

**FOSHAN SHINING LIGHTING TECHNOLOGY CO., LTD**

ADD: D factory, #10, Baihe Road, Nanhai Danzao Eco-Industrial Park Zip: 528216 W: <http://www.gledse.com/>  
T: 86-757-86780855 F: 86-757-86765036 M: +86-18927767560 Email: [sales@gledse.com](mailto:sales@gledse.com)

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# PRODUCT SPECIFICATION

# Gledse



## LED ROUND PANEL LIGHT (DS-40)

- Model No: SL-PLBRA600-40W
- Model No: SL-PLBRA900-80W
- Model No: SL-PLBRA1000-100W
- Model No: SL-PLBRA1200-120W

### Customer Approval

Tested by	Checked by	Approved by

### SHINING Approval

Tested by	Checked by	Approved by

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## FACTORY PROFILE



## FOSHAN SHINING LIGHTING TECHNOLOGY CO., LTD

Our factory locates in Foshan NANHAI DANZAO Eco-Industrial Park, which covered an area of 5000 square kilometers. Our factory specialized in LED office lighting for more than 10 years of experience. We have two registered trademarks. One

is **Gledse** for oversea market and other is  for domestic market.

The advanced production equipment, experienced technical personnel and the perfect quality management system bring us to dedicate to developing and producing the products to our customers. We have R&D team working on electric and appearance design. We also have our own metal workshop to deal with the OEM and ODM cooperation. We also accept the customized orders for different projects.

**Main products:** LED Ultra-thin panel light, LED back lit panel, LED smart panel light, LED linear light, LED tube, LED downlight, LED tracking light and LED light fittings.

The full ranges of our light fixtures are manufactured to our high specification with CCC, CE and RoHs compliant certification. Our products are exported to different countries and districts, such as Europe, US, Australia, Russia, Middle East etc.

Our intimate sales and after-sales team are always at your service and will take good care of our valued customers.

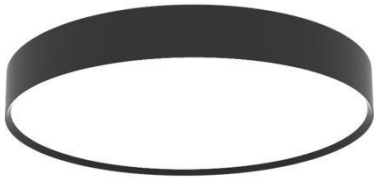
Our factory is near to Guangzhou area. It only takes about 1hr to our factory. Welcome to visit our factory at any time.

# FOSHAN SHINING LIGHTING TECHNOLOGY CO., LTD

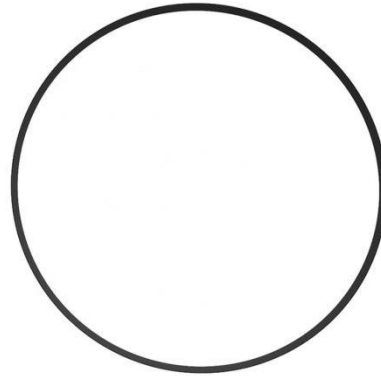
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## PRODUCT PICTURES

Gledse

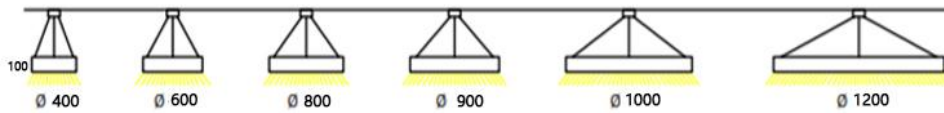
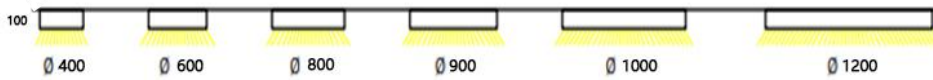
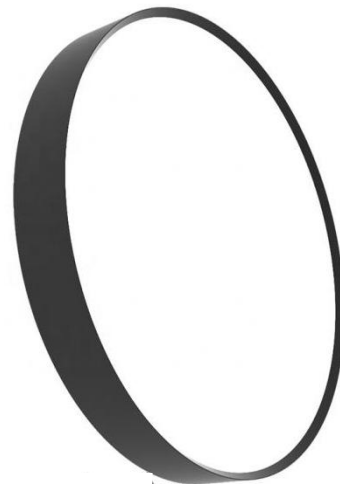


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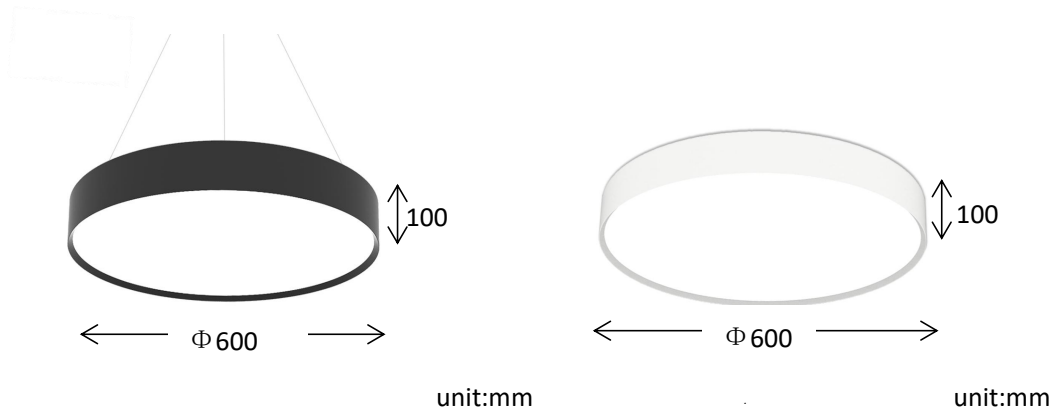
Gledse



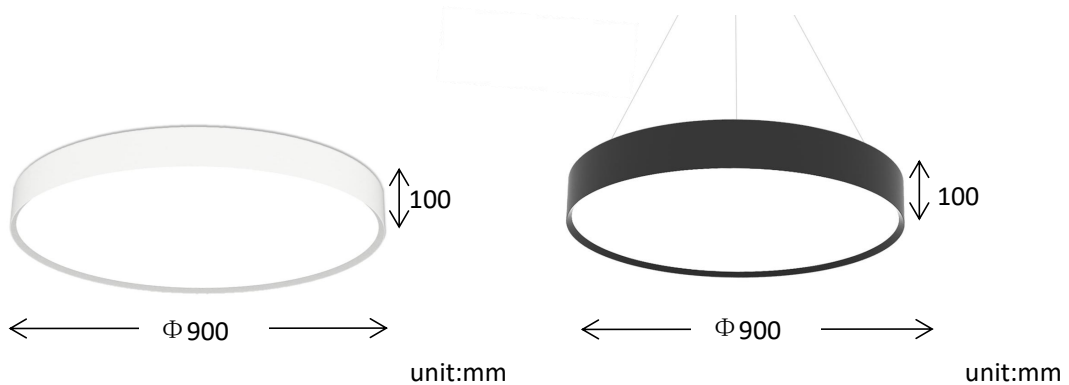
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## PRODUCT SPECIFICATION



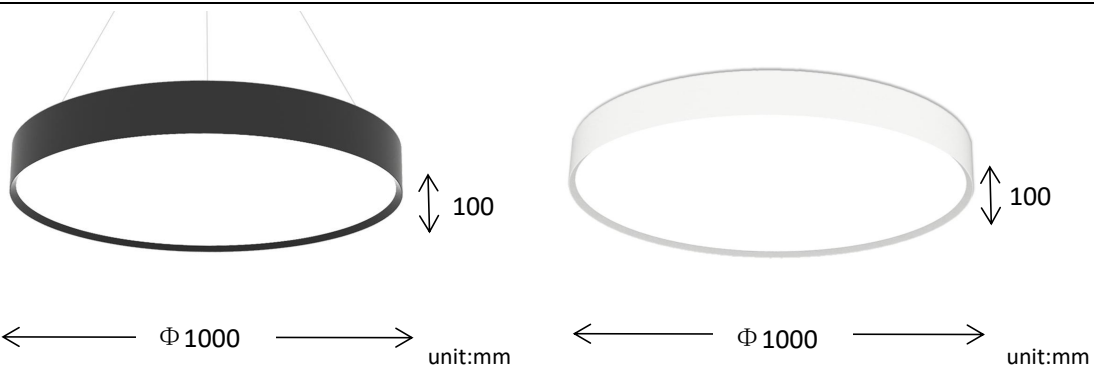
Quick Details			
Model No.	SL-PLBRA600-40W	Input Vol.	AC 220-240V/AC100-277V
Product size	Φ 600*H100 mm	CRI	> 80
Power	40W	PF	> 0.9
Lumens	4000LM	CCT	WW3000K /NW4000K /CW6000K
IP Rating	IP40	Warranty (Years)	5 years
Material	6063AL+PC	Customized	Accept
Dimming serve	DALI dimming、0-10V dimming、Bluetooth dimming、SCR dimming		



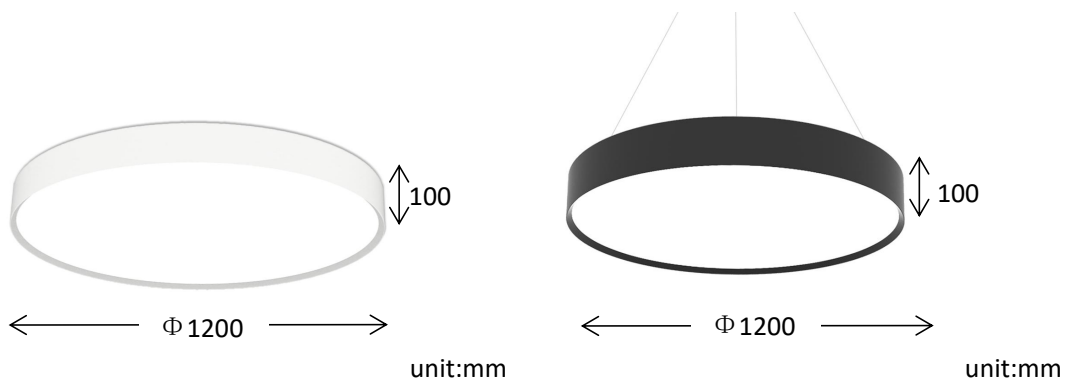
Quick Details			
Model No.	SL-PLBRA900-80W	Input Vol.	AC 220-240V/AC100-277V
Product size	Φ 900*H100 mm	CRI	> 80
Power	80W	PF	> 0.9
Lumens	8000LM	CCT	WW3000K /NW4000K /CW6000K
IP Rating	IP40	Warranty (Years)	5 years
Material	6063AL+PC	Customized	Accept
Dimming serve	DALI dimming、0-10V dimming、Bluetooth dimming、SCR dimming		

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Quick Details			
Model No.	SL-PLBRA1000-100w	Input Vol.	AC 220-240V/AC100-277V
Product size	Φ 1000*H100 mm	CRI	> 80
Power	100W	PF	> 0.9
Lumens	10000LM	CCT	WW3000K /NW4000K /CW6000K
IP Rating	IP40	Warranty (Years)	5 years
Material	6063AL+PC	Customized	Accept
Dimming serve	DALI dimming、0-10V dimming、Bluetooth dimming、SCR dimming		



Quick Details			
Model No.	SL-PLBRA1200-120w	Input Vol.	AC 220-240V/AC100-277V
Product size	Φ 1200*H100 mm	CRI	> 80
Power	120W	PF	> 0.9
Lumens	12000LM	CCT	WW3000K /NW4000K /CW6000K
IP Rating	IP40	Warranty (Years)	5 years
Material	6063AL+PC	Customized	Accept
Dimming serve	DALI dimming、0-10V dimming、Bluetooth dimming、SCR dimming		

# FOSHAN SHINING LIGHTING TECHNOLOGY CO., LTD

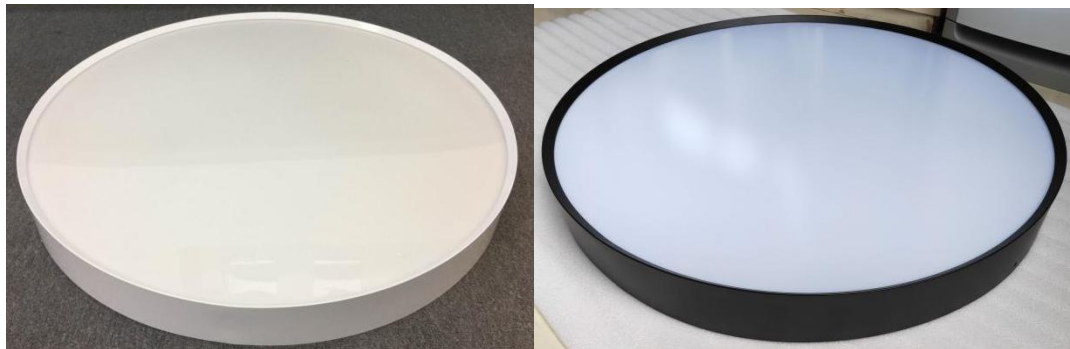
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## 1. Features:

- (1)**Aluminum housing body:** Our design is different from the casting housing which applied 6063 aviation aluminum blending by machine. The size of the light can be customized. It's more flexible for special projects.
- (2)**Good heat dissipation:** A whole piece of PCB and the aluminum housing provide good heat dissipation.
- (3)**Energy and cost saving:** round light switch can save 85% power compared with ordinary light.
- (4)**Eco-friendly:** round light is no ultraviolet and infrared radiation, no electromagnetic.
- (5)**Soft light:** Our LEDs apply the uniform distribution which ensures 100% no dark area.
- (6)**Eye Protect:** round light switch is no strobe flash, high color rendering, and no felling tired even after long-term using eye.
- (7)**Professional Customization:** freely choose the specification of round light what you like.
- (8)**Ultra-bright:** round light switch is without a light guide plate, light travels directly through the diffuser plate, reducing the loss of light. The maximum light output can reach 100-120lm/w.
- (9)**Long lifespan:** our round light has 50000hrs long life, 5 times longer than fluorescent, reduce your replacement frequency.
- (10)**The additional dimming function :**We can provide 0-10v dimming system;Dali dimming system;Bluetooth dimming system;SCR dimming system.

## 2. Product details:



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## 3.Application:

Led back-lit round panel lights are widely applied to which traditional fluorescent lamps would normally be used. It appears in anyplace that needs light, such as factories, banks, hotels, stores, commercial buildings, shopping malls, supermarket and underground garage etc.



Home



Meeting Room



Company reception



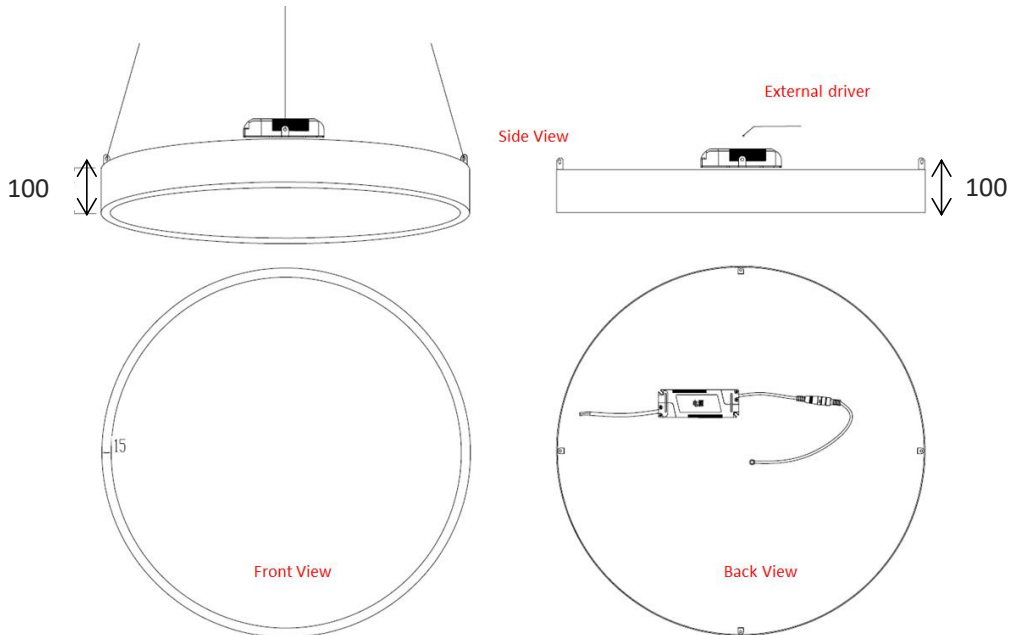
Restaurant

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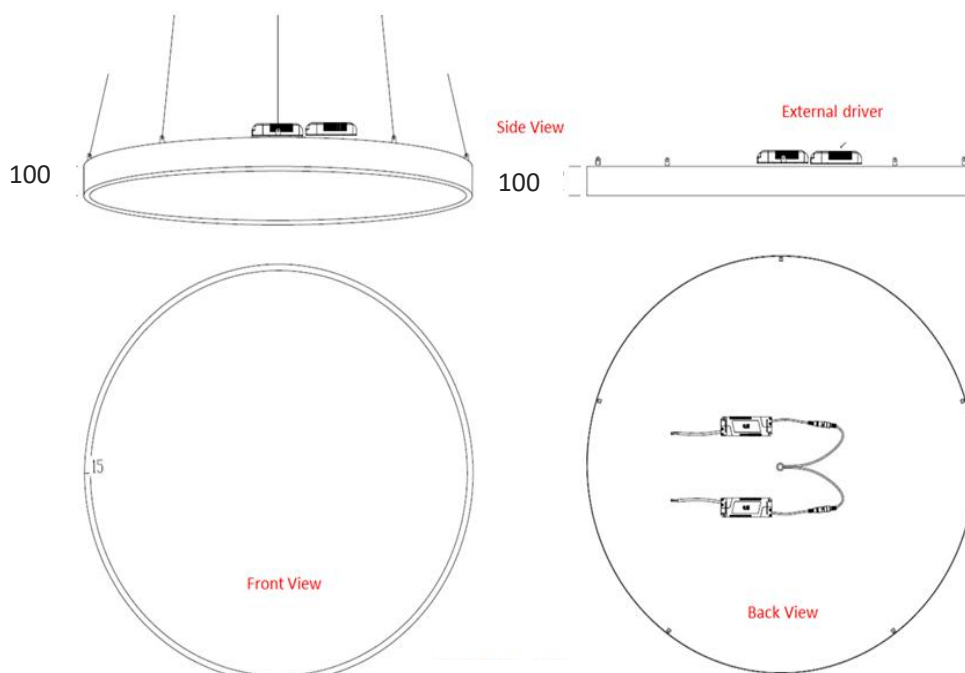
## 4. Physical Dimensions:

### SL-PLBRA600-40W



Φ600X100mm

### SL-PLBRA900-80W



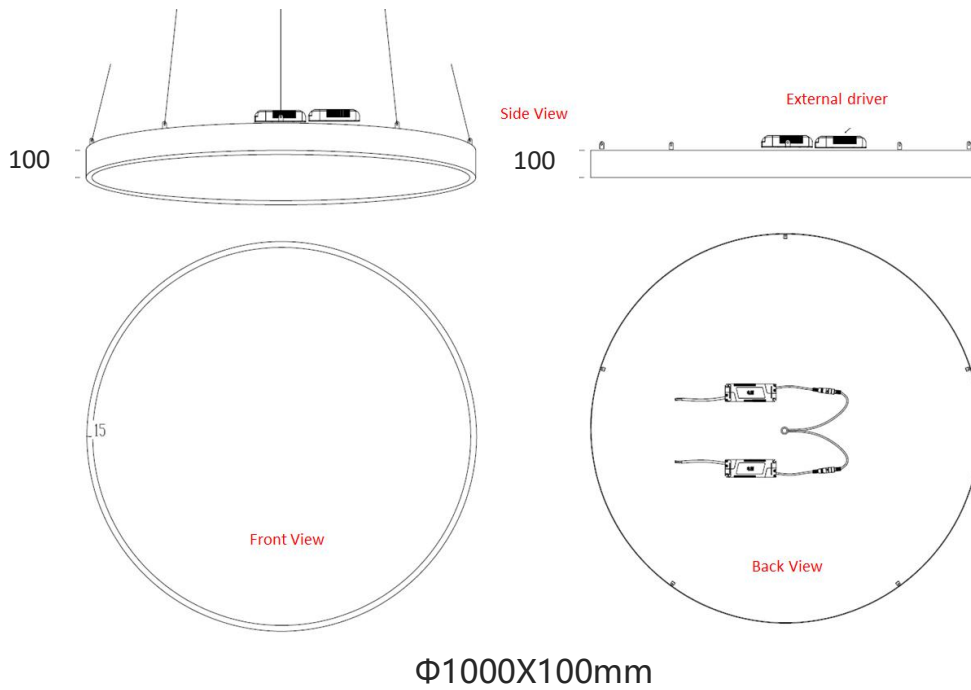
Φ900X100mm



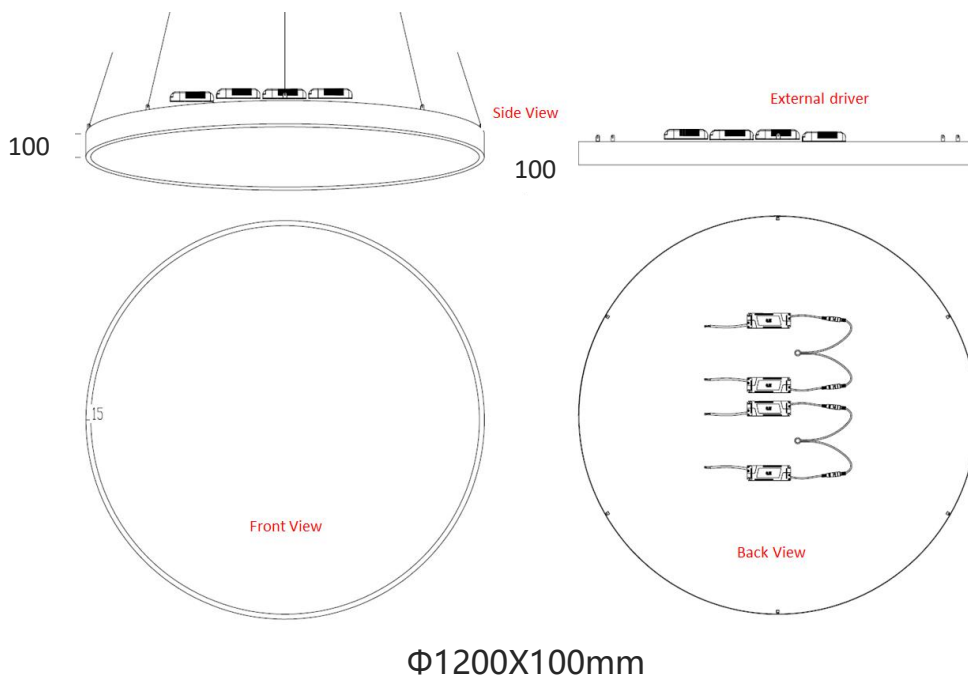
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## SL-PLBRA1000-80w



## SL-PLBRA1200-100w



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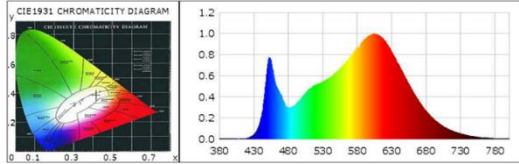
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## 5.Spectrum Test Report:

### SL-PLBRA60-40W

#### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4144$   $y=0.3890$   $u(u')=0.2424$   $v=0.3413$   $v'=0.5119$   
 CCT:  $T_c=3292K$  ( $duv=-0.00264$ ) Color Ratio:  $R=0.221$   $G=0.744$   $B=0.035$   
 Peak Wavelength: 605nm Half Bandwidth: 140.8nm  
 Dominant Wavelength: 583.8nm Color Purity: 0.411  
 CRI:  $R_1=86.3$   $R_2=96$   $R_3=94$   $R_4=94$   $R_5=87$   $R_6=94$   $R_7=83$   $R_8=65$   
 $R_9=23$   $R_{10}=90$   $R_{11}=85$   $R_{12}=75$   $R_{13}=89$   $R_{14}=98$   $R_{15}=80$



#### Photometric Parameters

Luminous Flux: 3335.2 lm Efficiency: 93.42 lm/W Radiant Power: 10.355 W

#### Electric Parameters

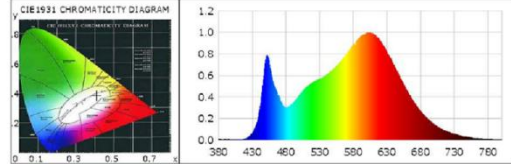
Forward Voltage (VF): 219.00V Forward Current (IF): 158mA Power: 35.700W  
 Reverse Voltage (VR): 0.0V Reverse Current (IR): 0.0000uA

Test Information  
 Scan Range: 380nm~800nm:1nm Photometric Method:  
 Stabilization Time: 10 Sec Photometric Condition: Sphere diameter: 2.00m, 4T  
 Max of Signal: 52984 (2916) CCD Integration Time: 843.88 ms

### SL-PLBRA90-80W

#### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4098$   $y=0.3879$   $u(u')=0.2398$   $v=0.3405$   $v'=0.5108$   
 CCT:  $T_c=3379K$  ( $duv=-0.00220$ ) Color Ratio:  $R=0.215$   $G=0.749$   $B=0.036$   
 Peak Wavelength: 602nm Half Bandwidth: 144.5nm  
 Dominant Wavelength: 583.3nm Color Purity: 0.394  
 CRI:  $R_1=86.2$   $R_2=95$   $R_3=95$   $R_4=85$   $R_5=87$   $R_6=93$   $R_7=83$   $R_8=65$   
 $R_9=21$   $R_{10}=88$   $R_{11}=85$   $R_{12}=74$   $R_{13}=89$   $R_{14}=98$   $R_{15}=80$



#### Photometric Parameters

Luminous Flux: 7263.7 lm Efficiency: 91.25 lm/W Radiant Power: 22.551 W

#### Electric Parameters

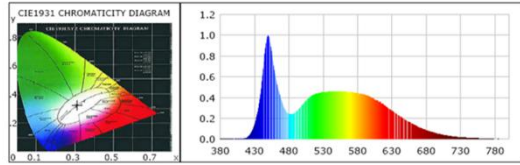
Forward Voltage (VF): 219.10V Forward Current (IF): 335mA Power: 79.600W  
 Reverse Voltage (VR): 0.0V Reverse Current (IR): 0.0000uA

Test Information  
 Scan Range: 380nm~800nm:1nm Photometric Method:  
 Stabilization Time: 10 Sec Photometric Condition: Sphere diameter: 2.00m, 4T  
 Max of Signal: 49938 (2914) CCD Integration Time: 346.82 ms

### SL-PLBRA100-100W

#### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3091$   $y=0.3255$   $u(u')=0.1966$   $v=0.3106$   $v'=0.4659$   
 CCT:  $T_c=6736K$  ( $duv=0.00323$ ) Color Ratio:  $R=0.134$   $G=0.809$   $B=0.057$   
 Peak Wavelength: 449nm Half Bandwidth: 24.3nm  
 Dominant Wavelength: 488.5nm Color Purity: 0.088  
 CRI:  $R_1=85.9$   $R_2=86$   $R_3=83$   $R_4=92$   $R_5=86$   $R_6=79$   $R_7=93$   $R_8=83$   
 $R_9=33$   $R_{10}=64$   $R_{11}=92$   $R_{12}=52$   $R_{13}=86$   $R_{14}=90$   $R_{15}=85$



#### Photometric Parameters

Luminous Flux: 8612.7 lm Efficiency: 85.19 lm/W Radiant Power: 28.213 W

#### Electric Parameters

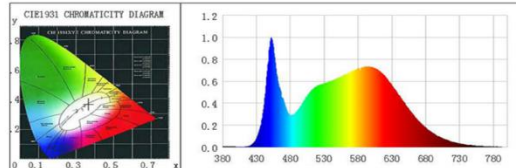
Voltage: 213.00V Current: 0.4890A Power: 101.10W  
 Power Factor: 0.9700 Frequency: 50.00Hz

Test Information  
 Scan Range: 380nm~800nm:1nm Photometric Method:  
 Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 2.00m, 4T  
 Max of Signal: 53002 (2942) CCD Integration Time: 122.82 ms

### SL-PLBRA120-120W

#### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3655$   $y=0.3709$   $u(u')=0.2176$   $v=0.3312$   $v'=0.4968$   
 CCT:  $T_c=4395K$  ( $duv=0.00193$ ) Color Ratio:  $R=0.175$   $G=0.781$   $B=0.043$   
 Peak Wavelength: 452nm Half Bandwidth: 22.7nm  
 Dominant Wavelength: 577.1nm Color Purity: 0.210  
 CRI:  $R_1=85.8$   $R_2=92$   $R_3=96$   $R_4=84$   $R_5=84$   $R_6=88$   $R_7=87$   $R_8=69$   
 $R_9=20$   $R_{10}=80$   $R_{11}=84$   $R_{12}=62$   $R_{13}=87$   $R_{14}=98$   $R_{15}=79$



#### Photometric Parameters

Luminous Flux: 10748.1LM Efficiency: 86.67LM/W Radiant Power: 33.153 W

#### Electric Parameters

Forward Voltage (VF): 219.00V Forward Current (IF): 566 MA Power:  
 Reverse Voltage (VR): 0.0 V Reverse Current (IR): 0.0000 UA

Test Information  
 Scan Range: 380nm~800nm:1nm Photometric Method:  
 Stabilization Time: 10 Sec Photometric Condition: Sphere diameter: 2.00m, 4T  
 Max of Signal: 52984 (2916) CCD Integration Time: 843.88 ms

※Notes : The report is based on a certain Part Number LED Panel Light. Different power consume, CCT and CRI will affect the data. For more detail information, please contact our Sales Representative.

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## 6.Installation:

### SUSPENDING:



1. Select the length of cords.



2. Lock the cords.



3. Install the lampstand.



4. Put the cords into lampstand.



### SURFACE MOUNTED:



1. Install the ceiling parts in the wall.



2. Snap the light into the ceiling.

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## 7.Packaging information:

Model	Outer carton Size (L*W*H cm)	N.W./PC	G.W./CTN	QTY/CTN	20' GP (pcs)
SL-PLBRA600-40W	70*70*18cm	6.5kg	10kg	1pcs	350pcs
SL-PLBRA900-80W	100*100*18cm	7.6kg	13kg	1pcs	175pcs
SL-PLBRA1000-100W	110*110*20cm	8.2kg	18kg	1pcs	140pcs
SL-PLBRA1200-120W	130*130*20cm	9.2kg	21kg	1pcs	120pcs



Remark: The above packing information is only for reference.

The platform or the plywood frame will be additional charged as per the package.

**For more detail information, please contact our Sales Representative. Thanks for your attention.**