TWILIGHT COLOR
STAR MODULE
SPECIFICATION

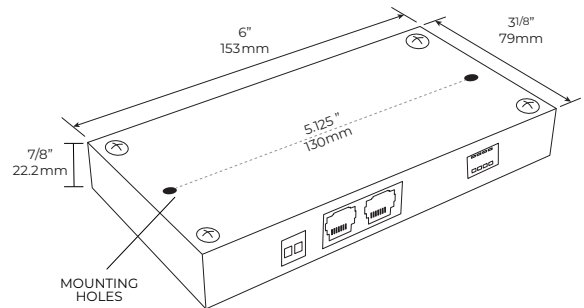| PROJECT	DATE
TYPE	QTY

epiXsky
experience light

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

With this module you can create a simple colorful starfield and have the choice of iridescent, random, full or a single color starfield.
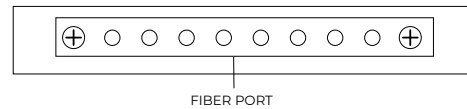
These are programmable by dip switch settings or RS-232 third party controllers such as Centro or Control 4.

If you don't already own a third party controller, we suggest downloading our free EPIX app from the app store for our custom programs to get the most out of your stars.
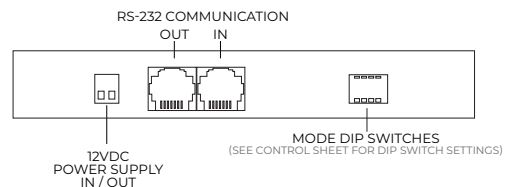
KEY FEATURES:

- 12 VDC Power
- Fiber Port (supports 256 fibers)
- 16 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
TCSM			
Color Stars with 16 built in programs	**10** - 10ft **35** - 35ft	**N** - none **20** - 20W **40** - 40W **60** - 60W **100** - 100W **150** - 150W **320** - 320W	**STARS** **1.6** - 1' 6" **3.6** - 3' 6" **5.6** - 5' 6" **10** - 10'

See Power requirements (page 2)

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)*

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

GREEN = GROUND
N = NEUTRAL
L = LINE

POWER IN

POWER 12VDC

RS-232
IN OUT

twilight color
star module
epixsky

MODE

**LEAD RS-232
JUMPER CABLE
(35')**

DIP SWITCHES
(see command sheets)

additional
module

POWER 12VDC
RS-232
IN OUT MODE
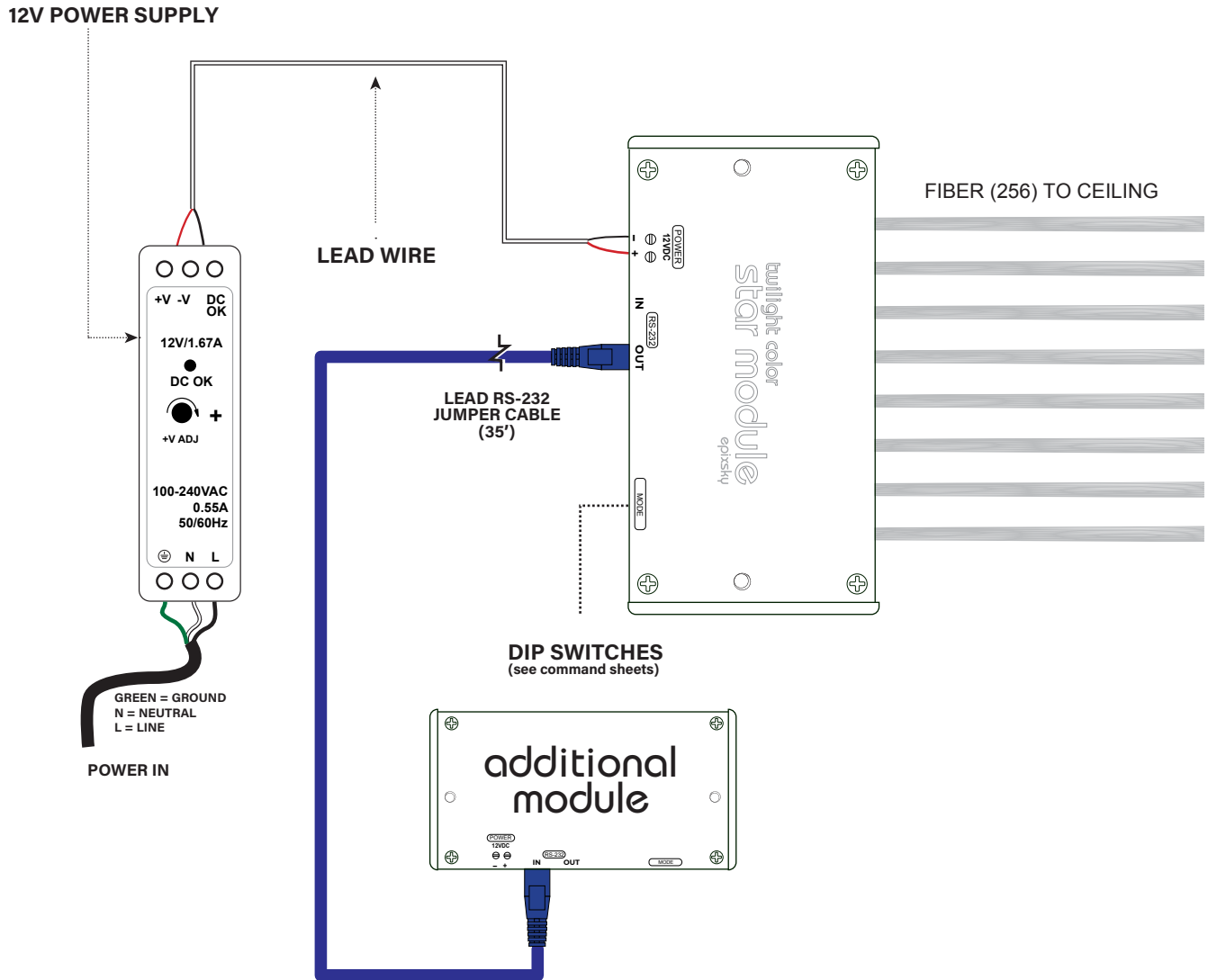
STARS FIBER LENGTH CHART

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.**

**(A)
12V POWER SUPPLY**

OUR EASY PLUG & PLAY SYSTEM MAKES INSTALLATION A ⟩⟩ **SNAP** ⟨⟨

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

WiFi
interface
epixsky

WiFi PWR READY LINK TXD RXD

ETHERNET

POWER

RS-232
RS-232 TX RX

*→

or connect to 12V power supply

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

**GREEN = GROUND
N = NEUTRAL
L = LINE**

POWER IN

BARREL JACK POWER SUPPLY

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

POWER
12VDC
− +

twilight color
star module
epixsky

FIBER (256) TO CEILING

RJ45 IN

IN

RS-232

OUT

**LEAD RS-232
JUMPER CABLE
(35')**

RJ45 OUT

MODE

additional module

POWER
12VDC
IN OUT

RS-232

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)**

**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.**

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

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