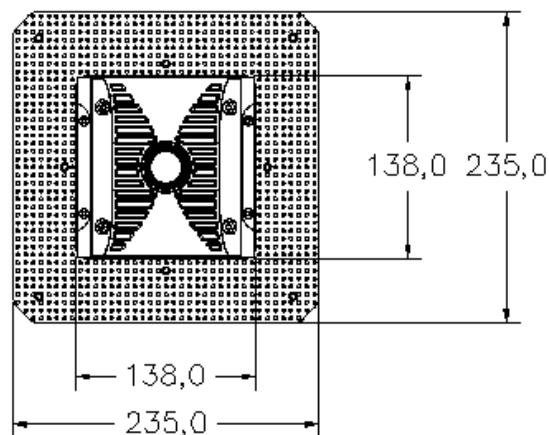
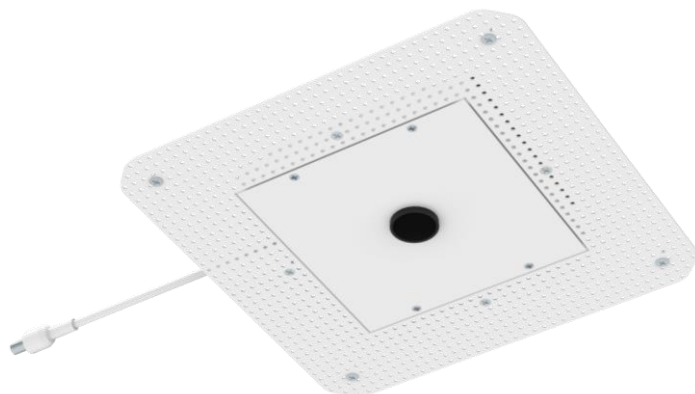


Super Thin LED Mini Spotlight

Catalog #		Prepared by	LiteHarbor
Project		Date	
Notes			



Xiangfei Series LED Mini Spotlight

Description

Xiangfei X-Light series, it provides a quick and convenient installation method, provides the solution of the edge of architecture lighting, and makes a big breakthrough in the use and design. 1 inch (Ø25mm) of the light-emitting surface the size to achieve the ultimate.

Features

- Xiangfei X-light series with square and circular light emission effect.
- Use big brand COB light source with high luminous efficiency (140lm/w) and long service life (100000 hours).
- Professional light distribution devices, no glare, perfect control light, spot even transition.

Lamp Body

- Ultra thin, the height of the whole lamp is only 23mm .
- Ultra small light emitting surface, only 1 inch (Ø25mm).
- All-in-one die casting lamp body with unique appearance.
- Double-sided heat dissipation, can be made into IC type directly.
- The anti-pull device is hidden inside the lamp body.



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 Specifications subject to change w/o notice
 Revision: July. 2017

Power Supply

- Wide voltage input 120-277VAC, 50/60 Hz, 0-10V dimming, constant voltage and constant current mode.
- The power has UL listed, can be applied to a variety of applications.
- Integrated power supply, easy to replace the power supply.
- The input voltage of each lamp is 42V/24V, the load termin can be used independently.
- Each luminaire is connected in parallel, one power supply can simultaneously control the use of five lamps.

Mounting And Maintenance

- Remodel and new construction optional.
- Wide range of applications, it can be installed in different ceiling thickness, is the real universal type downlight.
- Cut-out dimensions 142*142mm .
- The subsequent decoration is also convenient and quick.
- There is no welding between the light source and the power supply, can replace the LED lamp beads according to the demand.

Lamp

Wattage	16W Max./lamp
Input Voltage	42V/24V
CCT	3000K/4000K/5000K/6500K
CRI	80+/90+
Luminous flux	1400lm/lamp
Light source	COB
Dimming	0-10V Dimming
Life span	100000Hours
Dimmensions	235*235*29mm

Power Supply

Wattage	120W Max .
Input Voltage	120-277V AC
Frequency	50/60 Hz
Output Voltage	42V/24V
Electric current	3.4A Max .
Power Factor	>0.9
Dimming	0-10V Dimming

Applications

Apply to residential, offices, hotels, shopping mall stores etc.

Listing / Warranty

ETL listed to US and Canadian standards for damp location W/Feed through.

5 Year Limited Warranty.



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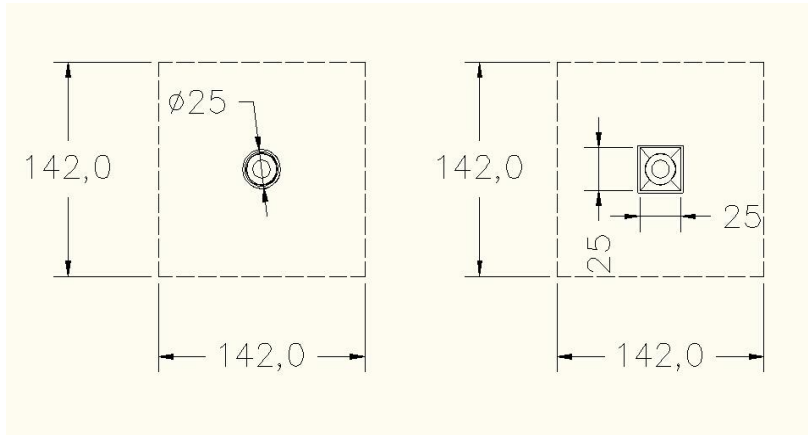
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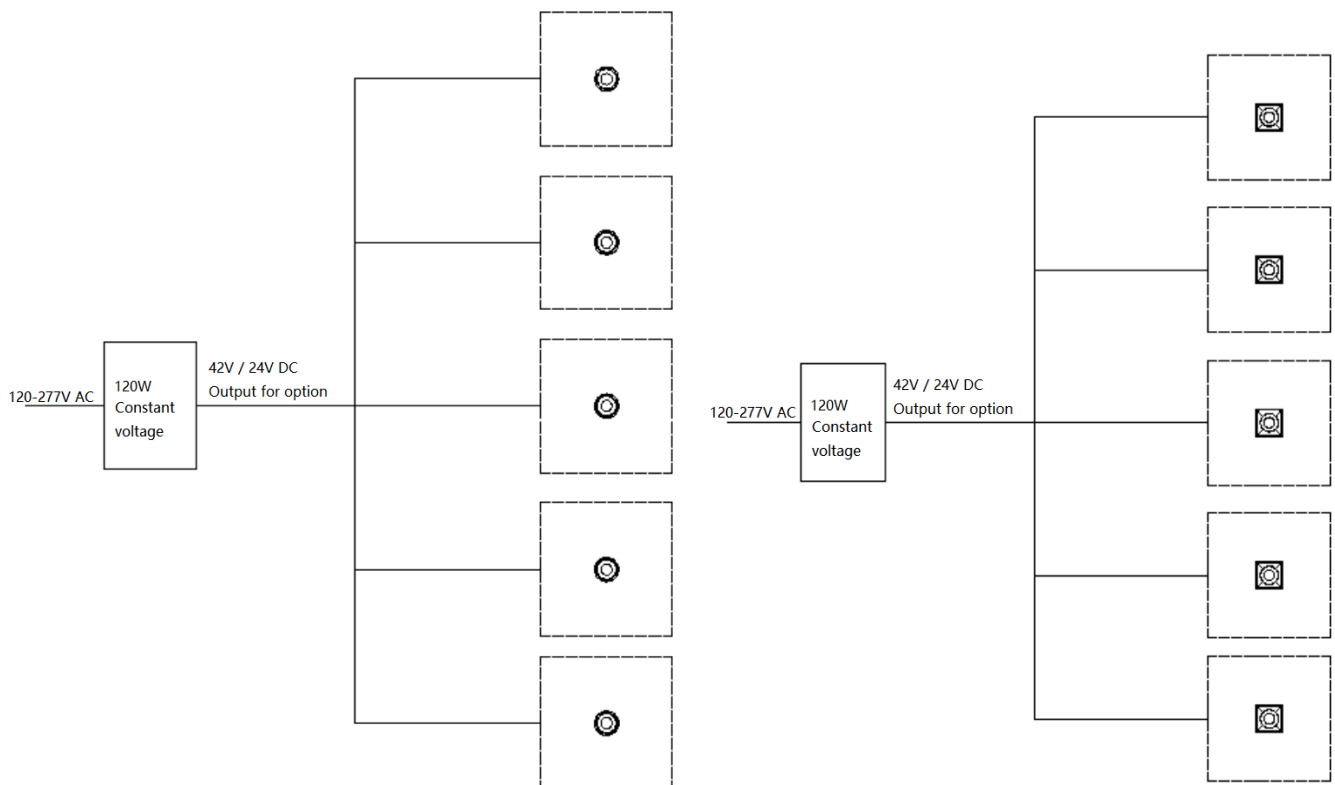


Cut-Out

142*142mm



Wiring Diagram



LED MINI SPOTLIGHT



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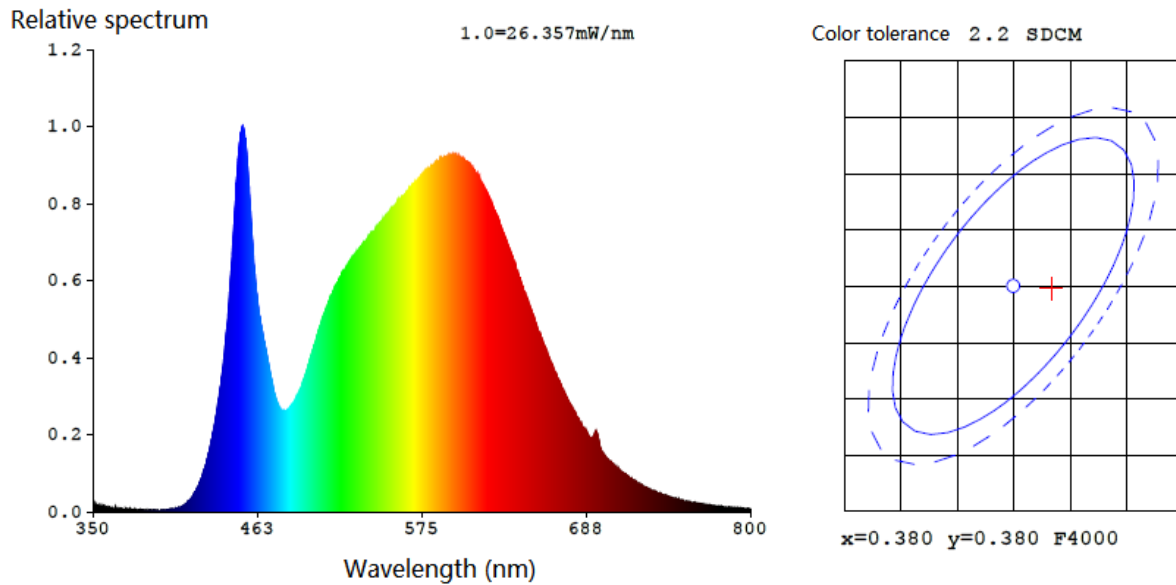
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Spectrogram

This is the naked test results of the light source and driver.



Line Pressure Drop Reference Table

Drive power supply output line voltage drop reference table (Uout=42V/24V Plamp=16W Voltage drop≤5%)

	18AWG	16AWG	14AWG	12AWG	10AWG
1 Light	≤270m	≤450m	≤700m	≤1100m	≤1800m
2 Lights	≤130m	≤220m	≤350m	≤550m	≤900m
3 Lights	≤60m	≤110m	≤170m	≤270m	≤450m
4 Lights	≤30m	≤55m	≤80m	≤130m	≤220m
5 Lights	≤15m	≤25m	≤40m	≤60m	≤110m

Ordering Guide

- | | | | | |
|--|---|---|---|---|
| <input type="checkbox"/> Series | <input type="checkbox"/> Mounting | <input type="checkbox"/> Input Voltage | <input type="checkbox"/> Wattage | <input type="checkbox"/> Color Temperature |
| X-light | <input type="checkbox"/> Remodel | <input type="checkbox"/> 120v-277V | <input type="checkbox"/> 16W/lamp | <input type="checkbox"/> 3000K |
| LED Mini Spotlight | <input type="checkbox"/> New Construction | | | <input type="checkbox"/> 4000K |
| | | | | <input type="checkbox"/> 5000K |
| | | | | <input type="checkbox"/> 6500K |
| <input type="checkbox"/> Dimmable | <input type="checkbox"/> CRI | <input type="checkbox"/> Light Source | <input type="checkbox"/> Shape | |
| 0-10V dimming | <input type="checkbox"/> 80+ | <input type="checkbox"/> CREE | <input type="checkbox"/> Square | |
| | <input type="checkbox"/> 90+ | <input type="checkbox"/> Citizen | <input type="checkbox"/> Round | |
| | | <input type="checkbox"/> Epistar | | |
| | | <input type="checkbox"/> Seoul | | |
| | | <input type="checkbox"/> Osram | | |

*Customized Also Available

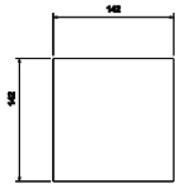


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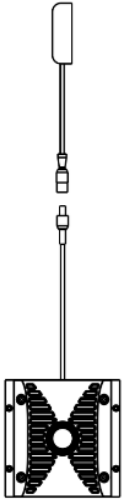
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Installation diagram

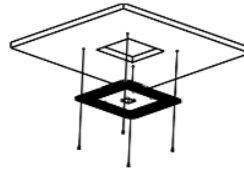


Step1.
Cut a square 142*142mm opening into ceiling in the desired location.

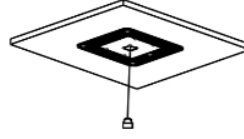


Step2.
Connect the wires.

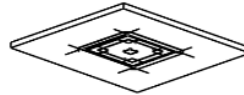
Remodel



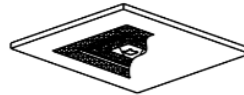
Step3.
Fixed the mesh plate.



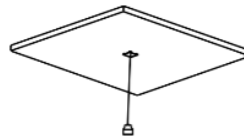
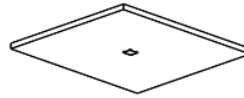
Step4.
Plug the reflector with a rubber plug.



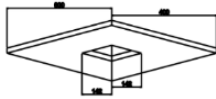
Step5.
(1)Seal the seam with caulking glue.
(2)Brush white latex.
(3)Use anti-crack seam tape.



Step6.
Plastering.



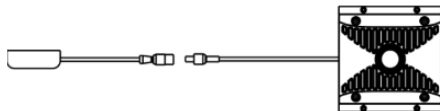
Step7.
Remove the rubber plug.



Step1.
Cut a square 142*142mm into ceiling in the desired location.

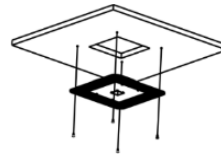


Step2.
Nailed a board to the joist.

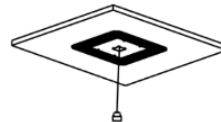


Step3.
Connect the wires.

New Construction



Step4.
Fixed the mesh plate.



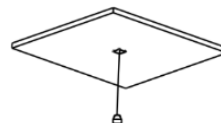
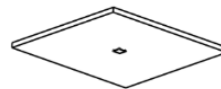
Step5.
Plug the reflector with a rubber plug.



Step6.
(1)Seal the seam with caulking glue.
(2)Brush white latex.
(3)Use anti-crack seam tape.



Step7.
Plastering.



Step8.
Remove the rubber plug.

