

# Machine Washable LED Light VLWL Series



## ■ Highlights

- Designed for harsh industrial environments
- Safe power supply voltage
- 316L stainless steel & PMMA & Aluminum matereals
- IP68 protection for underwater installation
- Optional light color
- Optional light angle reflectance

## ■ Applications

V5 Group offer a broad and varied range of washdown lights, suitable for a whole range of machine vision applications. Featuring 100% waterproof stainless-steel enclosures specially designed for the food industry and washdown environments, these lights can happily withstand environments where water and harsh detergents are present, they are widely used in the following sectors, such as:

- Food&Beverage Industry
- Marine sector
- Machine tool sector
- Pool & Fountains
- Conveyor system
- Paper and printing industry
- Mechanical Engineering

## ■ P/N table

Light color	Length: 526mm	Length: 1026mm
5000k	VLWL-S316-5000K-526-24DC-2M	VLWL-S316-5000K-1026-24DC-2M
4000k	VLWL-S316-4000K-526-24DC-2M	VLWL-S316-4000K-1026-24DC-2M
3000k	VLWL-S316-3000K-526-24DC-2M	VLWL-S316-3000K-1026-24DC-2M
2700K	VLWL-S316-2700K-526-24DC-2M	VLWL-S316-2700K-1026-24DC-2M

## ■ Lighting moods with different color temperatures table

Color temperature	Light color	Description	Applications
2700k	Warm white	Comfortable, warm, cozy light	Living room, bedroom
3000k	Bright warm white	Homey light, slightly brighter than warm white	Living space, exterior, restaurants
4000k	Natural white	Brightly appealing light	Bathroom, kitchen, basement, garage
from 5300k	Daylight white	Similar to daylight, with high proportion of blue	Industrial areas, classrooms

## ■ Product parameters

ELECTRICAL SPECIFICATIONS			
	Max. Power	24W	24W(RGB)
	Input Voltage	DC24V	
	Input Current		
MECHANICAL SPECIFICATIONS			
	Material	316 stainless steel (Tube closing brackets) & PMMA (Transoerent tube matereal) & Aliminum (Intire reflector matereal)	
	Housing Color	Transparent tube	
	Dimension	Ø 44mm x L 1026mm	
	Weight	1.6kg	
	IP Grade	IP68	
OPTICAL SPECIFICATIONS			
	Light Efficiency	> 100lm/w	
	CRI	Ra>80	
	Beam Angle	20° x 50°/ 30° / 45° / 60° / 90° / 120°	
	LED Brand	CREE XPE	
	LED Chip Unit Power	3W	
	LED Chip Quantity	24pcs LEDs	
	Light Source	R/G/B/W/RGB	
	Color Temperature	Warm White(2700 ~ 4000K);	
		Pure White(4000 ~ 5000K);	
		Cool White(>5000K)	
	LED Wave Length	Red: 620 - 630nm;Green:520 - 525nm;	
		Blue:465 - 470nm; Amber:590 - 595nm.	
	Life Time	50,000 hrs	
Control mode	Power on/off/DMX/WIFI		
ENVIRONMENTAL SPECIFICATIONS			
	Environment Humidity	0 ~ 85%RH	
	Storage Temp.	-40° ~ +80°	
	Operating Temp.	-25°C ~ +50°C (-13°F ~ +122°F)	
INSTALLATION SPECIFICATIONS			
	Niche	Surface-mount by angle adjustable bracket	

## ■ Dimension

Model P/N: VLWL-S316-5000K-1026-24DC-2M

