

Dome Shadowless Light

2DM Series

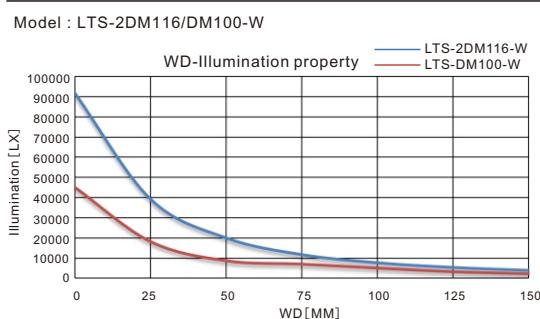


3LINH	Line scan illumination
3LNL	
3LIN	
2LINS	
2LIN	
2COXL	
2LINM	
SDL	
STL	Structured light
RN	
RNH	
SRN	
HPR	
FPR	
DML	
LFR	
3DM	
2DM	Shadowless illumination
LFX	
FPQ	
RIH	
DL	
3BRH	
2BR	
2BRS	
2BRM	
3COH	
3CON	
COXR	
3COX	
COPA	
HSL	
2SL	
SL	
RNMU	
AOI	Multic-angle illumination
2FTB/2FTR	
FTC	
2FT/3FT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

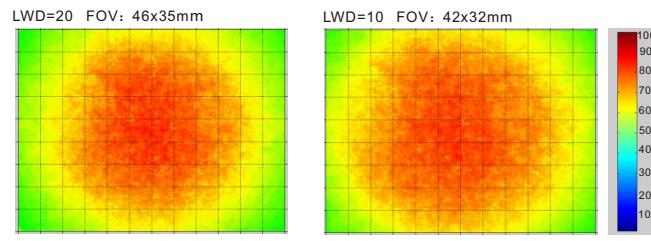
- ◆ High uniformity, large emitting area.
- ◆ Adopt lightweight design, high luminance.
- ◆ Frame fixed method, more uniform stress, more fastness and more reliable when long time using.
- ◆ Flexible outline, can be customized.

Applications Reflect light, unflatness surface inspection / IC surface character inspection / condenser surface defect inspection / ring-pull can defect inspection

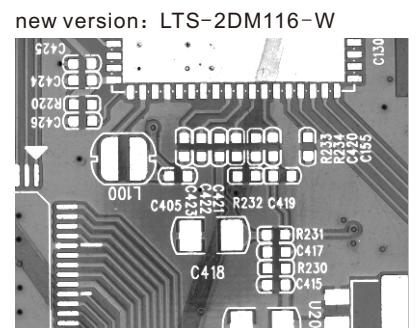
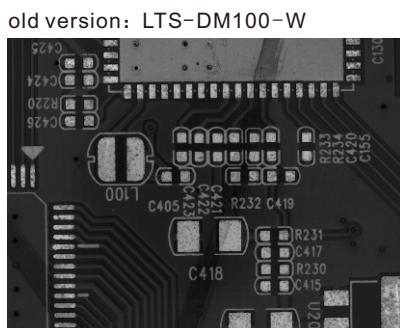
Illumination property diagram



Uniformity (Relative irradiance)



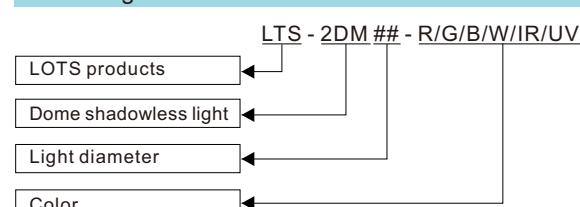
→ Effect contrast photograph



→ Customized



→ Coding rule



→ Imaging instance: obvious dirty part

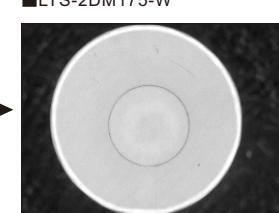


Content	dirty part inspection
Workpiece	paper cup
Light model	LTS-2DM175-W
Result	obvious dirty part

■ Workpiece photograph



■ LTS-2DM175-W



<http://www.lotsmv.com>

Customized color

On-site technical support

Sample free rent service

Dome Shadowless Light

2DM Series

→ Light parameters

Product	Model	Voltage	Power	Color	Peak wavelength / color temperature	Weight	Option	Adapted controller	Dimension	Common	Remark
Dome shadowless light	LTS-2DM116	24V	7.7W	R	Red: 620-630nm Green: 525-530nm Blue: 465-470nm White: 6600K (color temperature)	275 g	—	Strobe controller (P146)	1	Y	AI
	LTS-2DM175	24V	11.5W	G B W		500 g		Analog controller (P152)	2	Y	
	LTS-2DM198	24V	12.5W	R		612 g		Digital controller (P159)	3	Y	
	LTS-2DM260	24V	13.0W	G B W		924 g			4	Y	
			13.4W	R							
			22.1W	G B W							
			20.2W	R							
			30.2W	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

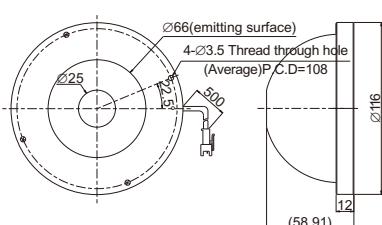
※ 1) PVC extension cable: high flexibility, bending resistance, high temperature resistance, apply to use inside of device.

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

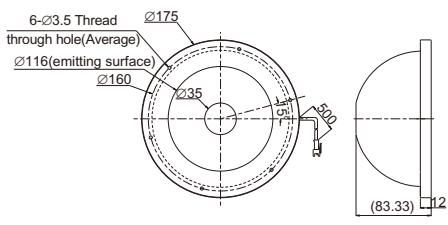


→ Boundary dimension (mm)

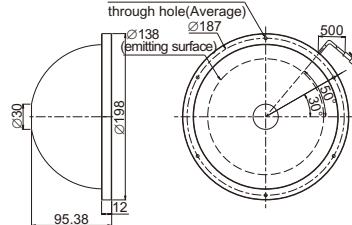
1.LTS-2DM116



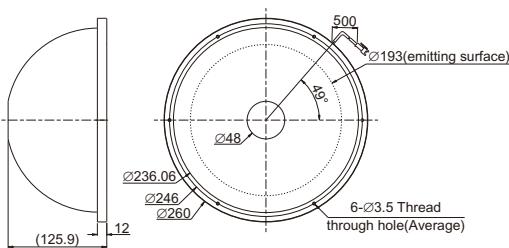
2.LTS-2DM175



3.LTS-2DM198



4.LTS-2DM260



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

Customized color

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Sample free rent service



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