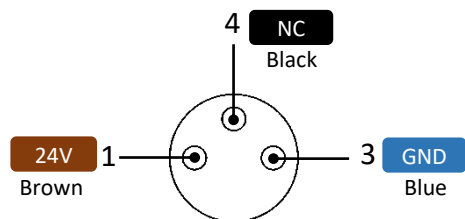
LIGHT PATTERNS

METER POSITION	ILLUMINATION (Lux)
A	28,800
B	30,600

Measurement taken on red light



WIRING INFORMATION

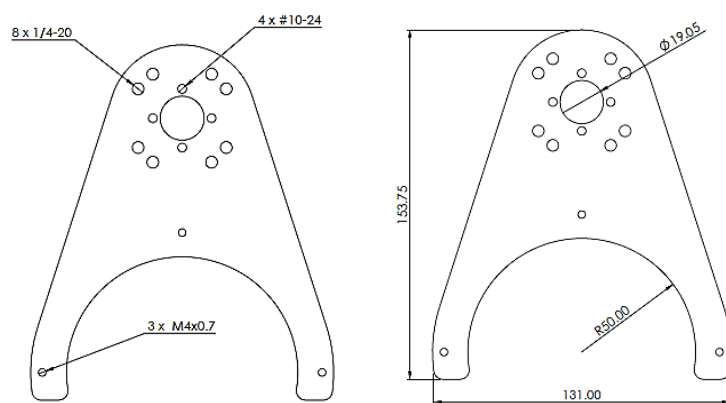


PIN	FUNCTION	WIRE COLOR
1	24 V	Brown
3	GND	Blue
4	NC	Black

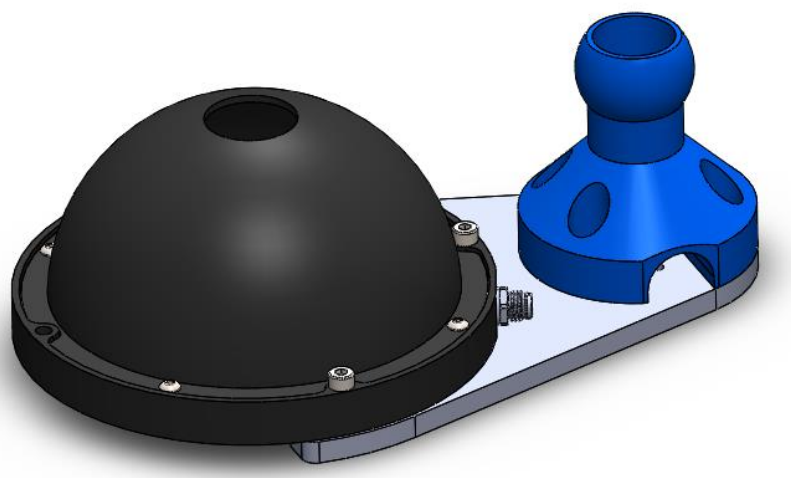
ACCESSORIES

AC001 - ALUMINUM MOUNTING BRACKET

* Compatible with ball bases of Swivellink **AFSB-1** y **AFSB-1XS**



Dimensions are in millimeters



Mounting example

POWER CABLE

Female - M8-3p connector



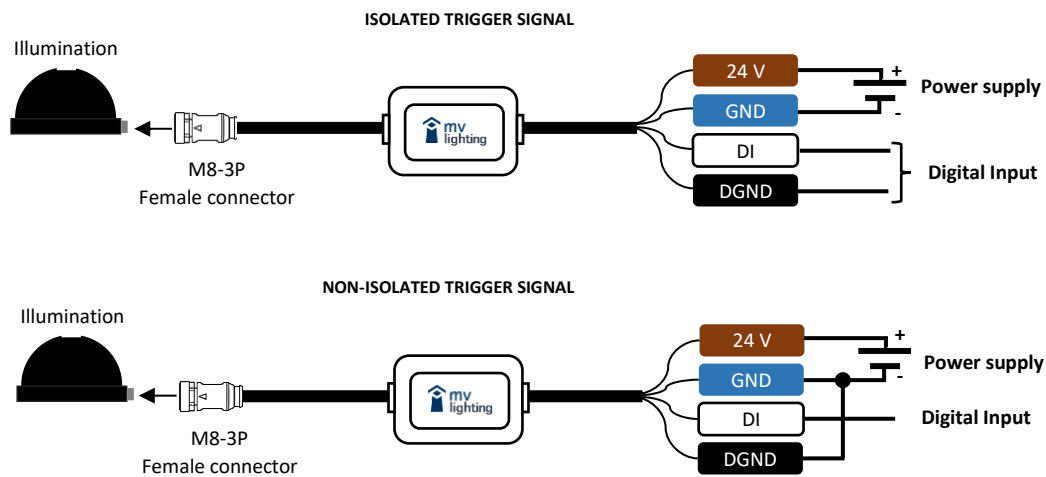
CT1 – TRIGGER CABLE

High power solid state relay to trigger the light.

WIRE COLOR	FUNCTION
Brown	24 V - Power supply
White	DI - Trigger (24V- Active High)
Blue	GND - Power supply
Black	DGND - Trigger Common



WIRING DIAGRAM



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