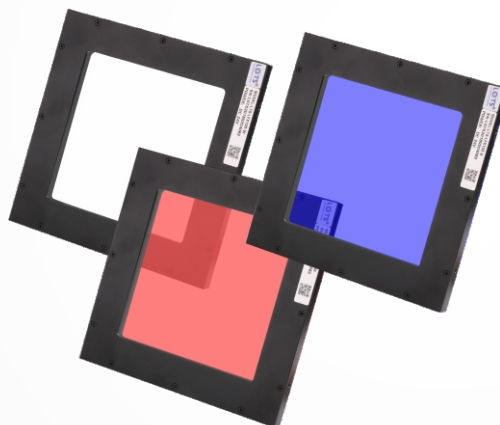


Flat Shadowless Light LFX Series

- ◆ With coaxial and shadowless light effect.
- ◆ High transmission of light, high uniformity.
- ◆ Compact, easy to install.

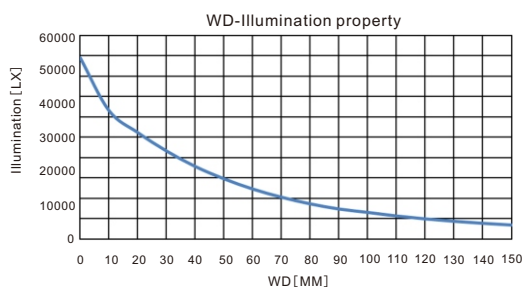


Applications

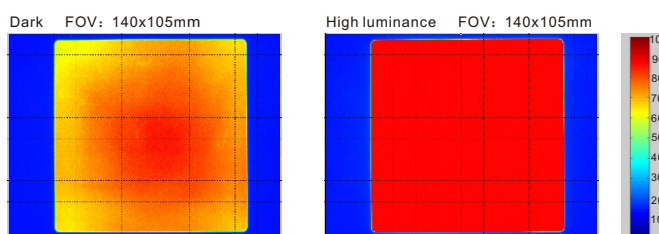
Narrow installation space environment inspection / edge contour inspection / outline defect inspection / impurity liquid level inspection

Illumination property diagram

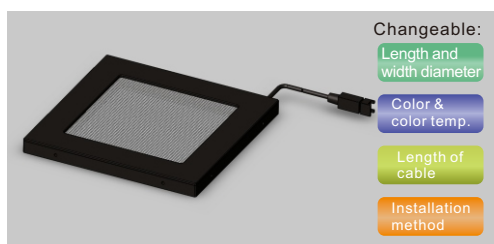
Model: LTS-LFX100-W



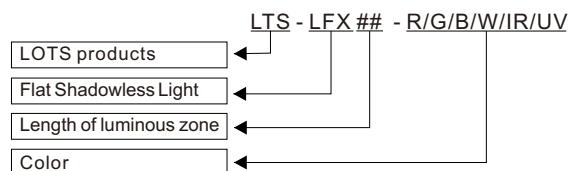
Uniformity (Relative irradiance)



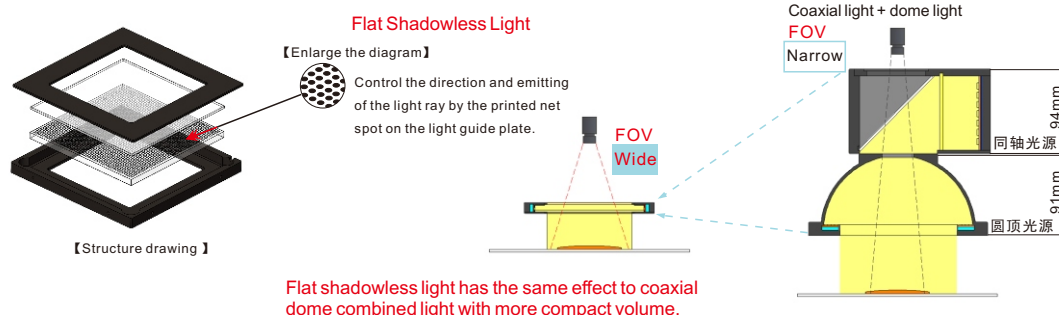
→ Customized



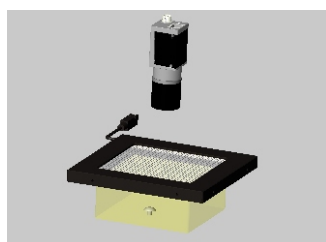
→ Coding rule



→ Imaging instance: dirty part inspection

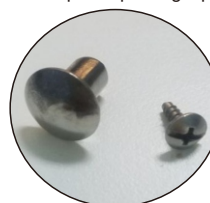


→ Imaging instance: dirty part inspection



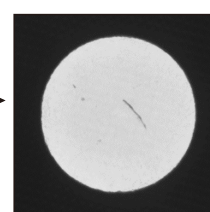
Content	dirty part inspection
Workpiece	rivet
Light model	LTS-LFX100-W
Result	obvious defect

Workpiece photograph



Dirty part inspection

LTS-LFX100-W



Uniform image, high contrast defect, easy to inspect.



<http://www.lotsmv.com>

Customized color









On-site technical support

Sample free rent service

Flat Shadowless Light

LFX Series

→ Light parameters

Product	Model	Voltage	Power	Color	Peak wavelength / color temperature	Weight	Option	Adapted controller	Dimen-sion	Com-mon	Remark
Flat Shadowless Light	LTS-LFX100	24V	7.7W		Red: 620~630nm Green: 525~530nm Blue: 465~470nm White: 6600K (color temperature)	413 g	—	Strobe controller (P146)	1	Y	
			12.0W	  		Analog controller (P152)					
	LTS-LFX150	24V	11.5W			620 g		Digital controller (P159)	2	N	
			17.3W	  							
* UV & IR light can be customized as required.											

* UV & IR light can be customized as required.

★ 1) Operating environment: Temperature 0-50°C,
Humidity 20-85% (Non-condensation)

2) Life-span: 50000h(Reduce 50% luminance of factory default)

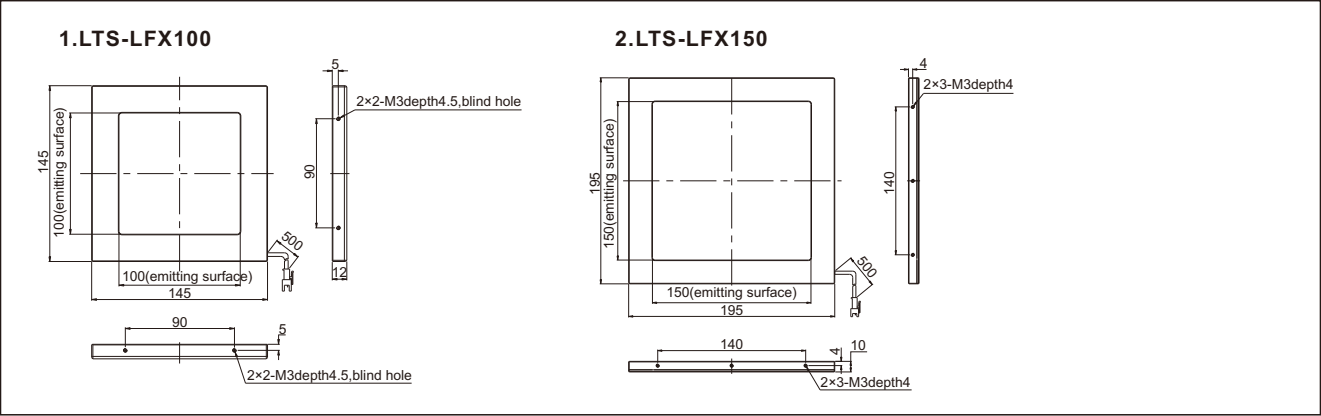
3) Value-added service: One year free technical support, sample free rent

※ 1) PVC extension cable: high flexibility, bending resistance, high temperature resistance, apply to use inside of device.

2) High flexibility extension cable: harder and more abrasive resistance than PVC, apply to drag chain system production line.



→ Boundary dimension(mm)



Line scan illumination light	3LINH
	3LINL
	3LIN
	2LINS
Structured light	2LIN
	2COXL
	2LINM
	SDL
Ring illumination	STL
	RN
	RNH
Shadowless illumination	SRN
	HPR
	FPR
	DML
	LFR
	3DM
	2DM
	LFX
	FPQ
	RIH
Bar illumination	DL
	3BRH
	2BR
	2BRS
Coaxial illumination	2BRM
	3COH
	3CON
	COXR
	3COX
	COPA
	HSL
Multi-angle illumination	2SL
	SL
	RNMU
Back illumination	AOI
	2FTB/2FTR
	FTC
	2FT/3FT
	2PFT/3PFT
Waterproof illumination	LIP
	IP
Infrared light	IR
Ultraviolet light	UV
Customized	Customized
Controller	PS
	PD
	2DRC
	3STU
	APC
	DPC
	2APC
	DPA
Lenses	2ACC
	2DPC
	Area scan
	Line scan

Customized color

On-site technical support

Sample free rent service



<http://www.lotsmv.com>