

Narrow Angle Coaxial Light New

3CON Series

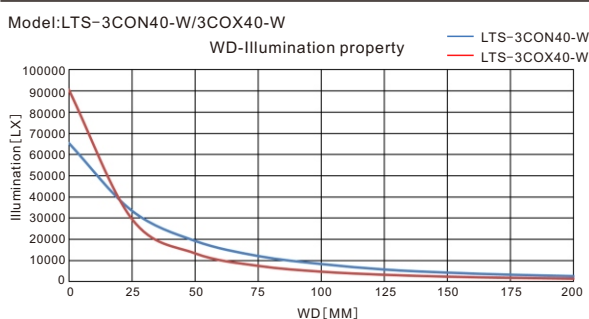
- ◆ High uniformity, high luminance.
- ◆ Light ray is approximate parallel.
- ◆ Apply to mirror surface.



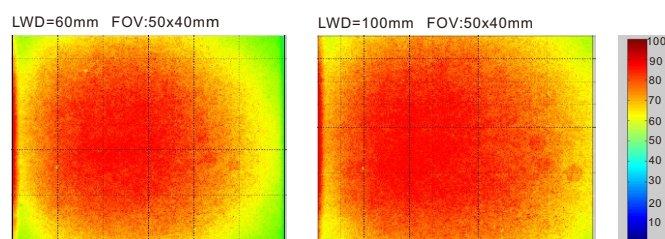
Applications

The defect inspection of reflective surface / Mark position location/ The crack or scratch inspection of metal surface / edge measure contour inspection

Illumination property diagram

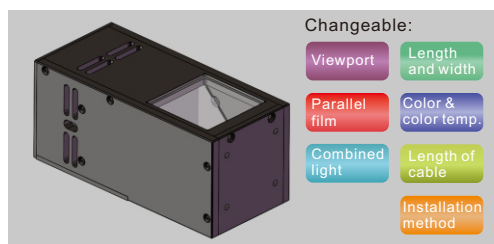


Uniformity (Relative irradiance)



*Above diagram only for reference

→ Customized

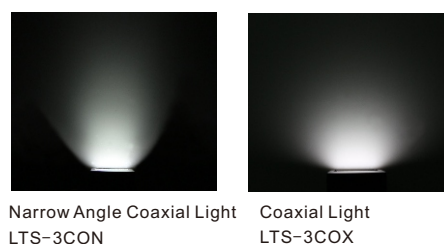


→ Wire jacket



Cover wire jacket. Fan and light are powered independently.

→ Narrow angle light



→ Effect contrast photograph

Narrow Angle Coaxial Light:
LTS-3CON40-W



Coaxial Light :
LTS-3COX40-W

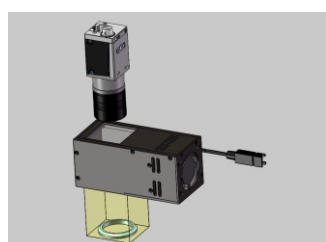


■ The surface character inspection of electronic components

Imaging in the same testing environment.

Narrow angle coaxial light: LTS-3CON40-W with high luminance, the photograph has better contrast and more steady effect.

→ Imaging instance: character inspection



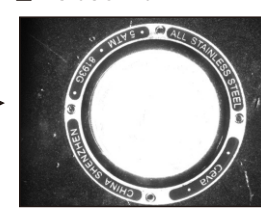
Content	character inspection
Workpiece	shell of watch
Light model	LTS-3CON40-W
Result	typeface legibility

■ Workpiece photograph



Character inspection

■ LTS-3CON40-W



White character, black background, obvious contrast.



<http://www.lotsmv.com>

Customized color

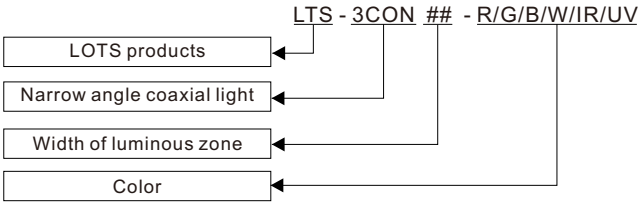
On-site technical support

Sample free rent service

Narrow Angle Coaxial Light

3CON Series

→ Coding rule



→ Light parameters


Narrow angle coaxial light	LTS-3CON30	24V	5.8W	R	Red: 620-630nm Green: 525-530nm Blue: 465-470nm White: 6600K (color temperature)	122 g	—	Strobe controller (P146) Analog controller (P152) Digital controller (P159)	1	Y	
			8.7W	G B W							
	LTS-3CON40	24V	8.7W	R		159 g			2	Y	
			10.1W	G B W							
	LTS-3CON50	24V	14.4W	R		331 g			3	Y	
			21.6W	G B W							
	LTS-3CON60	24V	17.3W	R		393 g			4	Y	
			28.8W	G B W							
	LTS-3CON80	24V	30.3W	R		520 g			5	Y	
			50.4W	G B W							
	LTS-3CON100	24V	49.0W	R		648 g			6	Y	
			73.5W	G B W							


* 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)

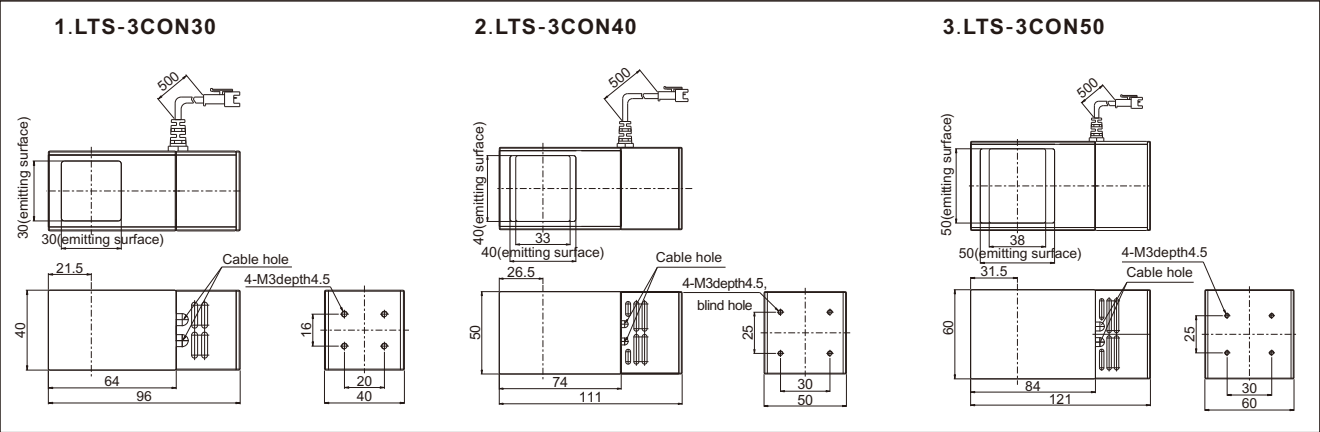
3) Value-added service: One year free technical support, sample free rent
- ※ 1) PVC extension cable: high flexibility, bending resistance, high temperature resistance, apply to use inside of device.

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

→ Boundary dimension(mm)



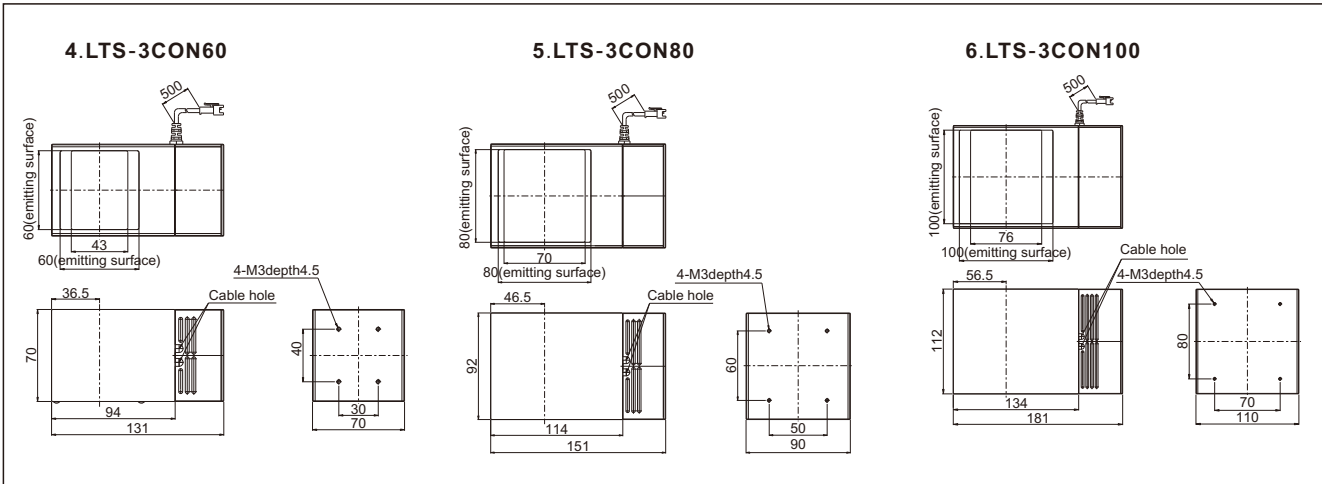
Line scan illumination light	3LINH
	3LINL
	3LIN
	2LINS
	2LIN
Structured light	2COXL
	2LINM
	SDL
Ring illumination	STL
	RN
	RNH
Shadowless illumination	SRN
	HPR
	FPR
	DML
	LFR
	3DM
	2DM
	LFX
	FPQ
	RIH
Bar illumination	DL
	3BRH
	2BR
	2BRS
	2BRM
Coaxial illumination	3COH
	3CON
	COXR
	3COX
	COPA
Multi-angle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

Narrow Angle Coaxial Light

3CON Series

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

→ Boundary dimension(mm)



<http://www.lotsmv.com>

Customized color

On-site technical support

Sample free rent service