

# MANTRA LiTE<sup>®</sup>

**LED** | PANEL LIGHT

Light your life

Catalouge 2018-19



**90% ENERGY**  
SAVING Lights



# MANTRA LiTE<sup>®</sup>



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Pressure Die-Cast



Conveyorised Powder Coating Plant



DRIVER Dip Soldering



Printer



Pick And Place



5 Zone Owen



Testing Lab



### ML-DDRD3W

Power: 3W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 85\*  
 Cutting Size: 70  
 LED Model: SMD5730  
 LEDs: 6 Pcs  
 Material: Aluminium Die-cast

### ML-DDRD6W

Power: 6W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 110\*  
 Cutting Size: 95  
 LED Model: SMD5730  
 LEDs: 12 Pcs  
 Material: Aluminium Die-cast

### ML-DDRD12W

Power: 12W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 155\*  
 Cutting Size: 130  
 LED Model: SMD5730  
 LEDs: 24 Pcs  
 Material: Aluminium Die-cast

### ML-DDRD18W

Power: 18W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 180\*  
 Cutting Size: 155  
 LED Model: SMD5730  
 LEDs: 36 Pcs  
 Material: Aluminium Die-cast

### ML-DDSQ3W

Power: 3W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 85\*85  
 Cutting Size: 70\*70  
 LED Model: SMD5730  
 LEDs: 6 Pcs  
 Material: Aluminium Die-cast

### ML-DDSQ6W

Power: 6W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 110\*110  
 Cutting Size: 95\*95  
 LED Model: SMD5730  
 LEDs: 12 Pcs  
 Material: Aluminium Die-cast

### ML-DDSQ12W

Power: 12W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size : 155\*155  
 Cutting Size: 130\*130  
 LED Model: SMD5730  
 LEDs: 24 Pcs  
 Material: Aluminium Die-cast

### ML-DDSQ18W

Power: 18W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size : 180\*180  
 Cutting Size: 155\*155  
 LED Model: SMD5730  
 LEDs: 36 Pcs  
 Material: Aluminium Die-cast





— Slimmest Curved 19mm

### ML-SMNRD3W

Power: 3W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 82mm  
 Cut Out: 70mm  
 LED Model: SMD2835  
 LEDs: 15 Pcs  
 Material: Aluminium Die-cast

### ML-SMNRD6W

Power: 6W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 112mm  
 Cut Out: 100mm  
 LED Model: SMD2835  
 LEDs: 30 Pcs  
 Material: Aluminium Die-cast

### ML-SMNRD12W

Power: 12W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 160mm  
 Cut Out: 148mm  
 LED Model: SMD2835  
 LEDs: 60 Pcs  
 Material: Aluminium Die-cast

### ML-SMNRD18W

Power: 18W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 212mm  
 Cut Out: 200mm  
 LED Model: SMD2835  
 LEDs: 90 Pcs  
 Material: Aluminium Die-cast

### ML-SMNRD24W

Power: 24W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 LED Model: SMD2835  
 LEDs: 120 Pcs  
 Material: Aluminium Die-cast

### ML-SMNSQ3W

Power: 3W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 82x82mm  
 Cut Out: 70x70mm  
 LED Model: SMD2835  
 LEDs: 15 Pcs  
 Material: Aluminium Die-cast

### ML-SMNSQ6W

Power: 6W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 112x112mm  
 Cut Out: 100x100mm  
 LED Model: SMD2835  
 LEDs: 30 Pcs  
 Material: Aluminium Die-cast

### ML-SMNSQ12W

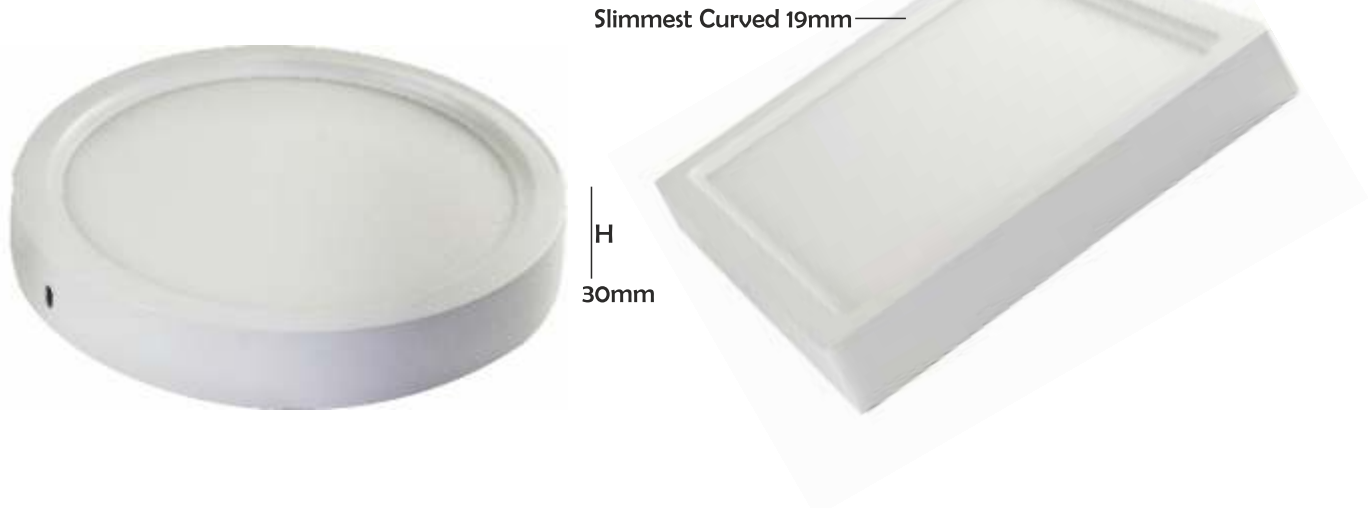
Power: 12W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 160x160mm  
 Cut Out: 148x148mm  
 LED Model: SMD2835  
 LEDs: 60 Pcs  
 Material: Aluminium Die-cast

### ML-SMNSQ18W

Power: 18W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 212x212mm  
 Cut Out: 200x200mm  
 LED Model: SMD2835  
 LEDs: 90 Pcs  
 Material: Aluminium Die-cast

### ML-SMNSQ24W

Power: 24W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 LED Model: SMD2835  
 LEDs: 120 Pcs  
 Material: Aluminium Die-cast



### ML-SFNRD6W

Power: 6W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 112mm  
 LED Model: SMD2835  
 LEDs: 30 Pcs  
 Material: Aluminium Die-cast

### ML-SFNRD12W

Power: 12W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 160mm  
 LED Model: SMD2835  
 LEDs: 60 Pcs  
 Material: Aluminium Die-cast

### ML-SFNRD18W

Power: 18W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 212mm  
 LED Model: SMD2835  
 LEDs: 90 Pcs  
 Material: Aluminium Die-cast

### ML-SFNRD24W

Power: 24W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 LED Model: SMD2835  
 LEDs: 120 Pcs  
 Material: Aluminium Die-cast

### ML-SFNSQ6W

Power: 6W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 112x112mm  
 LED Model: SMD2835  
 LEDs: 30 Pcs  
 Material: Aluminium Die-cast

### ML-SFNSQ12W

Power: 12W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 160x160mm  
 LED Model: SMD2835  
 LEDs: 60 Pcs  
 Material: Aluminium Die-cast

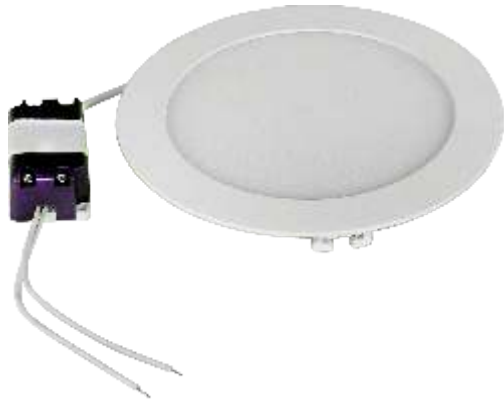
### ML-SFNSQ18W

Power: 18W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 212x212mm  
 LED Model: SMD2835  
 LEDs: 90 Pcs  
 Material: Aluminium Die-cast

### ML-SFNSQ24W

Power: 24W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 LED Model: SMD2835  
 LEDs: 120 Pcs  
 Material: Aluminium Die-cast





### ML-SMRD3W

Power: 3W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 80mm  
 Cut Out: 65mm  
 LED Model: SMD2835  
 LEDs: 15 Pcs  
 Material: Aluminium Die-cast



### ML-SMRD6W

Power: 6W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 120mm  
 Cut Out: 105mm  
 LED Model: SMD2835  
 LEDs: 30 Pcs  
 Material: Aluminium Die-cast

### ML-SMRD12W

Power: 12W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 170mm  
 Cut Out: 150mm  
 LED Model: SMD2835  
 LEDs: 60 Pcs  
 Material: Aluminium Die-cast

### ML-SMRD18W

Power: 18W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 225mm  
 Cut Out: 200mm  
 LED Model: SMD2835  
 LEDs: 90 Pcs  
 Material: Aluminium Die-cast

### ML-SMRD24W

Power: 24W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 LED Model: SMD2835  
 LEDs: 120 Pcs  
 Material: Aluminium Die-cast

### ML-SMSQ3W

Power: 3W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 80x80mm  
 Cut Out: 65x65mm  
 LED Model: SMD2835  
 LEDs: 15 Pcs  
 Material: Aluminium Die-cast

### ML-SMSQ6W

Power: 6W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 120x120mm  
 Cut Out: 105x105mm  
 LED Model: SMD2835  
 LEDs: 30 Pcs  
 Material: Aluminium Die-cast

### ML-SMSQ12W

Power: 12W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 170x170mm  
 Cut Out: 150x150mm  
 LED Model: SMD2835  
 LEDs: 60 Pcs  
 Material: Aluminium Die-cast

### ML-SMSQ18W

Power: 18W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 225x225mm  
 Cut Out: 200x200mm  
 LED Model: SMD2835  
 LEDs: 90 Pcs  
 Material: Aluminium Die-cast

### ML-SMSQ24W

Power: 24W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 LED Model: SMD2835  
 LEDs: 120 Pcs  
 Material: Aluminium Die-cast



### ML-SFNRD6W

Power: 6W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 120mm  
 LED Model: SMD2835  
 LEDs: 30 Pcs  
 Material: Aluminium Die-cast

### ML-SFNRD12W

Power: 12W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 170mm  
 LED Model: SMD2835  
 LEDs: 60 Pcs  
 Material: Aluminium Die-cast

### ML-SFNRD18W

Power: 18W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 225mm  
 LED Model: SMD2835  
 LEDs: 90 Pcs  
 Material: Aluminium Die-cast

### ML-SFNRD24W

Power: 24W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 300mm  
 LED Model: SMD2835  
 LEDs: 120 Pcs  
 Material: Aluminium Die-cast

### ML-SFNSQ6W

Power: 6W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 120x120mm  
 LED Model: SMD2835  
 LEDs: 30 Pcs  
 Material: Aluminium Die-cast

### ML-SFNSQ12W

Power: 12W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 170x170mm  
 LED Model: SMD2835  
 LEDs: 60 Pcs  
 Material: Aluminium Die-cast

### ML-SFNSQ18W

Power: 18W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 225x225mm  
 LED Model: SMD2835  
 LEDs: 90 Pcs  
 Material: Aluminium Die-cast

### ML-SFNSQ24W

Power: 24W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 300x300mm  
 LED Model: SMD2835  
 LEDs: 120 Pcs  
 Material: Aluminium Die-cast



# MANTRA LiTE<sup>®</sup> LED COB Light Series



## ML-COB3W

Power: 3W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Red/Blue/Green  
 Body Size: 65 mm  
 Cutting Size: 55 mm  
 LED Model: COB 3W  
 Body colour: PKW  
 Material: Aluminium Die-cast

## ML-COB6W

Power: 6W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 88 mm  
 Cutting Size: 75 mm  
 LED Model: COB 6W  
 Body colour: PKW  
 Material: Aluminium Die-cast

## ML-COB9W

Power: 9W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size : 88 mm  
 Cutting Size: 75 mm  
 LED Model: COB 9W  
 Body colour: PKW  
 Material: Aluminium Die-cast

## ML-COB16W

Power: 16W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 105 mm  
 Cutting Size: 95 mm  
 LED Model: COB 16W  
 Body colour: PKW  
 Material: Aluminium Die-cast

## ML-COB24W

Power: 24W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 135 mm  
 Cutting Size: 120 mm  
 LED Model: COB 24W  
 Body colour: PKW  
 Material: Aluminium Die-cast

## ML-COB30W

Power: 30W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size : 160 mm  
 Cutting Size: 140 mm  
 LED Model: COB 30W  
 Body colour: PKW  
 Material: Aluminium Die-cast

## ML-COB40W

Power: 40W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 160 mm  
 Cutting Size: 140 mm  
 LED Model: COB 40W  
 Body colour: PKW  
 Material: Aluminium Die-cast

## ML-COB50W

Power: 50W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: 160 mm  
 Cutting Size: 140 mm  
 LED Model: COB 50W  
 Body colour: PKW  
 Material: Aluminium Die-cast







**ML-FL10W SMD**

Power: 10W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: L134mm W124mm H49mm  
 LED Model: SMD 10W  
 LEDs: 20 Pcs  
 Material: Aluminium Die-cast

**ML-FL20W SMD**

Power: 20W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: L189mm W184mm H51mm  
 LED Model: SMD 20W  
 LEDs: 40 Pcs  
 Material: Aluminium Die-cast

**ML-FL30W SMD**

Power: 30W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: L231mm W229mm H58mm  
 LED Model: SMD 30W  
 LEDs: 60 Pcs  
 Material: Aluminium Die-cast



**ML-FL50W SMD**

Power: 50W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: L288mm W275mm H71mm  
 LED Model: SMD 50W  
 LEDs: 100 Pcs  
 Material: Aluminium Die-cast

**ML-FL100W SMD**

Power: 100W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: L295mm W295mm H90mm  
 LED Model: SMD 100W  
 LEDs: 200 Pcs  
 Material: Aluminium Die-cast

**ML-FL150W SMD**

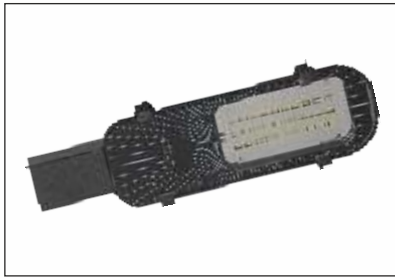
Power: 150W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 Body Size: L335mm W335mm H95mm  
 LED Model: SMD 150W  
 LEDs: 300 Pcs  
 Material: Aluminium Die-cast



**ML-FL200W SMD**

Power: 200W  
 Input voltage: AC85-265V/50-60Hz  
 Color Temperature 3200K/4000K/6500K  
 LED Model: SMD 200W  
 LEDs: 400 Pcs  
 Material: Aluminium Die-cast





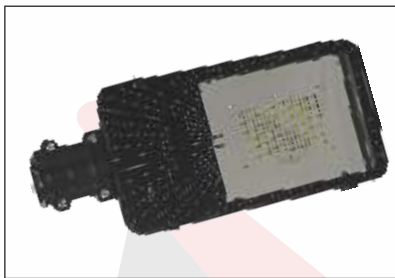
### ML-SL15W SMD

Power: 15W  
Input voltage: AC85-265V/50-60Hz  
Color Temperature 3200K/4000K/6500K  
Body Size: L350mm W65mm H43mm  
LED Model: SMD 15W  
LEDs: 30 Pcs  
Material: Aluminium Die-cast



### ML-SL25W SMD

Power: 25W  
Input voltage: AC85-265V/50-60Hz  
Color Temperature 3200K/4000K/6500K  
Body Size: L385mm W135mm H60mm  
LED Model: SMD 25W  
LEDs: 50 Pcs  
Material: Aluminium Die-cast



### ML-SL50W SMD

Power: 50W  
Input voltage: AC85-265V/50-60Hz  
Color Temperature 3200K/4000K/6500K  
Body Size: L495mm W212mm H60mm  
LED Model: SMD 50W  
LEDs: 100 Pcs  
Material: Aluminium Die-cast



### ML-SL80W SMD

Power: 80W  
Input voltage: AC85-265V/50-60Hz  
Color Temperature 3200K/4000K/6500K  
Body Size: L555mm W250mm H65mm  
LED Model: SMD 80W  
LEDs: 160 Pcs  
Material: Aluminium Die-cast



**Panel Driver**

Product	Current	Input Voltage	PF	Surge
MLD PL 3W	260 -280 300MA	85 - 265 85 - 305	.6	2KV
MLD PL 6W	260 -280 300MA	85 - 265 85 - 305	.6 .95	2KV
MLD PL 12W	260 -280 300MA	85 - 265 85 - 305	.6 .95	2KV
MLD PL 18W	260 -280 300MA	85 - 265 85 - 305	.6 .95	2KV
MLD PL 24W	260 -280 300MA	85 - 265 85 - 305	.6 .95	2KV

**Flood Light Driver**

Product	Current	Input Voltage	PF	Surge
MLD FL 10W	300MA	85 - 305	.95	4KV
MLD FL 20W	600MA	85 - 305	.95	4KV
MLD FL 30W	900MA	85 - 305	.95	4KV
MLD FL 50W	1500MA	85 - 305	.95	4KV
MLD FL 100W	3000MA	85 - 305	.95	4KV

**COB Driver**

Product	Current	Input Voltage	PF	Surge
MLD COB 3W	300MA	85 - 265 85 - 305	.6 .95	2KV
MLD COB 6/9W	300MA	85 - 265 85 - 305	.6 .95	2KV
MLD COB 16W	300MA	85 - 265 85 - 305	.6 .95	2KV
MLD COB 24W	500MA	85 - 305	.95	2KV
MLD COB 30W	600MA	85 - 305	.95	2KV
MLD COB 40W	900MA	85 - 305	.95	2/4KV
MLD COB 50W	900MA	85 - 305	.95	2/4KV

**Street Light Driver**

Product	Current	Input Voltage	PF	Surge
MLD SL 15W	300MA	85 - 305	.95	4KV
MLD SL 25W	300MA	85 - 305	.95	4KV
MLD SL 50W	600MA	85 - 305	.95	4KV
MLD SL 80W	900MA	85 - 305	.95	4KV

**OEM**  
SOLUTIONS WITH CUSTOMISED  
PACKING STANDARDS



\*All specifications are preliminary, and can be changed without prior warning. Above specifications are non contractual.



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