

# LTLAC1-W

Diffusive strobed low angle ring light illuminator - large size medium power white

## SPECIFICATIONS

### Optical specifications

Number of LEDs		40
Light color		white, 6500K
Spectral FWHM	(nm)	-
Diffusive ring		yes
Illumination area diameter	(mm)	100
Suggested working distance WD	(mm)	5-50
Minimum estimated illumination at driving current = 3.5 A 1	(klux)	35
Minimum estimated illumination at driving current = 7.5 A 1	(klux)	70
Minimum estimated illumination at driving current = 17.0 A 1	(klux)	125
Aperture range	(mm)	102 (fixed)

### Electrical specifications

Power supply mode		strobe only, constant current driving
Driving current, min	(A)	3.5
Driving current, max	(A)	7.5
Pulse width 2	(ms)	≤ 1
Connection type 3		M12 industrial male connector
Estimated MTBF 4	(hours)	> 50000
Pin 1		LED +
Pin 2		LED +
Pin 3		LED -
Pin 4		LED -

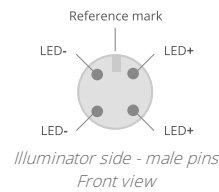
### Mechanical specifications

Length	(mm)	206
Width	(mm)	206
Height	(mm)	76
Material		black anodized aluminum body

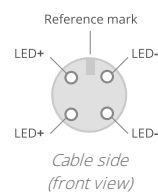
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### CONNECTION



- thread: M12, industrial
- description: receptacle, straight
- plug-in contact type: male
- number of contacts: 4



- | PIN  | CABLE COLOR |
|------|-------------|
| LED+ | Black       |
|      | Brown       |
| LED- | Blue        |
|      | White       |
- Do not remove parallelization



Clamping system	8 threaded holes for M6 screw
Compatibility	
Strobe controllers	LTDV1CH-7,LTDV6CH
Lenses	TCxx036, TCxx048, TC12056, TC23056, TC13064, TCxx064, TC2MHR036-x, TC2MHR048-x, TC2MHR056-x, TC2MHR064-x, TC4MHR036-x, TC4MHR048-x, TC4MHR056-x, TC4MHR064-x, TC16M036-x, TC16M048-x, TC16M056-x, TC16M064-x, TC12K064, TCLW series, TC4K060-x, TCZR072, MCZR025-006, MCZR018-004, MCZR014-003, MC033X, MC12K200X-x, MC12K150X-x, MC12K100X-x, MC12K067X-x, RT series, MC4K050X-x, MC4K075X-x, MC4K100X-x, MC4K125X-x, MC4K150X-x
Cable	CBLT001, CBLT002
Environment	
Operating temperature	(deg) 0-40
Storage temperature	(deg) 0-50
Humidity	20-85% non condensing
IP rating	-
Installation	indoor use only

#### NOTES

1. At max Working Distance W.D.
2. At 25°C. At max pulse width (1 ms), max pulse frequency = 15 Hz.
3. 5 m cable with straight female connector included. Optional cable with right angled connector is also available and must be ordered separately (refer to our website for further info and ordering codes).
4. At 25°C.

#### COMPATIBLE PRODUCTS



LTDV series  
Strobe controllers

LTDV6CH	Strobe controller 6 channels
LTDV1CH-7	Strobe controller 1 channel 7.5 A