



## ABOUT US

Zhongshan RADIANCE Lighting Technology Co., Ltd. was established in 2011. Located in Guzhen Town, Zhongshan City, Guangdong Province, it is a professional manufacturer committed to R & D, production, sales of LED panel lighting, LED downlight, and products. The company has accumulated experience and supply chain in the lighting industry for a long time, and has cooperated with our company to produce high quality and high cost-effective products. The factory covers an area of 3000 square meters, has its own office, production workshop, and is equipped with modern production lines and testing equipment. With professional technology, considerate service, and standardized human resource management, our products have been in a leading position in the LED industry. Our business covers China, Southeast Asia, the Middle East, Africa, South America, and so on. We have firm confidence and continuous innovation drive. We are willing to cooperate with our customers and suppliers to create a better future.

Support Customization Source Factory | Independent Mould

### LED Panel Light



■ Technical Parameters	
Ultra Thin Recessed Round LED Aluminum Panel Light	
MODEL	RD-2032-AY
POWER	3W/6W/9W/12W/15W/18W/24W
LED CHIP TYPE	SMD2835
VOLTAGE	AC85-265V
POWER FACTOR	≥0.6
WORKING TEMPERATURE	-20°C to 50°C



■ Technical Parameters	
Ultra Thin Recessed Square LED Aluminum Panel Light	
MODEL	RD-2032-AF
POWER	3W/6W/9W/12W/15W/18W/24W
LED CHIP TYPE	SMD2835
VOLTAGE	AC85-265V
POWER FACTOR	≥0.6
WORKING TEMPERATURE	-20°C to 50°C



■ Technical Parameters	
Surface Round LED Aluminum Panel Light	
MODEL	RD-2032-MY
POWER	6W/12W/18W/24W
LED CHIP TYPE	SMD2835
VOLTAGE	AC85-265V
POWER FACTOR	≥0.6
WORKING TEMPERATURE	-20°C to 50°C



■ Technical Parameters	
Surface Square LED Aluminum Panel Light	
MODEL	RD-2032-MF
POWER	6W/12W/18W/24W
LED CHIP TYPE	SMD2835
VOLTAGE	AC85-265V
POWER FACTOR	≥0.6
WORKING TEMPERATURE	-20°C to 50°C



■ Technical Parameters	
LED Recessed Round Double Colors Panel Light	
MODEL	RD-2185-AY
POWER	3+3W/6+3W/12+4W/18+6W/24+12W
LED CHIP TYPE	SMD2835
VOLTAGE	AC85-265V
POWER FACTOR	≥0.6
WORKING TEMPERATURE	-20°C to 50°C



■ Technical Parameters	
LED Recessed Square Double Colors Panel Light	
MODEL	RD-2185-AF
POWER	3+3W/6+3W/12+4W/18+6W/24+12W
LED CHIP TYPE	SMD2835
VOLTAGE	AC85-265V
POWER FACTOR	≥0.6
WORKING TEMPERATURE	-20°C to 50°C



■ Technical Parameters	
LED Surface Round Double Colors Panel Light	
MODEL	RD-2185-MY
POWER	3+3W/6+3W/12+4W/18+6W/24+12W
LED CHIP TYPE	SMD2835
VOLTAGE	AC85-265V
POWER FACTOR	≥0.6
WORKING TEMPERATURE	-20°C to 50°C



■ Technical Parameters	
LED Surface Square Double Colors Panel Light	
MODEL	RD-2185-MF
POWER	3+3W/6+3W/12+4W/18+6W/24+12W
LED CHIP TYPE	SMD2835
VOLTAGE	AC85-265V
POWER FACTOR	≥0.6
WORKING TEMPERATURE	-20°C to 50°C

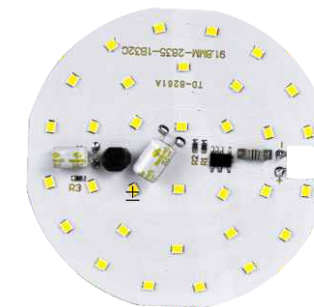
Accessories

### SMD Board

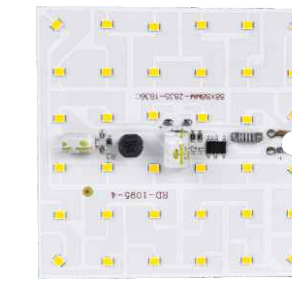
Provide Customers With Satisfactory Products And Services

## Full-auto SMT Production Line

Professional production of LED light source  
Mass stocking, shorter lead times for delivery



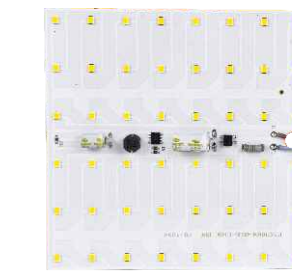
■ Technical Parameters	
MODEL NO	DOB SMD Board (Round)
Power (±10%)	6W/9W
CRI	≥80
Lumens	≥75LM



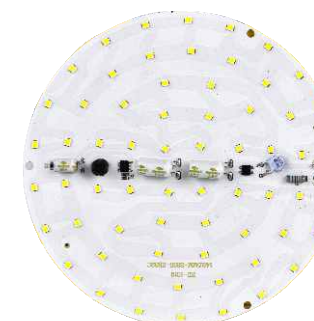
■ Technical Parameters	
MODEL NO	DOB SMD Board (Square)
Power (±10%)	6W/9W
CRI	≥80
Lumens	≥75LM



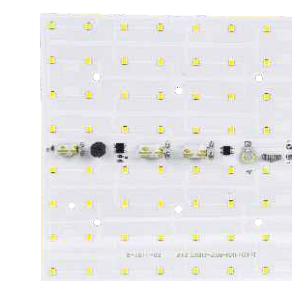
■ Technical Parameters	
MODEL NO	DOB SMD Board (Round)
Power (±10%)	12W/18W
CRI	≥80
Lumens	≥80LM



■ Technical Parameters	
MODEL NO	DOB SMD Board (Square)
Power (±10%)	12W/18W
CRI	≥80
Lumens	≥80LM



■ Technical Parameters	
MODEL NO	DOB SMD Board (Round)
Power (±10%)	24W/36W
CRI	≥80
Lumens	≥80LM



■ Technical Parameters	
MODEL NO	DOB SMD Board (Square)
Power (±10%)	24W/36W
CRI	≥80
Lumens	≥80LM



## Zhongshan Radiance Lighting Technology Co., Ltd

LED PROFESSIONAL MANUFACTURER



OEM  
陈小姐 / Cy: +86-13411692386  
sales02@zsradiance.com



Export  
李小姐 / Linda: +86-13560632386  
Linda@zsradiance.com



Export & Domestic  
连小姐 / Rebecca: +86-18028348995  
sales01@zsradiance.com

ADD: 5F, No.11, Tongfu South Road, Tongyi Industrial Zone, Guzhen Town,  
Zhongshan City, Guangdong CHINA  
TEL: +86 (0760) 88751739  
FAX: +86 (0760) 87553213  
EMAIL: Linda@zsradiance.com  
WEB: www.zsradiance.com

LED Panel Light

Source Factory | Independent Mould

DOB Downlight



Technical Parameters

**Iron DOB Recessed Round LED Panel Light**  
 MODEL RD-25-AY  
 POWER 6W/9W/12W/18W/24W  
 VOLTAGE AC85-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



Technical Parameters

**Iron DOB Recessed Square LED Panel Light**  
 MODEL RD-25-AF  
 POWER 6W/9W/12W/18W/24W  
 VOLTAGE AC85-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C

LED Panel Light

Provide Customers With Satisfactory Products And Services

DOB Downlight



Technical Parameters

**Framless Round LED Plastic Panel Light**  
 MODEL RD-53-AY  
 POWER 10W/18W/24W/36W  
 VOLTAGE AC185-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



Technical Parameters

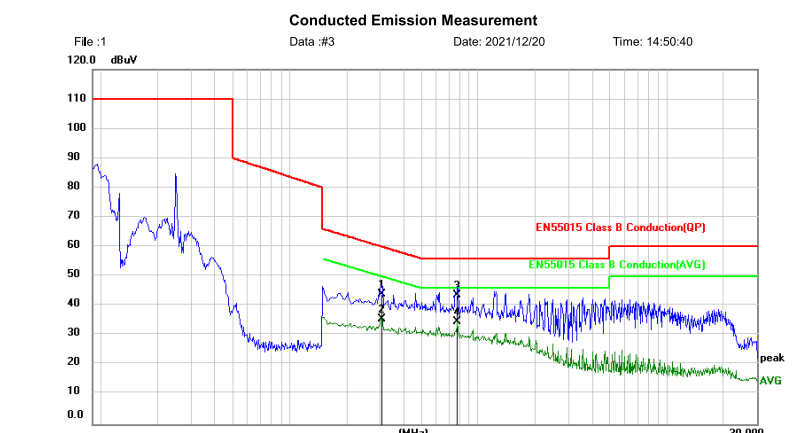
**Surface Plastic Downlight**  
 MODEL RD-49-MY  
 POWER 12W/18W/24W/30W  
 VOLTAGE AC85-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



Source Factory | Independent Mould

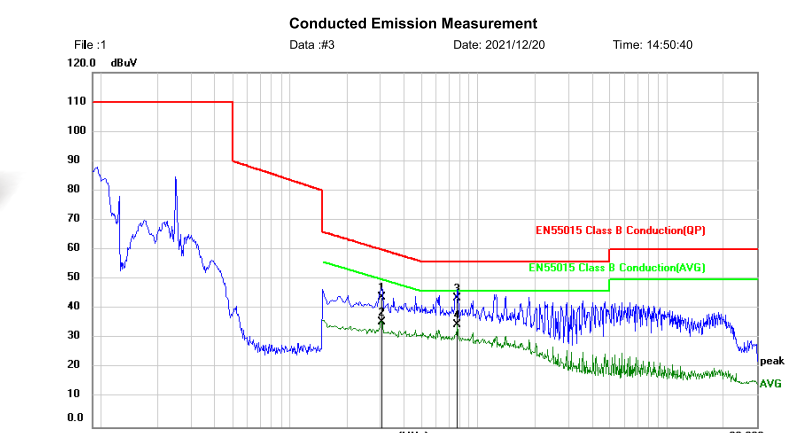
LED Panel Light

DOB Downlight



Site LAB  
 Limit: EN55015 Class B Conduction(QP) Phase: N Power: AC230V/50Hz Temperature: 26  
 EUT: Humidity: 60 %  
 MN: 20W  
 Mode: Lighting Mode  
 Note:

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dB	Over dB	Detector	Comment
1	0.3076	24.63	19.35	43.98	60.04	-16.06	QP	
2	0.3076	16.30	19.35	35.65	50.04	-14.39	AVG	
3	0.7756	24.27	19.37	43.64	56.00	-12.36	QP	
4 *	0.7756	15.20	19.37	34.57	46.00	-11.43	AVG	



Site LAB  
 Limit: EN55015 Class B Conduction(QP) Phase: N Power: AC230V/50Hz Temperature: 26  
 EUT: Humidity: 60 %  
 MN: 20W  
 Mode: Lighting Mode  
 Note:

No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dB	Over dB	Detector	Comment
1	0.3076	24.63	19.35	43.98	60.04	-16.06	QP	
2	0.3076	16.30	19.35	35.65	50.04	-14.39	AVG	
3	0.7756	24.27	19.37	43.64	56.00	-12.36	QP	
4 *	0.7756	15.20	19.37	34.57	46.00	-11.43	AVG	



LED Panel Light

Provide Customers With Satisfactory Products And Services

DOB Downlight



Technical Parameters

**Recessed Plastic DOB Downlight**  
 MODEL RD-39-AY  
 POWER 6W/9W/12W/18W/24W  
 VOLTAGE AC85-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



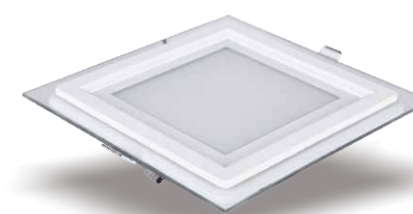
Technical Parameters

**Recessed Plastic DOB Downlight**  
 MODEL RD-39-AF  
 POWER 6W/9W/12W/18W/24W  
 VOLTAGE AC85-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



Technical Parameters

**Glass DOB Recessed Round LED Panel Light**  
 MODEL RD-37-AY  
 POWER 6W/12W/18W/24W  
 VOLTAGE AC85-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



Technical Parameters

**Glass DOB Recessed Square LED Panel Light**  
 MODEL RD-37-AF  
 POWER 6W/12W/18W/24W  
 VOLTAGE AC85-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



Technical Parameters

**Framless Round LED Plastic Panel Light**  
 MODEL RD-32-AY  
 POWER 10W/18W/24W/36W  
 LED CHIP TYPE SMD2835  
 VOLTAGE AC185-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



Technical Parameters

**Surface Plastic Downlight**  
 MODEL RD-32-AF  
 POWER 10W/18W/24W/36W  
 LED CHIP TYPE SMD2835  
 VOLTAGE AC185-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



Technical Parameters

**Surface Plastic Downlight**  
 MODEL RD-49-MF  
 POWER 12W/18W/24W/30W  
 VOLTAGE AC85-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



Technical Parameters

**Iron DOB Recessed Round LED Panel Light**  
 MODEL RD-2171-MY  
 POWER 6W/12W/18W/24W/36W  
 Type 2835LED  
 VOLTAGE AC185-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



Technical Parameters

**Iron DOB Recessed Square LED Panel Light**  
 MODEL RD-2171-MF  
 POWER 6W/12W/18W/24W/36W  
 Type 2835LED  
 VOLTAGE AC185-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C



Technical Parameters

**Framless Round LED Plastic Panel Light**  
 MODEL RD-32-MY  
 POWER 10W/24W/36W/48W  
 LED CHIP TYPE SMD2835  
 VOLTAGE AC185-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C

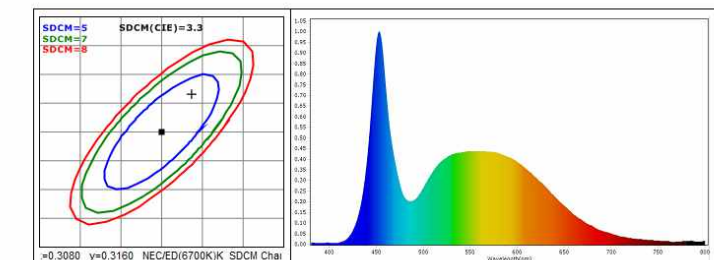


Technical Parameters

**Surface Plastic Downlight**  
 MODEL RD-32-MF  
 POWER 10W/24W/36W/48W  
 LED CHIP TYPE SMD2835  
 VOLTAGE AC185-265V  
 POWER FACTOR ≥0.6  
 WORKING TEMPERATURE -20°Cto 50°C

CIE Color Parameter

Chromaticity coordinates: x=0.3120 y=0.3229 u=0.1997 v=0.3100 u'=0.1997 v'=0.4650  
 Color temperature: 5596 K (duv=+0.00038) Color difference:SDCM(CIE)=3.3 Main Wavelength:482.02 nm Purity: 0.361  
 Peak wavelength:λp=452.3 Centroid wavelength:λc=540.1 nm FWHM:Δλp=23.4 nm Color ratio:R=0.148 G=0.801 B=0.051  
 Color rendering index: Ra=83.16 Color Fidelity:Rf=82.4 Color Gamut:Rg=95.51  
 R1=81.6 R2=87.1 R3=88.9 R4=87.0 R5=84.5 R6=80.3 R7=85.4 R8=70.2  
 R9=14.4 R10=67.0 R11=85.2 R12=55.9 R13=83.2 R14=94.3 R15=78.0



Optical Parameter

Luminous flux: 1164.52 lm luminous efficiency:81.95 lm/w Radiant flux: 3.856 W  
 Energy efficiency index(EI): 0.173 Energy efficiency class: A (EU 874/2012)  
 Mesoscopic vision flux(m): USP=2207.097 MOVE=1290.845 MES1=1128.229 MES2=1123.629

Electrical Parameter

Voltage(V): 219.61 Current(A): 0.1080 Watts(W): 14.210 Power factor: 0.5970

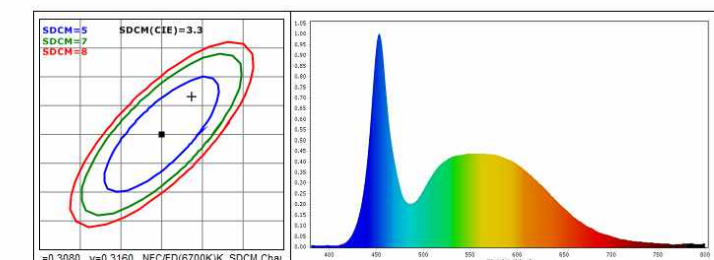
Test Information

Temperature: 25.0Deg C Humidity: 65%  
 Test range: 380-800nm: 1nm Peak AD: 38153 (58.2%)  
 Preheat time: 0(min) Integral time: 152.05 (ms)



CIE Color Parameter

Chromaticity coordinates: x=0.3120 y=0.3229 u=0.1997 v=0.3100 u'=0.1997 v'=0.4650  
 Color temperature: 5596 K (duv=+0.00038) Color difference:SDCM(CIE)=3.3 Main Wavelength:482.02 nm Purity: 0.361  
 Peak wavelength:λp=452.3 Centroid wavelength:λc=540.1 nm FWHM:Δλp=23.4 nm Color ratio:R=0.148 G=0.801 B=0.051  
 Color rendering index: Ra=83.16 Color Fidelity:Rf=82.4 Color Gamut:Rg=95.51  
 R1=81.6 R2=87.1 R3=88.9 R4=87.0 R5=84.5 R6=80.3 R7=85.4 R8=70.2  
 R9=14.4 R10=67.0 R11=85.2 R12=55.9 R13=83.2 R14=94.3 R15=78.0



Optical Parameter

Luminous flux: 1164.52 lm luminous efficiency:81.95 lm/w Radiant flux: 3.856 W  
 Energy efficiency index(EI): 0.173 Energy efficiency class: A (EU 874/2012)  
 Mesoscopic vision flux(m): USP=2207.097 MOVE=1290.845 MES1=1128.229 MES2=1123.629

Electrical Parameter

Voltage(V): 219.61 Current(A): 0.1080 Watts(W): 14.210 Power factor: 0.5970

Test Information

Temperature: 25.0Deg C Humidity: 65%  
 Test range: 380-800nm: 1nm Peak AD: 38153 (58.2%)  
 Preheat time: 0(min) Integral time: 152.05 (ms)

