TWILIGHT WHITE
STAR MODULE
SPECIFICATION

PROJECT	DATE
TYPE	QTY

epiXsky
experience light

EpiXsky's **TWILIGHT WHITE STAR MODULE** is designed to be a star kit *or* a custom effect kit.

With this module you can create a simple and beautiful star field or a **constellation**, a **shooting star** or a **meteor shower**.

These are programmable by dip switch settings, RS-232 third party controllers such as Centro or Control 4.

We suggest downloading our free EPIX app from the app store.

KEY FEATURES:

- 12 VDC Power
- Fiber Port (supports 256 fibers)
- 6 Programs*
- RS-232 Serial Controllable
- Stand Alone Mode – Dip Switch Program
- Optional EpiX WiFi required w/ 3rd Party Control
- Remote Momentary Switch Ready *(Sold Separately)*
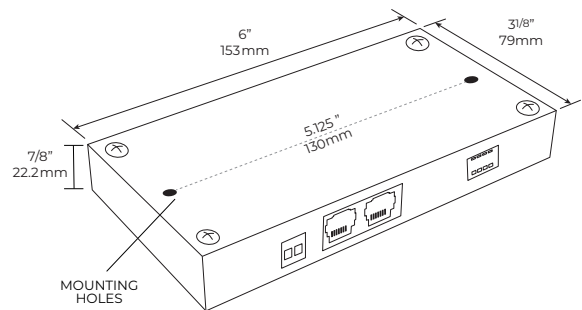
  * Refer to module control reference sheet

If you plan to have more than one effect, we suggest our addressable modules so you can control each effect separately.

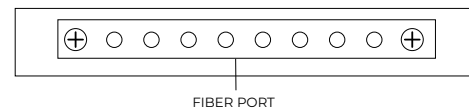## BENEFITS:

- Digital Electronics
- Compact Design
- Quiet Operation (no fan)
- No Moving Parts!
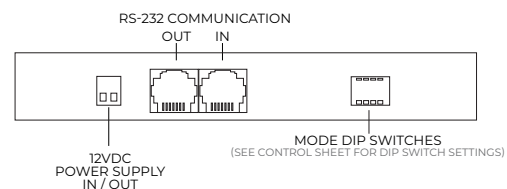- Long Life LED's
- Low Wattage

MADE IN U. S. A.

TECHNICAL INFO:

6" / 153mm · 31/8" / 79mm · 5.125" / 130mm · 7/8" / 22.2mm

MOUNTING HOLES

FRONT

FIBER PORT

BACK

RS-232 COMMUNICATION
OUT   IN

12VDC POWER SUPPLY IN / OUT

MODE DIP SWITCHES
(SEE CONTROL SHEET FOR DIP SWITCH SETTINGS)

ORDERING

MODEL	RS-232 CABLE LENGTH	POWER	FIBER HEAD
TWSM -	-	-	
White Stars, Shooting Star, Constellation, or Meteor Shower Module with built in programs	**10** - 10ft **35** - 35ft	**N** - none **20** - 20W **40** - 40W **60** - 60W **100** - 100W **150** - 150W **320** - 320W *See Power requirements (page 2)*	**1.6** - 1' 6" **3.6** - 3' 6" **5.6** - 5' 6" **10** - 10' *See Length Guide for application requirement (page 2)*

ADD-ONS

/ / / / / / / /
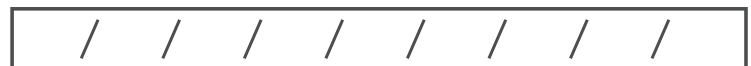
WiFI - WiFi Interface *(required for 3rd party control)(link required w/ WiFi)*
LINK - Communicator for Wifi Interface *(required for 3rd party control)*
ADSR - Addressor *(for multi-room control)*
RGB Mini - RGB Mini *(for rgb ambient cove lighting)*
ADVP - Advanced-pro *(for rgbw cove lighting and advanced control)*
DISTBD- Distribution Board *(streamlines RS-232 communication)*
RMS - Remote Momentary Switch *(for simple on/off)*
DB - Drill Bits *(2 pack)*
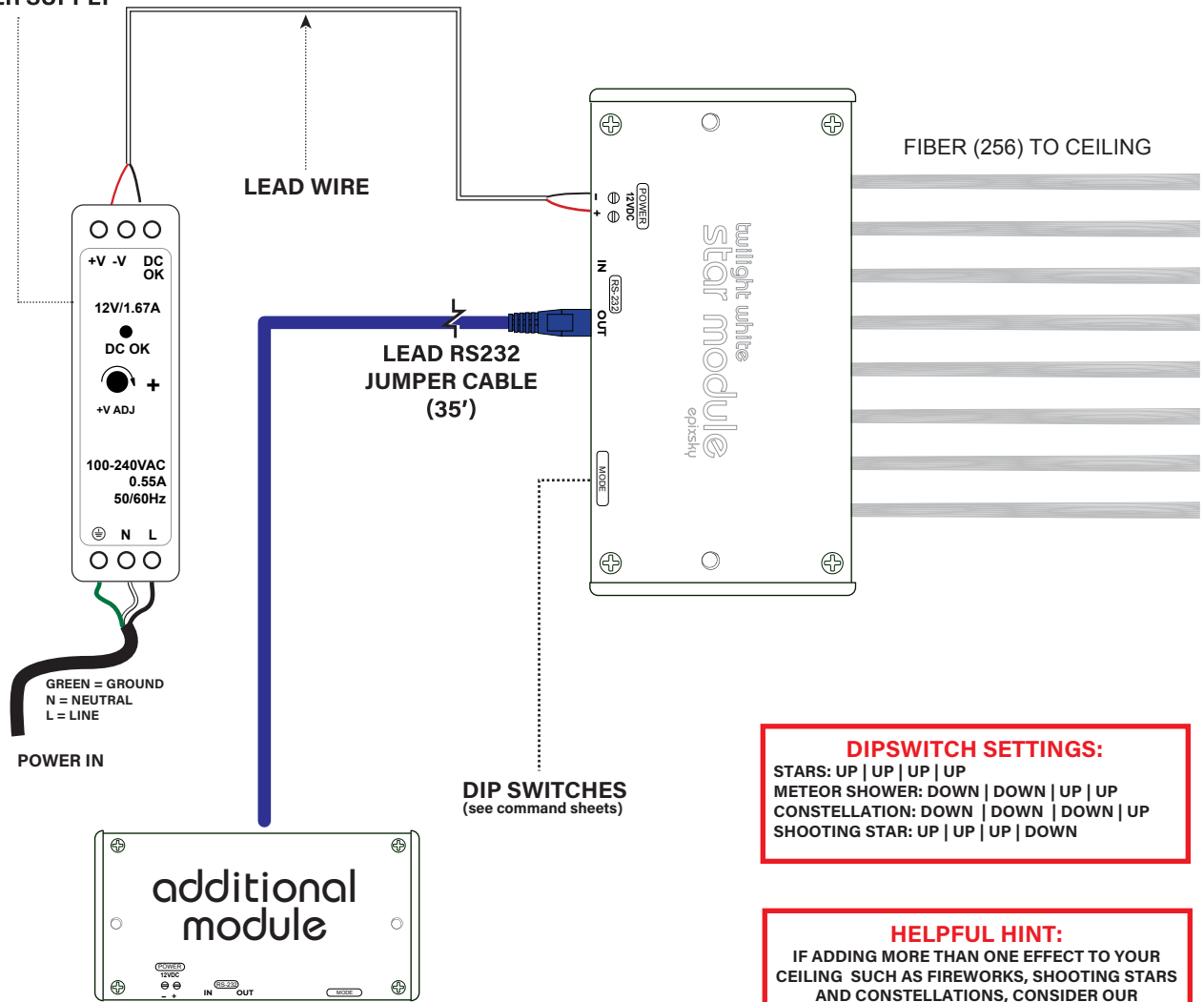**FG** - Fiber Glue *(adheres fibers to surface)*

TWILIGHT WHITE
STAR MODULE
WIRING DIAGRAM

12V POWER SUPPLY

LEAD WIRE

FIBER (256) TO CEILING

+V -V   DC OK

12V/1.67A

DC OK

+V ADJ   +

100-240VAC
0.55A
50/60Hz

N   L

POWER
12VDC

IN   OUT   RS-232

twilight white
star module
epixsky

MODE

**LEAD RS232
JUMPER CABLE
(35')**

GREEN = GROUND
N = NEUTRAL
L = LINE

POWER IN

DIP SWITCHES
(see command sheets)

DIPSWITCH SETTINGS:
STARS: UP | UP | UP | UP
METEOR SHOWER: DOWN | DOWN | UP | UP
CONSTELLATION: DOWN | DOWN | DOWN | UP
SHOOTING STAR: UP | UP | UP | DOWN

HELPFUL HINT:
IF ADDING MORE THAN ONE EFFECT TO YOUR
CEILING SUCH AS FIREWORKS, SHOOTING STARS
AND CONSTELLATIONS, CONSIDER OUR
ADDRESSABLE MODULES SO YOU CAN CONTROL
EACH EFFECT INDIVIDUALLY.

additional
module

POWER
12VDC

IN   OUT   RS-232   MODE

**BUILD YOUR UNIVERSE BY ADDING
ADDITIONAL ADDRESSABLE MODULES
FOR THE ULTIMATE IMPACT AND CONTROL!**

STARS FIBER LENGTH CHART

2'x2' Panel / Area	1.6"
2'x4' Panel / Area	3'6"
4'x4' Panel / Area	5'6"
4'x8' Panel / Area	10'

POWER SUPPLY CHART

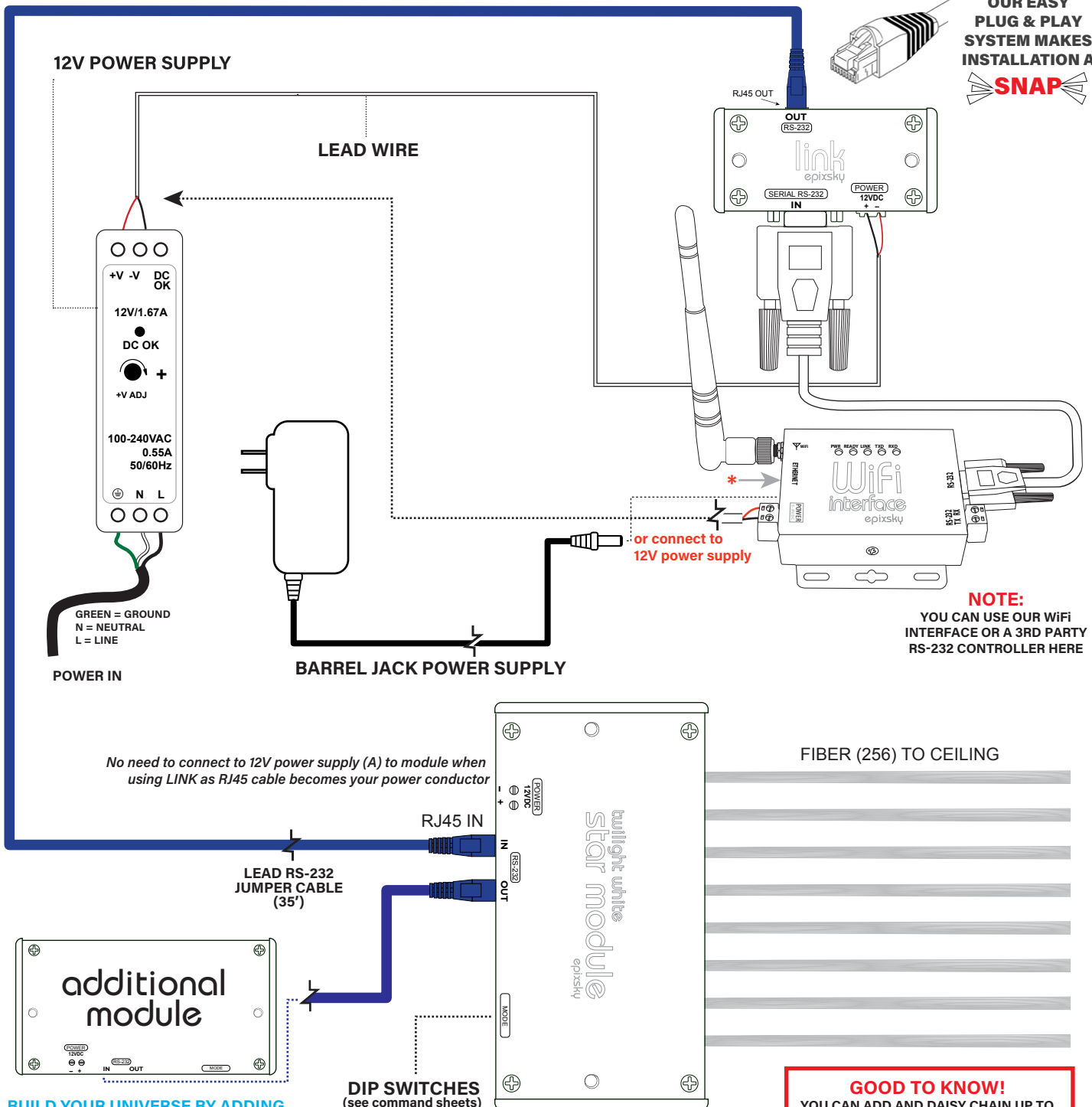|	
20W	5-6 modules
40W	12-13 modules
60W	19 modules
100W	32-33 modules
150W	105-106 modules

**Every 13th module will need a power boost.
Use another lead wire and connect from your
power supply to the power input on your module.**

TWILIGHT WHITE
STAR MODULE
WIRING DIAGRAM

OUR EASY PLUG & PLAY SYSTEM MAKES INSTALLATION A ►► SNAP ◄◄

12V POWER SUPPLY

RJ45 OUT

OUT RS-232

link epixsky

SERIAL RS-232 **IN**

POWER 12VDC + −

LEAD WIRE

+V −V   DC OK

12V/1.67A

● DC OK

+V ADJ

100-240VAC 0.55A 50/60Hz

Ⓝ N L

GREEN = GROUND
N = NEUTRAL
L = LINE

POWER IN

WiFi
interface epixsky

PWR READY LINK TXD RXD

ETHERNET

RS-232 TX RX

POWER

*

or connect to 12V power supply

BARREL JACK POWER SUPPLY

NOTE:
YOU CAN USE OUR WiFi INTERFACE OR A 3RD PARTY RS-232 CONTROLLER HERE

No need to connect to 12V power supply (A) to module when using LINK as RJ45 cable becomes your power conductor

FIBER (256) TO CEILING

POWER 12VDC − +

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RS-232

RJ45 IN

IN

OUT

LEAD RS-232 JUMPER CABLE (35')

additional module

POWER 12VDC − +   RS-232 IN OUT   MODE

MODE

DIP SWITCHES
(see command sheets)

BUILD YOUR UNIVERSE BY ADDING ADDITIONAL ADDRESSABLE MODULES FOR THE ULTIMATE IMPACT AND CONTROL!

GOOD TO KNOW!
YOU CAN ADD AND DAISY CHAIN UP TO 10 STAR MODULES USING THE SAME 25W POWER SUPPLY. MORE THAN 10 AND YOU WILL NEED A LARGER POWER SUPPLY (SEE PAGE 2)

NOTE:
SEE COMMAND SHEET FOR DIP SWITCH SETTINGS TO GET YOUR DESIRED EFFECT.

HELPFUL HINT:
IF ADDING MORE THAN ONE EFFECT TO YOUR CEILING SUCH AS FIREWORKS, SHOOTING STARS AND CONSTELLATIONS, CONSIDER OUR ADDRESSABLE MODULES SO YOU CAN CONTROL EACH EFFECT INDIVIDUALLY.

＊ADVANCED USE
To marry EPIX system with your home automation system, connect our WiFi Interface to your home modem.