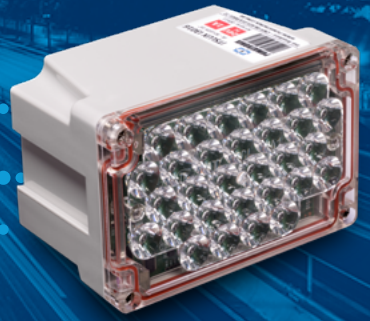


LIGHT EMITTING SOURCE

ITSLUX



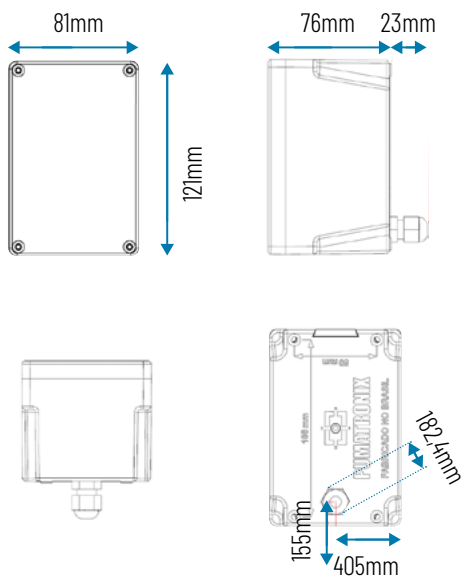
ITSLUX, PULSED LED LIGHT SOURCE

The **ITSLUX** line consists of light emitting devices for use in night applications or with low ambient lighting. It works similarly to a photographic flash and, according to the model, it may emit white or infrared light. When used in conjunction with the **ITSCAM** device line, it ensures perfect synchronization between light emission and image capture.

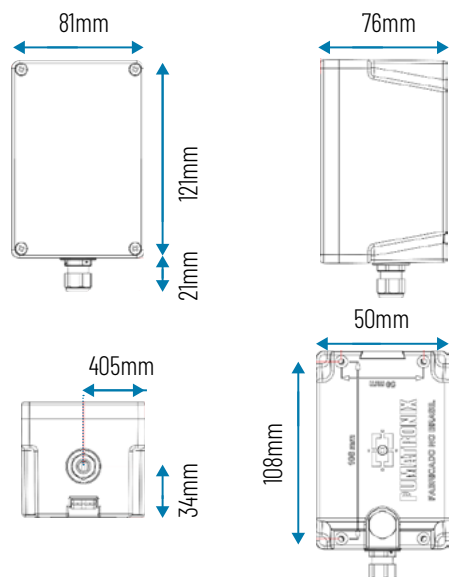
USES

- Traffic enforcement
- Truck scales
- Port terminals
- Urban Mobility
- Toll road operators
- Smart cities

Technical diagram of ITSLUX with rear power input



Technical diagram of ITSLUX with bottom power input.

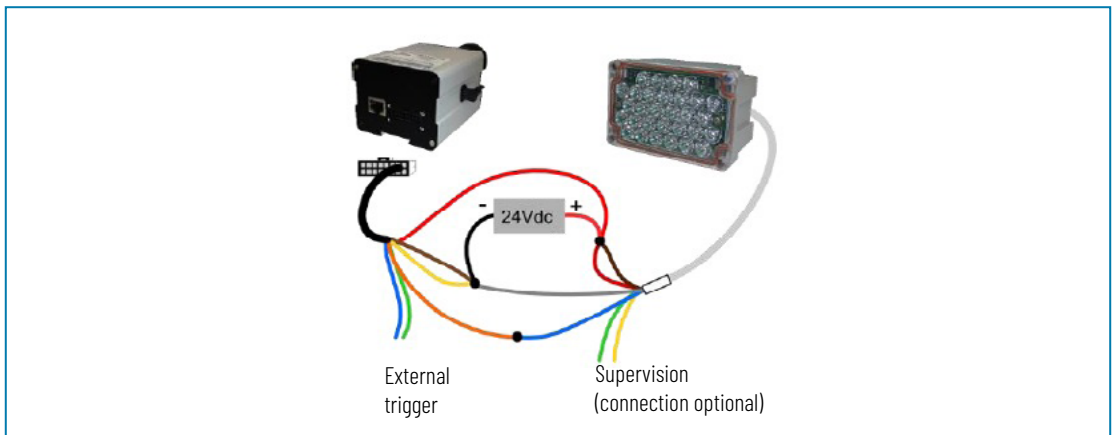


MAIN FEATURES

- High light output
- Low power consumption
- Emission of white light (visible) and infrared light
- Dynamic intensity control
- Communication interface for management
- Triggered by I/O or serial communication
- High-resistance enclosure
- Protection against overheating
- Models with emission angle from 16° to 90°
- Illumination of up to 28 meters
- Capacity for up to 16 shots per second
- Polycarbonate with IP67 and UV protection

TECHNICAL SPECIFICATIONS

Model	Emission angle	Recommended use	Emitted light	Frames per second
I1516	16°	15 to 21m	Infrared (not visible)	4 to 16
I1522	22°	4 to 8m		
I3016	16°	15 to 28m		
I3022	22°	4 to 14m		
I6022	22°	4 to 21m		
I6090	90°	0 to 3m	White (visible)	2 to 8
W6032	32°	4 to 12m		
W6075	75°	2 to 8m		
W6032-V	32°	4 to 8m		
W6075-V	75°	2 to 4m		
Power supply			24 to 32VDC (24 V model) 12 to 20 VDC (12 V model)	
Peak current			24 V model, 1A 12 V model, 3A	
Consumption (Stand by)			1W, 24 V and 12 V models	
Operating temperature			-10 °C to 60 °C	
Material			Polycarbonate with IP67 protection	
Dimensions			81 x 121 x 76mm (WxHxP)	
Weight			~ 500g	



Terminal	Signal	Description
Red	V+	Positive Voltage
Grey	GND	Ground
Yellow	RS-232_Tx	Tx Communication terminal
Green	RS-232_Rx	Rx Communication terminal
Brown	IN+	Positive trigger input
Blue	IN-	Negative trigger input

