



- Pulsed or continuous Light
- 30% overdrive when pulsed
- White LED
- Option: color LED
- Long lifetime (50.000 h+)
- Small size
- Low heat radiation
- Less power consumption

WE BUILD THINGS THAT WORK THE WAY YOU WISH THEY WOULD.

MultiLed products cover all applications of high speed cameras and many applications in the machine vision market. Some family members e.g. cover sub microsecond exposure time, monochromatic light or give you enough light to fully close aperture at some microseconds exposure time. Designed from a decade of experience with thousands of customer projects in mind, MultiLed products offer ultra strong lighting at an affordable price.

MULTILED PT - KEY FEATURES

- 24 High power LEDs, 84 Watt, 24 Volt (7.700 lm in continuous mode, 10.000 lm in overdrive mode)
- Potentiometer for brightness control
- BNC TTL trigger input up to 30 kHz, invertable or continuous
- Robust and highly available XLR jack
- fan inside
- Environmental protection: as IP20
- bottom 1/4" standard thread for photographic accessories and mount
- Lenses: standard 15° FWHM
- Dimensions: 160*117*80 mm
- Power supply and 5m XLR cable included.
- Option: longer cables or other cable types on request.

PT 15 DEGRESS LENS - PULSED MODE (OVERDRIVE)			Available lenses
DISTANCE	INNER CIRCLE (DIAMETER/LUX)	OUTER CIRCLE	White
2m	300 mm / 18.000	500 mm / 10.500	15°
1.5m	200 mm / 30.000	450 mm / 12.000	20°
1.2m	200 mm / 42.000	350 mm / 24.000	30°
0.5m	100 mm / 180.000	--	50°
0.1 mt	00 mm / 720.000	--	60°
			120°

ALTERNATIVE LED TYPES (STANDARD: COLD WHITE 7.700 lm for continuous)			
Color	Med Wavelength nm	Luminous Flux lm	Radiant Flux mw
80 CRI White	Warm white	6.000	-
Royal Blue	455	-	20.160
Blue	475	2.000	-
Green	530	4.700	-
Amber	590	2.250	-
Red Orange	615	3.400	-
Red	625	2.850	-
Photo Red	660	-	20.160
Far Red	730	-	13.100

All specifications without guarantee, errors and omissions expected, subject to changes





MultiLED PT

MULTILED PT

Emitter	24 High Power Leds
Power Consumption	100W
Supply Voltage	24 Vdc
Bundled Power Supply	Standard Desktop PS 24 V 120 W
Luminous Flux	white, 7700 Lumen
Power Connector	XLR 3 Pin
Heat Dissipation	heat sink w. temperature controlled fan
Environmental temp. (operation)	-25° - 40° C
Environmental temp. (storage)	--25° - 80° C
Overheat Protection	Thermo switch 80°C (fuse 80°C before 1-oct-2011). Thermo switch turns off power at 80°C and turns on when temperature falls < 60°C.
Environmental Protection	as IP 20
Mounting Options	bottom 1/4" standard thread
Standard Lenses	15° FWHM
Alternative Lenses	20°, 30°, 50°, 60°, 120°
Dimensions	+/- 5mm 165x120x82 mm
Weight	1100 g

ALTERNATIVE POWER SUPPLIES (EXCEPT R100)

DIN Rail	1 - n units
G3	3 units, 1 BNC TTL Trigger input
G3 19"	3 units, 1 BNC TTL Trigger input
G6 19"	6 units, 2x BNC TTL Trigger input

