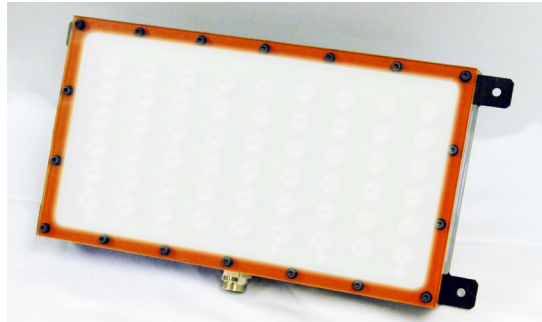


# Ruggedized Washdown Area Front Light

Model#: MT-FL300x150



The MT-FL300x150 is a cost effective and “integrator ready” high power illuminator with versions that include a built-in constant current driver version (simply provide 24VDC to operate), Strobe-only version (simply provide 24VDC and trigger signal) and ULC-2 version (external constant current controller version for DC & strobe operation).

- HIGH POWER, LARGE AREA FLOOD LIGHT
- IP67 RATED WATER TIGHT ENCLOSURE
- AVAILABLE IN VARIOUS WAVELENGTHS(COLOR)
- RUGGED BLACK ANODIZED HOUSING
- OPTIONAL 0-10VDC INTENSITY CONTROL

## SPECIFICATIONS

Current Consumption	3.3A @ 24VDC
Finish	Black Anodized Aluminum
Wavelength	White (6000K), Red, Green, Blue, IR, UVS, UVL
Weight	15lbs / 6,803g
Operating Temperature	-30°C - +60°C
Illuminance	168,000 Lux / 7,200 Lumens
Compliance	CE/RoHS
Seal	Gasket
Lifetime Hours	75,000 Hours

## Active Area

L: 11.82in/ 300.23mm  
W: 5.91in/150.11mm

## Enclosure Dimensions

L: 15.5in / 393.7mm  
W: 7.75in / 196.85mm  
H: 4.26in / 108.1mm

## IEC 62471 COMPLIANT

LED COLOR	RISK GROUP
RED, IR	Exempt
UVS Green, RGB, White, Blue	1
UVS (365NM)	2

## APPLICATIONS

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Large Work Envelopes</li> <li>• Packaging Food &amp; Drugs</li> <li>• Wet Locations</li> </ul> | <ul style="list-style-type: none"> <li>• Washdown Applications</li> <li>• Liquid Filling</li> </ul> |
|---|---|

## DOMINANT WAVELENGTH:

PARTS	COLOR
MT-FL300x150-W	White 6000K
MT-FL300x150-R	Red 630nm
MT-FL300x150-B	Blue 470nm
MT-FL300x150-G	Green 530nm
MT-FL300x150-IR	Infrared 850nm
MT-FL300x150-UVL	UVL 395nm
MT-FL300x150-UVS	UVS 365nm

# Ruggedized Washdown Area Front Light

Model#: MT-FL300x150

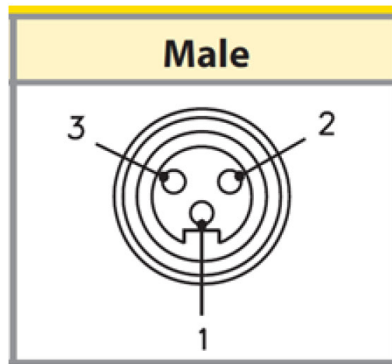


**Vision Light Tech**  
creating optical solutions

Technologies, Inc.

## Wiring Diagram

### Power Connector On light



Note: Requires cable such as Turck part# RKM30-\*XM, not included  
(\*X=Length in Meters)

Pin#	Cable Color	FUNCTION	
		<u>Non-dimming Version</u>	<u>Optional Dimming Version</u>
1	Green/Yellow	n/a	0-10V DC (dimming)
2	Brown	24V DC	24V DC
3	Blue	0V DC	0V DC

### Contact Us:

Contact your Metaphase Technologies Representative for options including: Higher Intensity, Polarization, Diffusion, Wavelength, and IP rating, etc

#### Vision Light Tech B.V.

Protonenlaan 22, 5405 NE UDEN, P.O. Box 345, 5400 AH UDEN, The Netherlands

Phone: +31 (0)413 26 00 67, Fax +31 (0)413 26 09 38, E-mail: [inquiry@vlt.nl](mailto:inquiry@vlt.nl), Website: [www.vlt.nl](http://www.vlt.nl)

Trade register No. 17150044, VAT No. NL8112.30.946.B01