COLOUR TEST BAR

TPL VISION
Active LED solutions

Dedicated for lab use: quickly **TEST** and **OPTIMISE** the wavelength selection for your machine vision projects

BASED ON EBAR ARCHITECTURE
to enable **easy scaling up** of vision system beyond wavelength optimisation



Product shown:
TEST-BAR-RGBWIR



5 ROBUST SWITCHES



SIZE: 150mm



SELECT ANY COLOUR

- **5 HIGH INTENSITY LEDS**
- **3 VERSIONS AVAILABLE:**
  - RGBWIR (visible)
    630, 525, 470 & 850nm, WHI 6500k
  - SWIR
    1060, 1200, 1300, 1460 & 1550nm
  - UVWHI
    365, 385, 395 & 405nm, WHI 6500k
- **SIMPLE CONNECTION WITH 24VDC & CURRENT CONTROL INSIDE**

Standard **M12 5P** connector



24V ±5% | CE | UKCA | RoHS

TPL VISION IS AN ISO 9001 CERTIFIED MANUFACTURER.

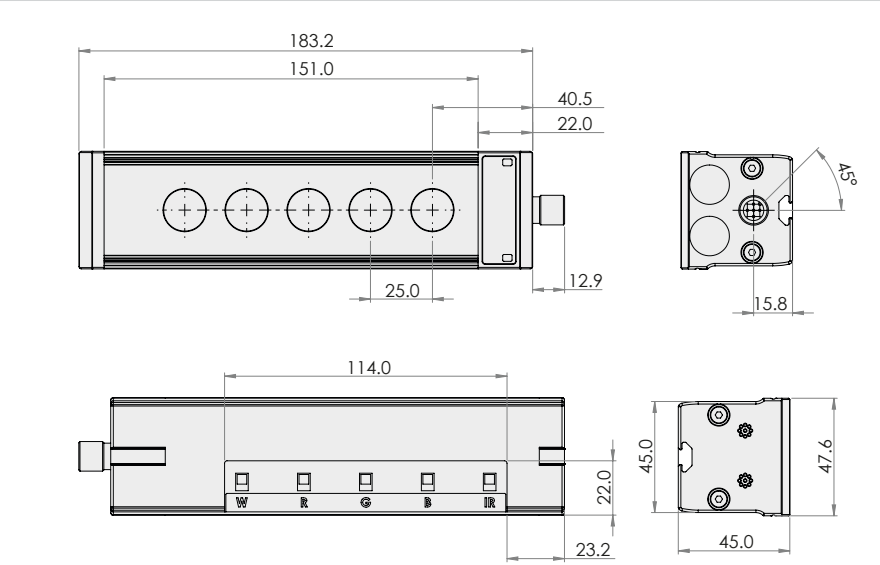
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TECHNICAL DATA & ORDER REFERENCES

Electronics	
Power Supply	24 VDC ±10%
Functioning Mode	Continuous Working / Switching
Wiring	M12 5P A-coded
Power Consumption	4W Max
Optics	
Wavelengths	• RGBWIR: 630nm, 525nm, 470nm, 850nm, WHI 6500k • SWIR: 1060nm, 1200nm, 1300nm, 1460nm, 1550nm • UVWHI: 365nm, 385nm, 395nm, 405nm, WHI 6500k
Mechanical	
Weight	340g
Materials	Aluminium/PMMA/PC/Nickel-plated Brass/ PA66 30% GF
Mounting/Fixing	T-SLOT
Environment	
Operating Temperature	0° to +40°C / 80% of humidity without condensation No thermal shock (max temperature variation: 10°C in 24h)
Storage Temperature	-20° to +60°C / 80% of humidity without condensation No thermal shock (max temperature variation: 10°C in 24h)
IP Rating	IP 20
Information	
Labels	RoHS / CE / UKCA / WEEE
Country of Origin	Made in France
Tariff Number	94054990

TECHNICAL DRAWING:



REFERENCE BUILDER:

RGBWIR:	TEST-BAR-RGBWIR
SWIR:	TEST-BAR-SWIR
UV+WHI:	TEST-BAR-UVWHI



Get more information:

www.tpl-vision.com

Features and presentations subject to modifications without prior notice. Ref.TS-100901-A1, 11/2026 Edition.