

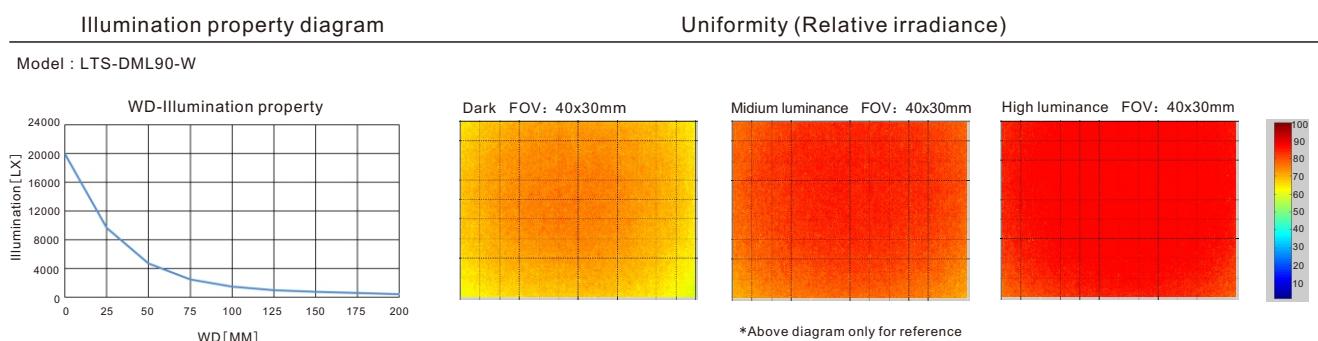
# Milti-direction Shadowless Light DML Series

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

- ◆ LED vertical direction, fasten to light side.
- ◆ Special diffuser, reflect ring illumination.
- ◆ Provide high uniform emitting to multi slope.



Applications Surface character and pattern recognition / Metal object edge location, measure inspection



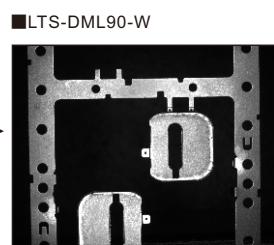
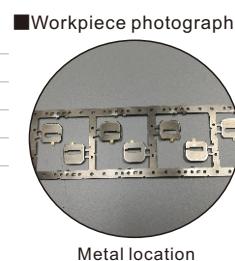
## → Customized



## → Imaging instance: metal location

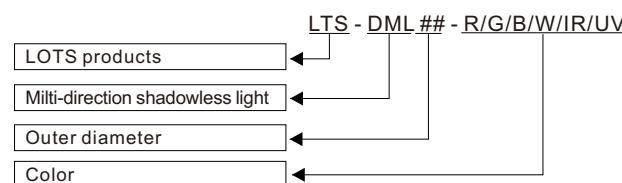


Content	metal location
Workpiece	shrapnel
Light model	LTS-DML90-W
Result	high contrast and uniformity



Reflect light metal shrapnel, high uniform diffuse light used, highlight the location inspection characteristic.

## → Coding rule



<http://www.lotsmv.com>

Customized color

On-site technical support

Sample free rent service

# Milti-direction Shadowless Light DML Series

## → Light parameters

Product	Model	Voltage	Power	Color		Weight	Option	Adapted controller	Dimension	Com-mono	Remark
Milti-direction shadowless light	LTS-DML90	24V	1.4W	R	Red: 620~630nm	215 g	—	Strobe controller (P146) Analog controller (P152)	1	Y	
			2.4W	G B W	Green: 525~530nm Blue: 465~470nm White: 6600K (color temperature)						
	LTS-DML120	24V	1.9W	R	340 g	—	Digital controller (P159)	2	N		
			3.1W	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

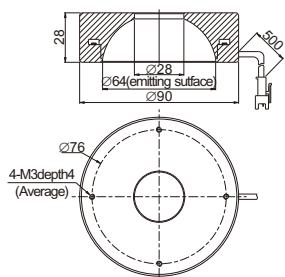
※ 1) PVC extension cable: high flexibility, bending resistance, high temperature resistance, apply to use inside of device.

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

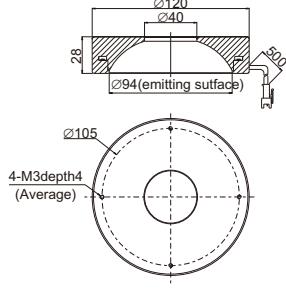


## → Boundary dimension(mm)

1.LTS-DML90



2.LTS-DML120



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

Customized color

On-site technical support

Sample free rent service



<http://www.lotsmv.com>