The Commercial
LED Lighting Specialist

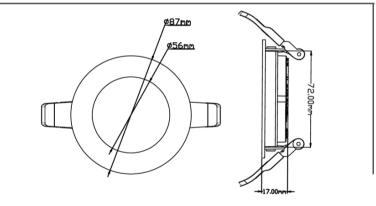
LED PANEL LIGHTS

PRODUCT CATEGORY DATA SHEET

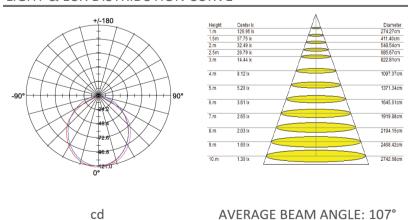
6W 77mm cut-out (3")



DIMENSIONS



LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	6W
IP Rating	IP20
Dimensions	ф87×17mm
Cut-out size	ф77mm
Luminous Flux	400Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL RD 06w

TECHNICAL SPECIFICATIONS

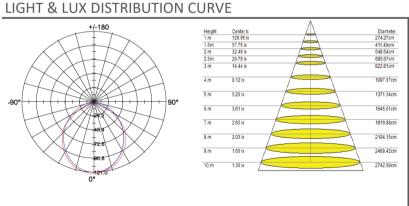
Input Voltage	100-240V AC
Power Factor	0.9
LED Type	SMD 2835
LED Luninous Flux	864Lm
Luminous Efficacy	70Lm/W
LED Manufacturer	RUNLITE
LED Circuit Mode	(18)S*(2)P=(36)PCS
LED Board Base Type	1060
Driver Output	54VDC 100mA
Driver Specifications	Non-Isolated
Total Circuit Power (W)	6±0.5
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	22mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	0.18 (A)
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White
Weight	171g

- 1.Using high lumen SMD light source
- 2.Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- 4.Launch in 0.01sec, no flashing, no noise, no radiation and energy saving.
- 5. This product can show high brightness, without seeing the lamp itself.

6W 75×75mm cut-out (3")



DIMENSIONS -56.00mm



AVERAGE BEAM ANGLE: 107°

KEY DATA

Power	6W
IP Rating	IP20
Dimensions	87×87×20mm
Cut-out size	75×75mm
Luminous Flux	400Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL SQ 06w

TECHNICAL SPECIFICATIONS

Input Voltage	100-240V AC
Power Factor	0.9
LED Type	SMD 2835
LED Luninous Flux	864Lm
Luminous Efficacy	70Lm/W
LED Manufacturer	RUNLITE
LED Circuit Mode	(18)S*(2)P=(36)PCS
LED Board Base Type	1060
Driver Output	54VDC 100mA
Driver Specifications	Non-Isolated
Total Circuit Power (W)	6±0.5
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	22mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	0.18 (A)
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White
Weight	184g

PRODUCT FEATURES:

- 1.Using high lumen SMD light source
- 2. Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- 4.Launch in 0.01sec, no flashing, no noise, no radiation and energy saving.
- 5. This product can show high brightness, without seeing the lamp itself.

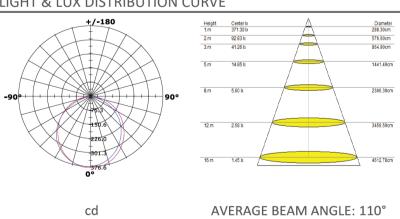
cd

12W 115mm cut-out (4.5")



DIMENSIONS

LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	12W
IP Rating	IP20
Dimensions	ф128×26mm
Cut-out size	ф115mm
Luminous Flux	1000Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL RD 12w

TECHNICAL SPECIFICATIONS

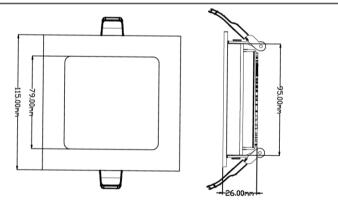
Input Voltage	100-240V AC
Power Factor	0.96
LED Type	SMD 2835
LED Luninous Flux	1728Lm
Luminous Efficacy	83Lm/W
LED Manufacturer	RUNLITE
LED Circuit Mode	(12)S*(6)P=(72)PCS
LED Board Base Type	1060
Driver Output	36VDC 300mA
Driver Specifications	Non-Isolated
Total Circuit Power (W)	12±1
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	52mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	0.17 (A+)
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White
Weight	232g

- 1.Using high lumen SMD light source
- 2. Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- 4.Launch in 0.01sec, no flashing, no noise, no radiation and energy saving.
- 5. This product can show high brightness, without seeing the lamp itself.

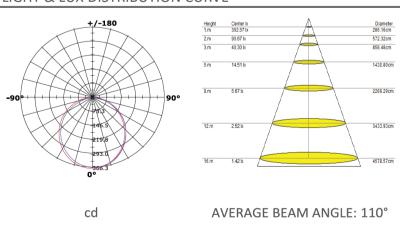
12W 100×100mm cut-out (4")



DIMENSIONS



LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	12W
IP Rating	IP20
Dimensions	115×115×26mm
Cut-out size	100×100mm
Luminous Flux	1000Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL SQ 12w

TECHNICAL SPECIFICATIONS

Input Voltage	100-240V AC
Power Factor	0.96
LED Type	SMD 2835
LED Luninous Flux	1728Lm
Luminous Efficacy	83Lm/W
LED Manufacturer	RUNLITE
LED Circuit Mode	(12)S*(6)P=(72)PCS
LED Board Base Type	1060
Driver Output	36VDC 300mA
Driver Specifications	Non-Isolated
Total Circuit Power (W)	12±1
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	52mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	0.17 (A+)
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White
Weight	310g

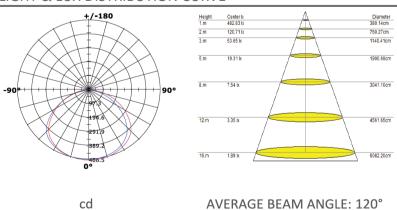
- 1.Using high lumen SMD light source
- 2.Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- 4.Launch in 0.01sec, no flashing, no noise, no radiation and energy saving.
- 5. This product can show high brightness, without seeing the lamp itself.

18W 145mm cut-out (6")



DIMENSIONS

LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	18W
IP Rating	IP20
Dimensions	ф158×27mm
Cut-out size	ф145mm
Luminous Flux	1600Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL RD 18w

TECHNICAL SPECIFICATIONS

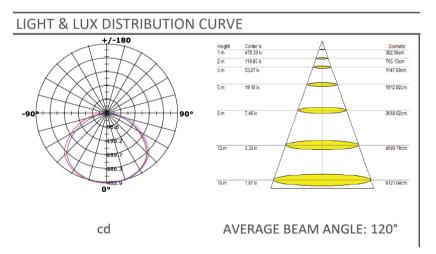
Input Voltage	100-240V AC
Power Factor	0.96
LED Type	SMD 2835
LED Luninous Flux	2592Lm
Luminous Efficacy	90Lm/W
LED Manufacturer	RUNLITE
LED Circuit Mode	(18)S*(6)P=(108)PCS
LED Board Base Type	1060
Driver Output	54VDC 300mA
Driver Specifications	Non-Isolated
Total Circuit Power (W)	18±2
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	78mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	0.17 (A+)
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White
Weight	710g

- 1.Using high lumen SMD light source
- 2. Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- 4.Launch in 0.01sec, no flashing, no noise, no radiation and energy saving.
- 5. This product can show high brightness, without seeing the lamp itself.

18W 140×140mm cut-out (5.5")



DIMENSIONS 130.00nn 27.00nn



KEY DATA

Power	18W
IP Rating	IP20
Dimensions	150×150×27mm
Cut-out size	140×140mm
Luminous Flux	1600Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL SQ 18w

TECHNICAL SPECIFICATIONS

Input Voltage	100-240V AC
Power Factor	0.96
LED Type	SMD 2835
LED Luninous Flux	2592Lm
Luminous Efficacy	90Lm/W
LED Manufacturer	RUNLITE
LED Circuit Mode	(18)S*(6)P=(108)PCS
LED Board Base Type	1060
Driver Output	54VDC 300mA
Driver Specifications	Non-Isolated
Total Circuit Power (W)	18±2
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	78mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	0.17 (A+)
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White
Weight	720g

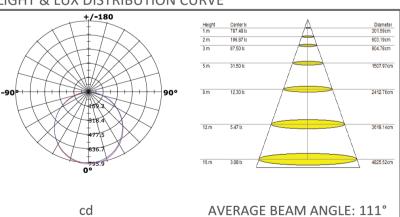
- 1.Using high lumen SMD light source
- 2.Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- $\label{eq:continuous} \mbox{4.Launch in 0.01sec, no flashing, no noise, no radiation } \mbox{and energy saving.}$
- 5. This product can show high brightness, without seeing the lamp itself.

24W 165mm cut-out (6.5")



DIMENSIONS

LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	24W
IP Rating	IP20
Dimensions	ф178×27mm
Cut-out size	ф165mm
Luminous Flux	2300Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL RD 24w

TECHNICAL SPECIFICATIONS

Input Voltage	100-240V AC
Power Factor	0.96
LED Type	SMD 2835
LED Luninous Flux	3456Lm
Luminous Efficacy	96Lm/W
LED Manufacturer	RUNLITE
LED Circuit Mode	(24)S*(6)P=(144)PCS
LED Board Base Type	1060
Driver Output	72VDC 300mA
Driver Specifications	Non-Isolated
Total Circuit Power (W)	24±2
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	104mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	0.14 (A+)
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White
Weight	960g

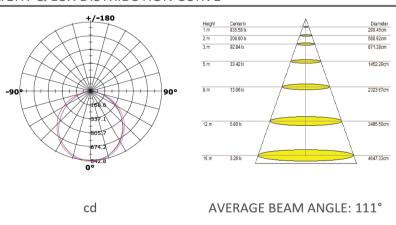
- 1.Using high lumen SMD light source
- 2. Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- 4.Launch in 0.01sec, no flashing, no noise, no radiation and energy saving.
- 5. This product can show high brightness, without seeing the lamp itself.

24W 160×160mm cut-out (6.5")



DIMENSIONS 156.00mm

LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	24W
IP Rating	IP20
Dimensions	175×175×27mm
Cut-out size	160×160mm
Luminous Flux	2300Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL SQ 24w

TECHNICAL SPECIFICATIONS

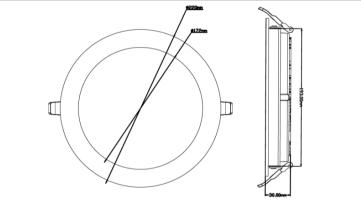
Input Voltage	100-240V AC
Power Factor	0.96
LED Type	SMD 2835
LED Luninous Flux	3456Lm
Luminous Efficacy	96Lm/W
LED Manufacturer	RUNLITE
LED Circuit Mode	(24)S*(6)P=(144)PCS
LED Board Base Type	1060
Driver Output	72VDC 300mA
Driver Specifications	Non-Isolated
Total Circuit Power (W)	24±2
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	104mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	0.14 (A+)
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White
Weight	960g

- 1.Using high lumen SMD light source
- 2.Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- $\label{eq:continuous} \mbox{4.Launch in 0.01sec, no flashing, no noise, no radiation } \mbox{and energy saving.}$
- 5. This product can show high brightness, without seeing the lamp itself.

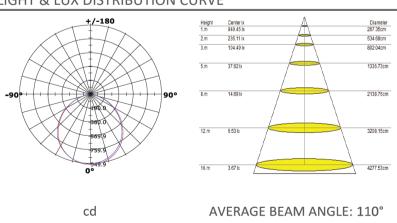
32W 200mm cut-out (8")



DIMENSIONS



LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	32W
IP Rating	IP20
Dimensions	ф220×30mm
Cut-out size	ф200mm
Luminous Flux	3100Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL RD 32w

TECHNICAL SPECIFICATIONS

Input Voltage	100-240V AC
Power Factor	0.96
LED Type	SMD 2835
LED Luninous Flux	4032Lm
Luminous Efficacy	97Lm/W
LED Manufacturer	RUNLITE
LED Circuit Mode	(24)S*(7)P=(168)PCS
LED Board Base Type	1060
Driver Output	72VDC 400mA
Driver Specifications	Non-Isolated
Total Circuit Power (W)	32±2
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	139mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Fire Rating Energy Efficiency Index (EEI)	V-0 0.16 (A+)
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Energy Efficiency Index (EEI)	0.16 (A+)

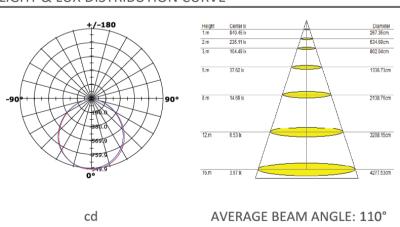
- 1.Using high lumen SMD light source
- 2.Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- 4.Launch in 0.01sec, no flashing, no noise, no radiation and energy saving.
- 5. This product can show high brightness, without seeing the lamp itself.

32W 200×200mm cut-out (8")



DIMENSIONS

LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	32W
IP Rating	IP20
Dimensions	220×220×30mm
Cut-out size	200×200mm
Luminous Flux	3100Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL SQ 32w

TECHNICAL SPECIFICATIONS

Input Voltage	100-240V AC
Power Factor	0.96
LED Type	SMD 2835
LED Luninous Flux	4032Lm
Luminous Efficacy	97Lm/W
LED Manufacturer	RUNLITE
LED Circuit Mode	(24)S*(7)P=(168)PCS
LED Board Base Type	1060
Driver Output	72VDC 400mA
Driver Specifications	Non-Isolated
Total Circuit Power (W)	32±2
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	139mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	0.16 (A+)
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White
Weight	1460g

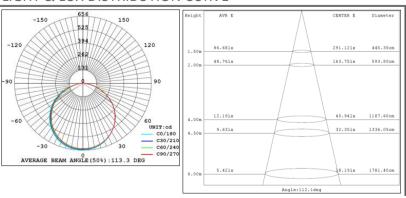
- 1.Using high lumen SMD light source
- 2.Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- $\label{eq:continuous} \mbox{4.Launch in 0.01sec, no flashing, no noise, no radiation } \mbox{and energy saving.}$
- 5. This product can show high brightness, without seeing the lamp itself.

24W 215mm cut-out (8")



Ø225 (mm) Ø195 (mm) 25 (mm)

LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	24W
IP Rating	IP20
Cut-out size	ф215mm
Dimensions	ф225×25mm
Luminous Flux	2400Lm
Colour Temperature	6500K
Warranty	One year

Model Number

PL RD 24w (8")

TECHNICAL SPECIFICATIONS

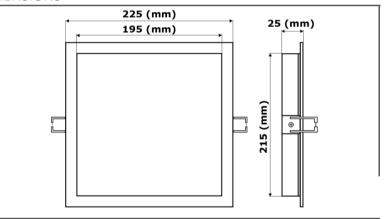
Input Voltage	100-240VAC
Power Factor	0.99
LED Type	SMD 2835
Luminous Efficacy (Lm/W)	78.2
LED Manufacturer	SANAN
LED Qty (pcs)	120
Driver Output	80VDC 300mA
Driver Specifications	Isolated
Total Circuit Power (W)	24±2
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	108mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	A+
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White

- 1.Using high lumen SMD light source
- 2.Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- $\label{eq:continuous} \mbox{4.Launch in 0.01sec, no flashing, no noise, no radiation} \\ \mbox{and energy saving.}$
- 5. This product can show high brightness, without seeing the lamp itself.

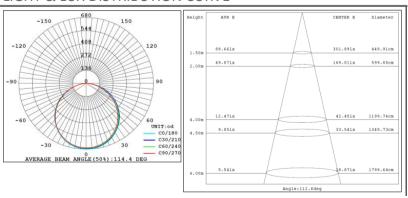
24W 215×215mm cut-out (8")



DIMENSIONS



LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	24W
IP Rating	IP20
Cut-out size	215×215mm
Dimensions	225×225×25mm
Luminous Flux	2400Lm
Colour Temperature	6500K
Warranty	One year

Model Number

PL SQ 24w (8")

TECHNICAL SPECIFICATIONS

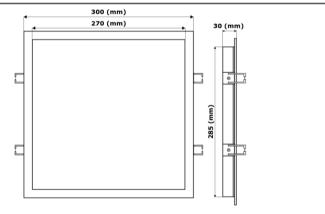
Input Voltage	100-240VAC
Power Factor	0.99
LED Type	SMD 2835
Luminous Efficacy (Lm/W)	80.4
LED Manufacturer	SANAN
LED Qty (pcs)	120
Driver Output	80VDC 300mA
Driver Specifications	Isolated
Total Circuit Power (W)	24±2
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	110mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	A+
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White

- 1.Using high lumen SMD light source
- 2.Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- 4.Launch in 0.01sec, no flashing, no noise, no radiation and energy saving.
- 5. This product can show high brightness, without seeing the lamp itself.

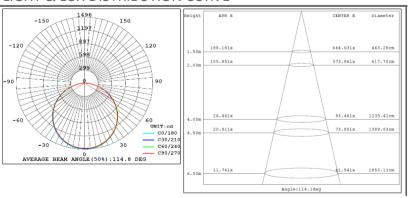
40W 285×285mm cut-out (11")



DIMENSIONS



LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	40W
IP Rating	IP20
Cut-out size	285×285mm
Dimensions	300×300×30mm
Luminous Flux	4000Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL SQ 40w

TECHNICAL SPECIFICATIONS

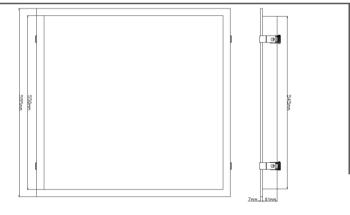
Input Voltage	100-240VAC
Power Factor	0.98
LED Type	SMD 2835
Luminous Efficacy (Lm/W)	100
LED Manufacturer	SANAN
LED Qty (pcs)	200
Driver Output	34VDC 1200mA
Driver Specifications	Isolated
Total Circuit Power (W)	40±2
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	199mA
Operating Temp.	-15 to +50°C
Lifespan	30,000 hours
Fire Rating	V-0
Energy Efficiency Index (EEI)	A+
Diffuser Material	Polystyrene
Housing Material/Colour	Aluminium/White

- 1.Using high lumen SMD light source
- 2.Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- 4.Launch in 0.01sec, no flashing, no noise, no radiation and energy saving.
- 5. This product can show high brightness, without seeing the lamp itself.

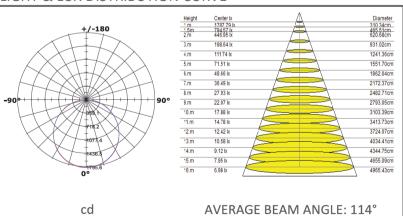
50W 580×580mm cut-out (23")



DIMENSIONS



LIGHT & LUX DISTRIBUTION CURVE



KEY DATA

Power	50W
IP Rating	IP20
Dimensions	595×595×48mm
Cut-out size	580×580mm
Luminous Flux	5000Lm
Colour Temperature	4000K/6500K
Warranty	One year

Model Number

PL SQ 50w

TECHNICAL SPECIFICATIONS

Input Voltage	100-240V AC
Power Factor	0.96
LED Type	SMD 2835
LED Luninous Flux	7759Lm
Luminous Efficacy	100Lm/W
LED Manufacturer	RUNLITE
LED Circuit Mode	(13)S*(28)P=(364)PCS
LED Board Base Type	Fiber Glass
Driver Output	33VDC 1395mA
Driver Specifications	Isolated
Total Circuit Power (W)	50±0.5
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Supply Current	220mA
Operating Temp.	-15 to +50°C
Operating Temp. Lifespan	-15 to +50°C 30,000 hours
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Lifespan	30,000 hours
Lifespan Fire Rating	30,000 hours V-0
Lifespan Fire Rating Energy Efficiency Index (EEI)	30,000 hours V-0 0.14 (A+)

- 1.Using high lumen SMD light source
- 2.Using good reflectivity light, it is thinner and brighter, the light is more equally.
- 3.Low voltage & constant current driver, no glare, the light is soft.
- $\label{eq:continuous} \mbox{4.Launch in 0.01sec, no flashing, no noise, no radiation } \mbox{and energy saving.}$
- 5. This product can show high brightness, without seeing the lamp itself.

LED PANEL LIGHT

Summary

Model Number	Decription	Power	Colour Temperature	Lumens
PL RD 06w	φ77mm cut-out (3")	6w	4000k,6500k	400Lm
PL SQ 06w	75×75mm cut-out (3")	6w	4000k,6500k	400Lm
PL RD 12w	φ115mm cut-out (4,5")	12w	4000k,6500k	1000Lm
PL SQ 12w	100×100mm cut-out (4")	12w	4000k,6500k	1000Lm
PL RD 18w	φ145mm cut-out (6")	18w	4000k,6500k	1600Lm
PL SQ 18w	140×140mm cut-out (5,5")	18w	4000k,6500k	1600Lm
PL RD 24w	φ165mm cut-out (6,5")	24w	4000k,6500k	2300Lm
PL SQ 24w	160×160mm cut-out (6,5")	24w	4000k,6500k	2300Lm
PL RD 32w	φ200mm cut-out (8")	32w	4000k,6500k	3100Lm
PL SQ 32w	200×200mm cut-out (8")	32w	4000k,6500k	3100Lm
PL RD 24w (8")	φ215mm cut-out (8")	24w	6500k	2400Lm
PL SQ 24w (8")	215×215mm cut-out (8")	24w	6500k	2400Lm
PL SQ 40w	285×285mm cut-out (11")	40w	4000k,6500k	4000Lm
PL SQ 50w	580×580mm cut-out (23")	50w	4000k,6500k	5000Lm

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