



COMPACT POWERFUL RING LIGHT

Compatible with the TPL-CONTROL-1



TRANSPARENT
VERSION compatible
with Angle Changers



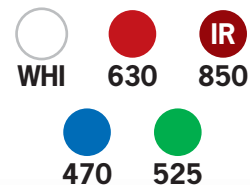
DIFFUSED
VERSION **not** compatible
with Angle Changers



ALUMINIUM ENCLOSURE



ANGLE CHANGERS



5 DIFFERENT COLOURS

- HIGH POWER LIGHTING
- INTERNAL Ø: **37mm**
- ROBUST MECHANICAL DESIGN
- INGRESS PROTECTION **IP67**
- ANGLE CHANGERS FLEXIBILITY
- OPTIMISED HEATSINK DESIGN FOR CONTINUOUS AND STROBING APPLICATIONS

EXTERNAL CONTROL REQUIRED



TPL-CONTROL-1

- CURRENTS OF UP TO 20A per channel
- FLEXIBILITY & SCALABILITY through modular design
- UP TO 16 CHANNELS
1 Master & 15 Slave units
- EASY CONFIGURATION via integrated website



TPL VISION IS AN **ISO 9001**
CERTIFIED MANUFACTURER.



FEATURES OVERVIEW

ROBUST, ANODIZED ALUMINIUM HOUSING

±5° LENS ANGLE

Add Angle Changers for diffusion and to change beam angle.

INTERNAL Ø 37 mm

C-MOUNT ADAPTOR

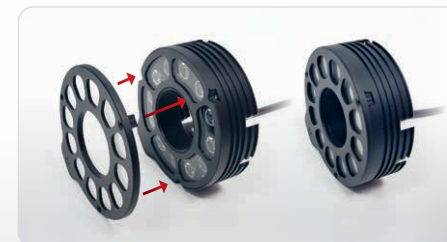
MAGNETIC ATTACHMENT

For testing **Angle Changers** and screws for fixing them in final application.

IP67 RATING

with **vent** to avoid condensation.

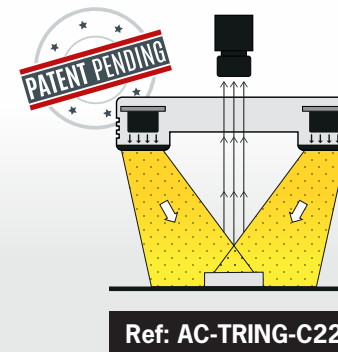
ANGLE CHANGERS:



EASILY ATTACH THE ANGLE CHANGER ACCESSORY

- **Narrow ±10°** (Standard & Polarised)
- **Medium ±17°** (Standard & Polarised)
- **Wide ±25°** (Standard & Polarised)
- **Polariser alone**
- **Convergent light**

CONVERGENT LIGHT:



REMOVE THE HALO EFFECT !

Modular M-TRING with a **Convergent** Angle Changer.



ORDER REFERENCES

Electronics	
Drive Requirement	TPL-CONTROL-1-M/S or other external constant current driver
Internal Current Regulation	None
Input Type	Passive LED load / unregulated LED array
Nominal Forward Voltage	See user manual for colour & current specific forward voltage
Drive Current Range	660 mA continuous mode, up to 6A strobe mode
Peak Power	Depends on peak current. Approx. peak power = Vf × Ipeak
Functioning Mode	Output controlled by external driver current and/or PWM/strobe signal
Rise and Fall Time	Determined by external controller, cable length and drive conditions
Wiring	LED+ / LED-
Protection	No internal over-current protection
Optics	
Colours	White, Red 630nm, Green 525nm, Blue 470nm & Infrared 850nm
Mechanical	
Dimensions	94.5x86x27mm (37mm Ø internal)
Weight	210g
Materials	Aluminium (anodised), ABS, PC, Stainless Steel, Neodymium
Environment	
Operating Temperature	-10° 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 Protection	IP 67
Information	
Labels	RoHS / CE / UKCA / WEEE
Country of Origin	Made in France
Tariff Number	94054990

More information
www.tpl-vision.com

M-TRING External Control:

M-TRING	VERSION	COLOUR	DIFFUSER OPTION
	EC (External Control)	WHI (white)	UN-DT (transparent)
		630 (red)	NL-DO (opaque)
		525 (green)	
		470 (blue)	
		850 (infrared)	

EXAMPLES:

- M-TRING External Control white LEDs opaque diffuser → M-TRING-EC-WHI-NL-DO

TPL-CONTROL-1:

TPL-CTRL	CHANNEL	VERSION
	1C (1 channel)	M (Master)
		S (Slave)

REFERENCES:

- TPL-CONTROL-1 MASTER → TPL-CTRL-1C-M
- TPL-CONTROL-1 SLAVE → TPL-CTRL-1C-S



ANGLE CHANGERS:

AC-TRING	ANGLE	OPTION: POLARISER
<p>Compatible with the M-TRING-EC-xxx-UN-DT ONLY</p>	N (narrow)	P1
	M (medium)	
	W (wide)	
	C22* (convergent)	
	POLARISER ONLY	
	POL1	

EXAMPLES:

- Narrow → AC-TRING-N
- Narrow with polariser → AC-TRING-N-P1

*Polarised option does not include the Convergent Angle Changer

ADD-ON ORDER REFERENCES

SWIVEL MOUNT



Ref: SWIVEL-MOUNT-T

ACCESSORY FOR CAMERA



Ref: TPL-MOUNT-M-TRING-V1

MOUNTING BRACKET



Ref: TPL-MOUNT-LBRACKET1

CONVERTER



Gives the M-TRING-EC the **same mounting positions** as the old HPRING.

Ref: TPL-M-TRING-HPR-CONVERTER

C-MOUNT ADAPTOR



Ref: TPL-RMOUNT-CM

ADAPTOR M25.5



Ref: TPL-RMOUNT-M25.5

ADAPTOR M27



Ref: TPL-RMOUNT-M27

ADAPTOR M30.5



Ref: TPL-RMOUNT-M30.5



Get more information:

www.tpl-vision.com