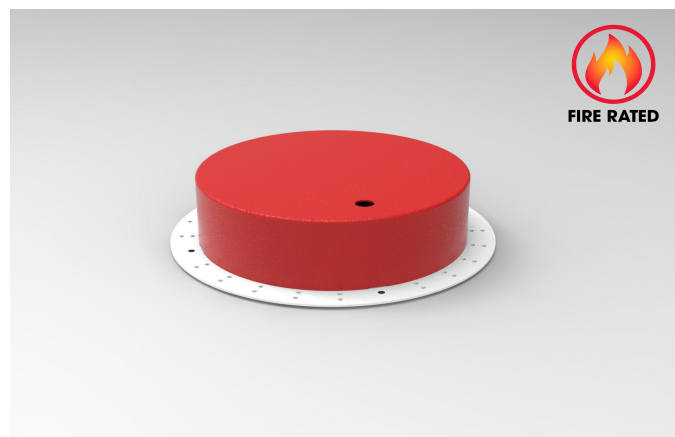


X-Light IV

LED Fire Rated Mini Spotlight

Catalog #		Prepared by	LiteHarbor
Project		Date	
Notes			



Description

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 of the light-emitting surface the size to achieve the ultimate.

Features

- * Square and circular light emission effect options.
- * Use big brand COB light source with high luminous efficiency and long service life.
- * Professional light distribution devices, no glare, perfect control light, spot even transition.
- * Easy to change light sources, and multiple trim can share one housing.

Fire Rated

- * Offer a fire rated solution.
- * It can meet an 1-Hour Fire Rating fire rated testing in UL 263.
- * This is with a standard 1-hour metal back cover which provides a reinforced and heat resistant for up to 1 hours of protection.

Applications

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

Lamp Specification

Wattage	16W Max./Lamp IC
Input Voltage	Constant Voltage DC24V
CCT	2700K/3000K/3500K/4000K/5000K
CRI	80+/90+
Luminous Flux	1300LM/Lamp
Beam Angle	15°/24°/36°/50°
Cable	FT6 Cable
Trim	Round/Square Round Trimless/Square Trimless
LED Lifetime	L70 50,000 Hours
Location	Suitable for Dry/Damp Locations
Warranty	5-Year Limited Warranty
Certification	cETLus

Power Supply

Wattage	96W
Input Voltage	120V-277V AC
Frequency	50/60 Hz
Output Voltage	42V/24V
Electric current	3.4A Max .
Power Factor	>0.9
Dimming	0-10V Dimming

LED MINI SPOTLIGHT



*Other special requirements please contact with our sales.



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Specifications subject to change w/o notice
Revision: May 2024

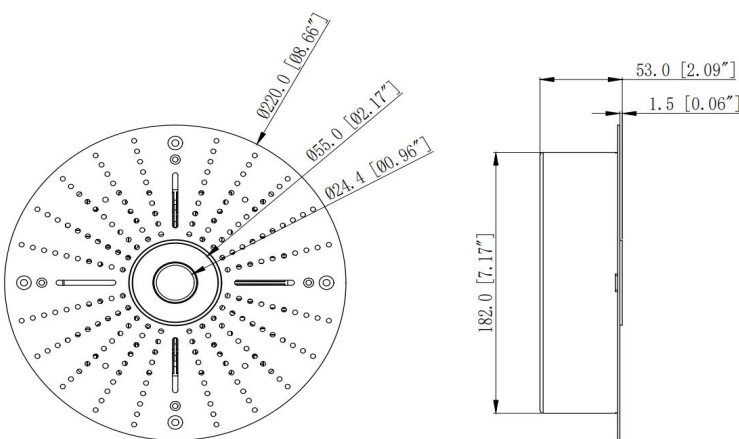
Power Supply

- * 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 DC24V, 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 185mm.
- * 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.

Dimensions



LED MINI SPOTLIGHT

Trim Options



Square Trimmed



Round Trimmed

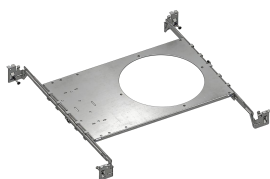


Square Trimless



Round Trimless

Accessory



New Construction Plate

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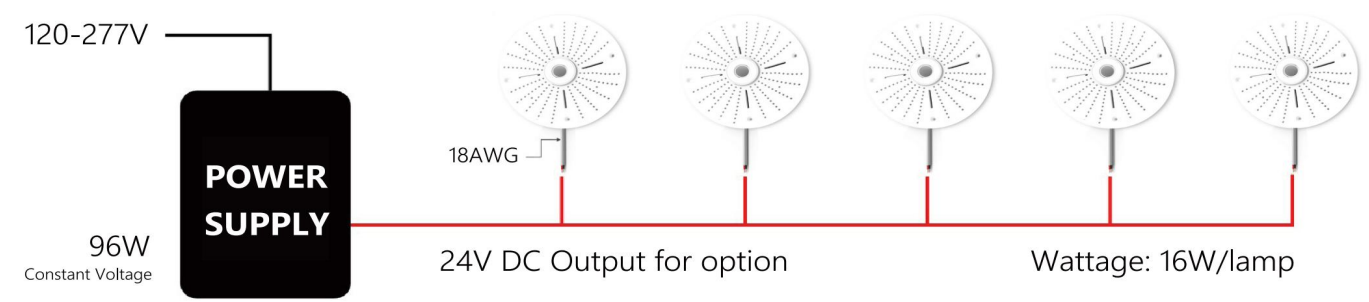
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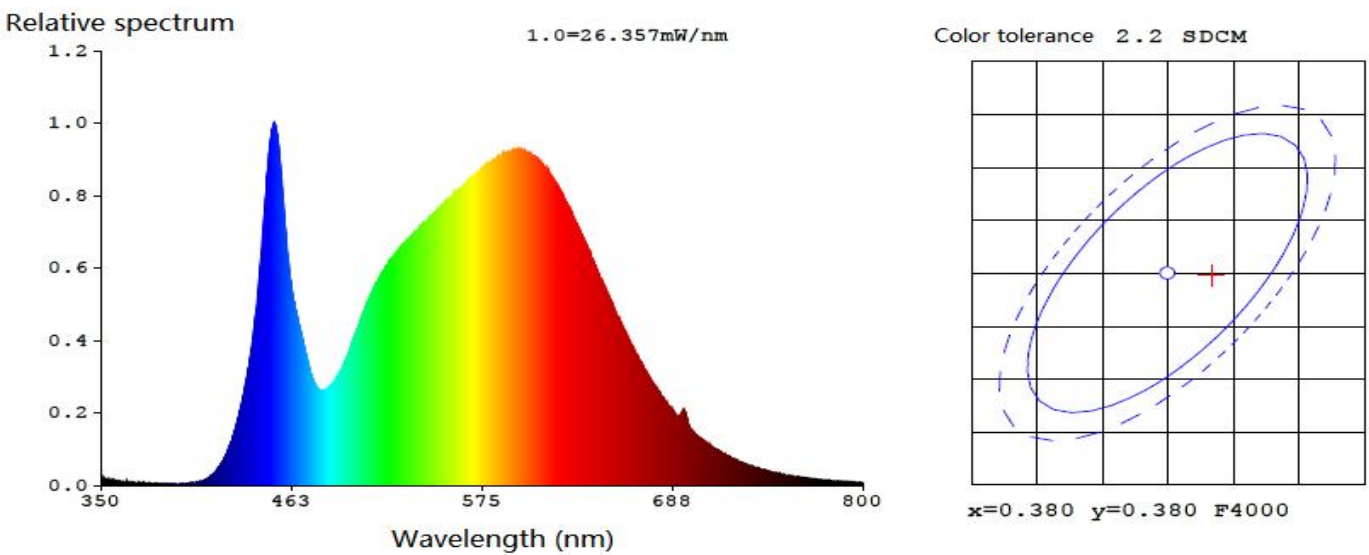
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Wiring Diagram



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

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Ordering Guide

Example: X-Light-IV.....

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Model No.	Wattage	Trim	Voltage	Dimming
X-Light-IV	16W	R Round Trim S Square Trim RTL Round Trimless STL Square Trimless	V1 120V V2 120V-277V V3 None(No need to provide LED driver)	D1 Non Dimming D2 Triac(120V only) D3 0-10V D4 None(No need to provide LED driver)

CRI	CCT	Lumen	Beam Angle	Finish
80 CRI>80 90 CRI>90	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K WD 3000K-1800K	80 80lm/w	15 15° 24 24° 36 36° 50 50°	WH White BK Black WB White trim, black insert BW Black trim, white insert C Custom



LED MINI SPOTLIGHT

Installation	
NC New Construction R Remodel	

*Other special requirements please contact with our sales.

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