:Fabbian

Fabbian Tech

F44 FREELINE

COMPANY PROFILE

Company overview.

Established in 1961 in the Venetian countryside, Fabbian is one of the premier Italian lighting manufacturers operating in the modern design market, designing and manufacturing lighting fixtures for residential and commercial markets.

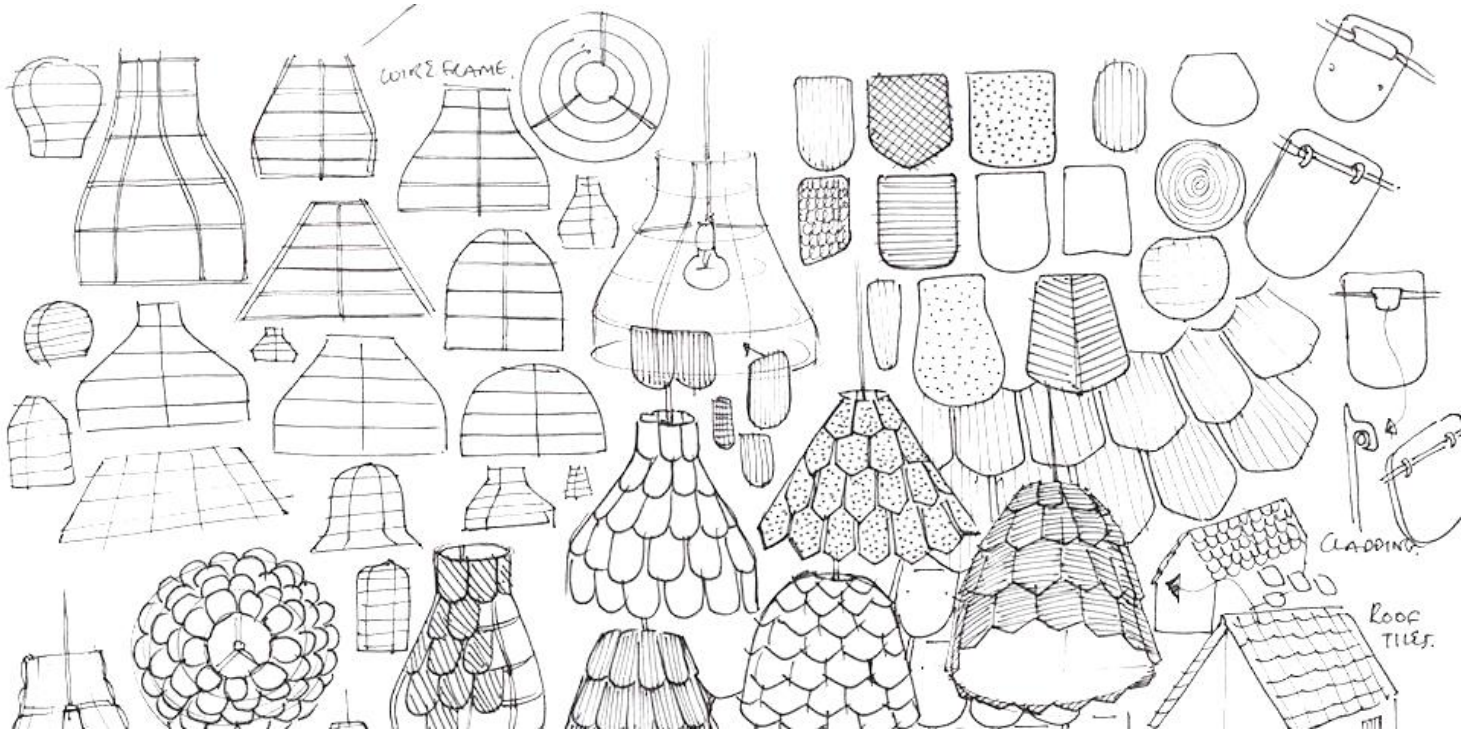
This history, combined with traditional Italian craftsmanship and the finest quality, keeps Fabbian a prominent brand that is internationally recognized in the architectural and design communities worldwide.

COMPANY PROFILE

Company overview.

The endless research on new materials, trends, and aesthetics has always been combined with market demands and new business opportunities.

From the very beginning to the design application, the product life cycle is strictly controlled to make sure that each light fixture meets the highest quality expectations and safety requirements.



These components give Fabbian products a vast and diversified array of inspirations and styles, which is also ensured by yearly prestigious collaborations with well-renowned and emerging designers.

COMPANY PROFILE

Company structure.

Proudly headquartered in Castelmino di Resana, in the **Venetian Countryside**, the company has an international outreach.

From **Venice**, it manages directly the European region, while it distributes the products through agents or importers in the other macro-geographical areas (Greater China, Russia, South and East Asia, South America, GCC countries, Northern Africa).

North America.

With over 20 years in North America, Fabbian USA offices are located in the world's capital of design, **New York City**, just blocks from Time Square.

COMPANY PROFILE

Designers.
Fabbian has collaborated with some of the most prestigious designers throughout the world to create unique elements for your home and business.

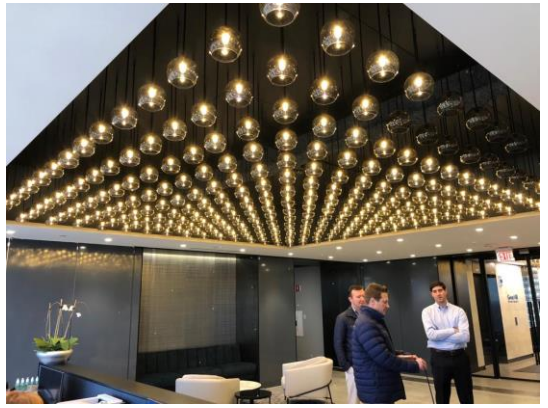
COMPANY PROFILE

Trade Shows & Events.

Fabbian takes part in the world's most relevant trade show dedicated to light, EUROLUCE, in Milan, every two years, with a massive booth to showcase new collections and best seller products. Other important dates in the Fabbian's calendar are Stockholm Furniture & Light Fair, WantedDesign Manhattan, and Sleep London.

FABBIAN BREADTH OF LINE

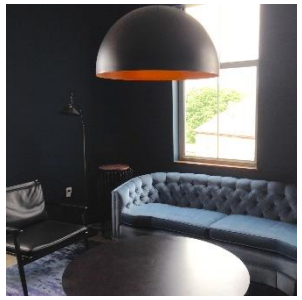
FABBIAN CUSTOM



Customizable & Unique Art & Large scale products

Client Specific Custom Fixture Development

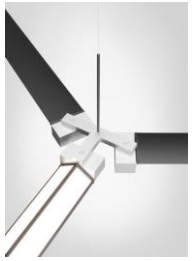
FABBIAN DECORATIVE



Both Glass and Non-Glass Feature Elements.

Varying Styles, uniquely Italian for the specified project

FABBIAN TECH



Italian Architectural Downlights, Linear, & Systems

F44 Freeline – A New Creative Architectural Structure

The Freeline F44 Collection, designed by Flynn Talbot (the same designer of Multispot Tooby, Multispot Polair and Polair), is collection designed to be used on the **X, Y and Z axis.**

We have removed the limits of having to choose a singular plane and enable you to create modern, minimal, 3-dimensional light sculptures, that also provide functional illumination.

Freeline Collection includes a highly configurable lighting system as we all as linear pendants that can work with the system or on their own.

Our **patent pending system** will provide sculpture and illumination in commercial and select residential projects.

F44 Freeline

Freeline's **design flexibility** allows this system to be used in a range of commercial and residential applications.

Systems can be minimal to complex, all with built in flexibility.

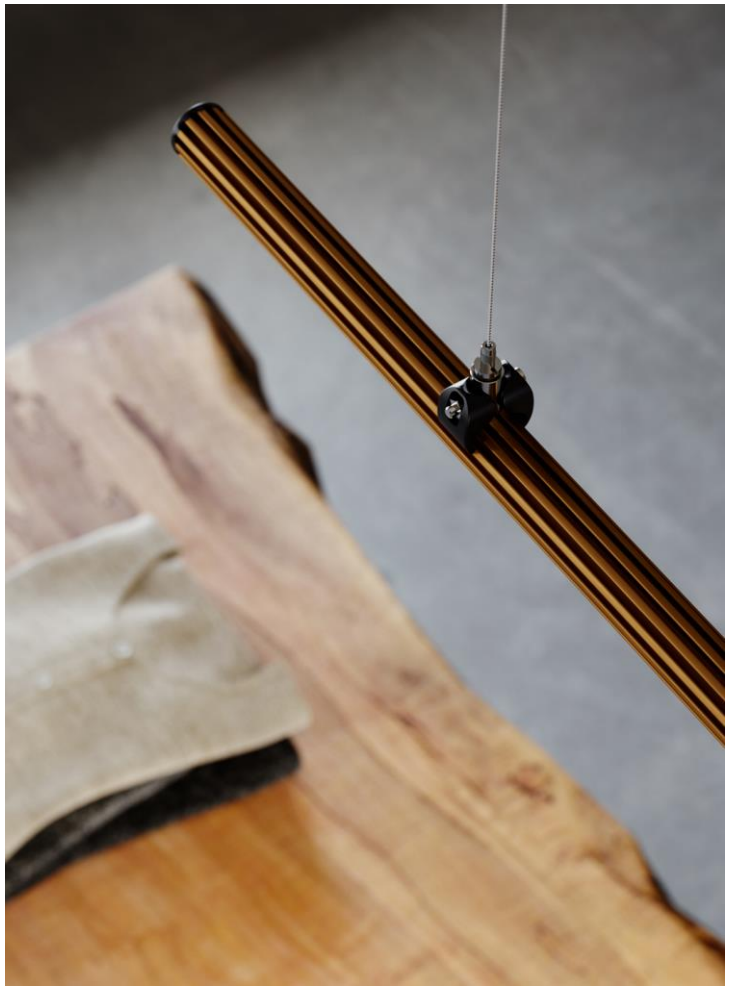
F44 Freeline – Linear Pendant

Freeline F44 Linear Pendants take the central element of the Freeline system, the grooved rod, and turn it into light source.

The rod is suspended from easily adjustable clamps. The LED strip runs the length of the pendants and can rotated to provide direct or indirect illumination.

Offered in two lengths, two finishes and two color temperatures.

Freeline Linear will perform in residential, commercial, retail, and hospitality applications.

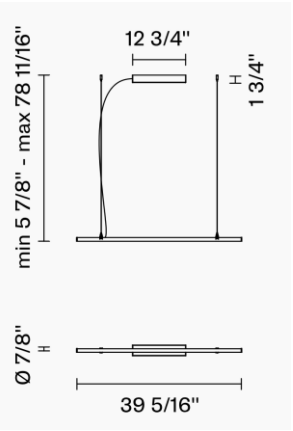


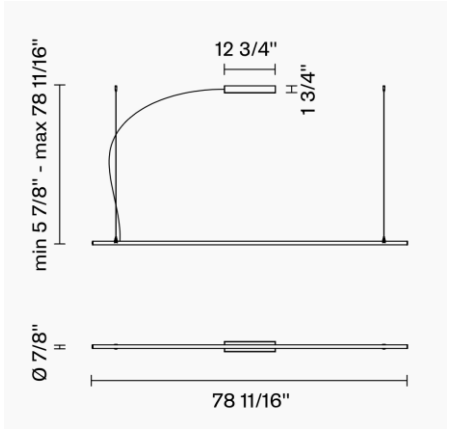
F44 Freeline – Linear Pendant

Pendants
Low profile linear pendant lamp with anodized aluminum finish. Light fitting adjustable 360 degrees providing direct or indirect illumination. Floating canopy provides mounting flexibility for when junction boxes are not in ideal locations. Offered in two lengths. Optional 0-10V dimming available.

Lamp Type:
- 3.3’: 14.4W 120V/24V 960 lumens 3000K or 2700K >80CRI LED
- 6.7’: 28.8W 120V/24V 1920 lumens 3000K or 2700K >80CRI LED

Model Numbers:
F44 A01A 02 - 3.3'/ Black / 3000K
F44 A02A 02 - 3.3'/ Black / 2700K
F44 A01A 76 - 3.3'/ Bronze / 3000K
F44 A02A 76 - 3.3'/ Bronze / 2700K
F44 A03A 02 - 6.7'/ Black / 3000K
F44 A04A 02 - 6.7'/ Black / 2700K
F44 A03A 76 - 6.7'/ Bronze / 3000K
F44 A04A 76 - 6.7'/ Bronze / 2700K





F44 Freeline System

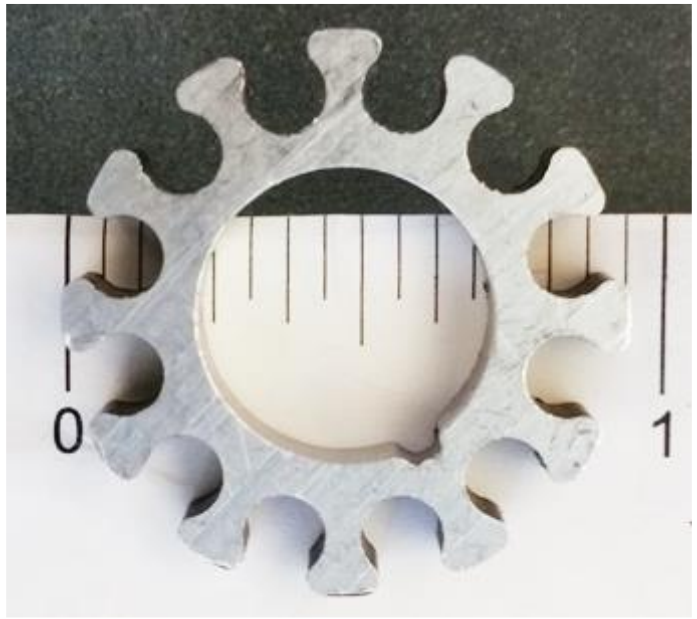
Freeline enables creative design - no longer does the lighting need to stay on a singular plane. Create a system that works in **3-dimensions** and provides ambient, accent and task illumination.

F44 Freeline – System Components

Freeline F44's base components are:
- Grooved, **round rail non-powered or with integral LED strip**
- Versatile connectors
- LED machined-aluminum or blown-glass heads.

Rail pieces can be installed **vertically, horizontally, diagonally** or all three.

Fixtures can be powered remotely, directly or via cord and plug.



Track cross section view

F44 Freeline – System Components

Freeline has three fixture types:

- **Floodlight**- 6" with 120° beam spread
- **Spotlight**- 2.25” x 5” with 10° optics included
- **Glass Globe**- 5.75”, hand-blown with sand blasted white finish for diffuse illumination

Light Source:

- LED 24 VDC, Remote Phosphor, 8W
- White 3000K or 2700K, 934 initial lumens Cri >90

Driver:
Choice of remote drivers including 60W, 96W and select Lutron 24V drivers.

Combine all three lighting types for a **layered lighting installation** for your accent and ambient illumination needs.

F44 Freeline - System Components

Freeline F44's track is offered in two forms: with or without an integral LED strip. Both are made from grooved, extruded aluminum.

- 3.3' and 6.7' rods standard
- Offered in anodized black or bronze finish
- Non-illuminated rods can be coupled together or field cut. (Field cut rods cannot be coupled)
- Each rail can hold up to 12 heads.
- Illuminated bars include an LED strip for providing direct or indirect ambient illumination.

F44 Freeline – System Components - Fixtures

Spotlight

8W 24Vdc LED 10° beam spread
934 Initial lumens
2700K or 3000K
CRI >90
13’ or 32’ cord length

F44 L01A 02 - 3000K /13’ cord
F44 L03A 02 - 2700K / 13’ cord
F44 L02A 02 - 3000K / 32’ cord
F44 L04A 02 - 2700K / 32’ cord

Floodlight

8W 24Vdc LED 120° beam spread
934 Initial lumens
2700K or 3000K
CRI >90
13’ or 32’ cord length

F44 L11A 02 - 3000K /13’ cord
F44 L13A 02 - 2700K / 13’ cord
F44 L12A 02 - 3000K / 32’ cord
F44 L14A 02 - 2700K / 32’ cord

Glass Globe

8W 24Vdc LED 120° beam spread
934 Initial lumens
2700K or 3000K
CRI >90
13’ or 32’ cord length

F44 L21A 02 - 3000K /13’ cord
F44 L23A 02 - 2700K / 13’ cord
F44 L22A 02 - 3000K / 32’ cord
F44 L24A 02 - 2700K / 32’ cord

F44 Freeline – System Components - Rods

Extruded Rod
Each rod includes 2 threaded end connectors and 4 end caps
Can hold up to 12 lights

F44 M11A 02 - 3.3' / Black finish
F44 M11A 76 - 3.3' / Bronze finish
F44 M12A 02 - 6.7' / Black finish
F44 M12A 76 - 6.7' / Bronze finish

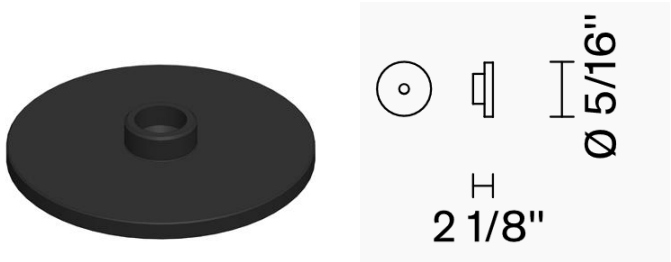
Extruded Rod- with LED
3.3': 14.4W 24Vdc 3000K or 2700K
6.7': 28.8W 24Vdc 3000K or 2700K
CRI >90
Each rod includes the LED, Diffuser, wire, 2 end caps
Can hold up to 8 lights

F44 M14A 02 - 3.3' / Black finish / 3000K
F44 M17A 02 - 3.3' / Black finish / 2700K
F44 M14A 76 - 3.3' / Bronze finish / 3000K
F44 M17A 76 - 3.3' / Bronze finish / 2700K
F44 M15A 02 - 6.7' / Black finish / 3000K
F44 M18A 02 - 6.7' / Black finish / 2700K
F44 M15A 76 - 6.7' / Bronze finish / 3000K
F44 M18A 76 - 6.7' / Bronze finish / 3000K

F44 Freeline - System Components - Fasteners

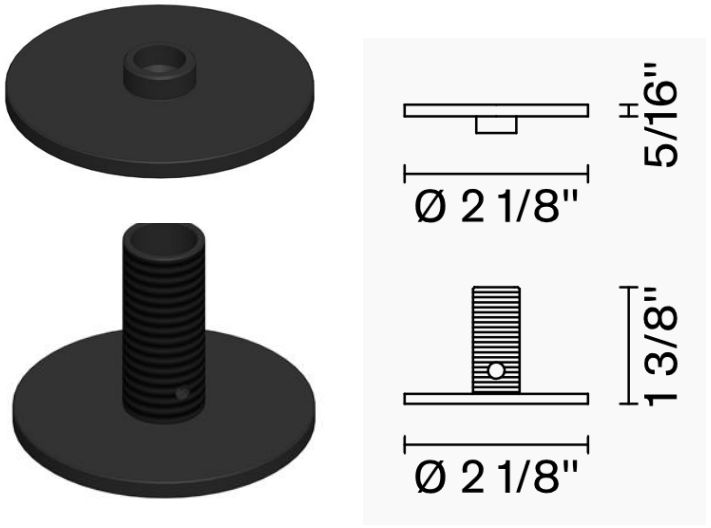
Coupler Brackets (pack of 2pcs)
Connect two rods together- rods can be perpendicular, parallel or in between.

F44 Z01A 02



Ceiling/Wall Attachment (2 pcs)
Black aluminum ceiling fastening kit. Attaches rod to the ceiling or wall.

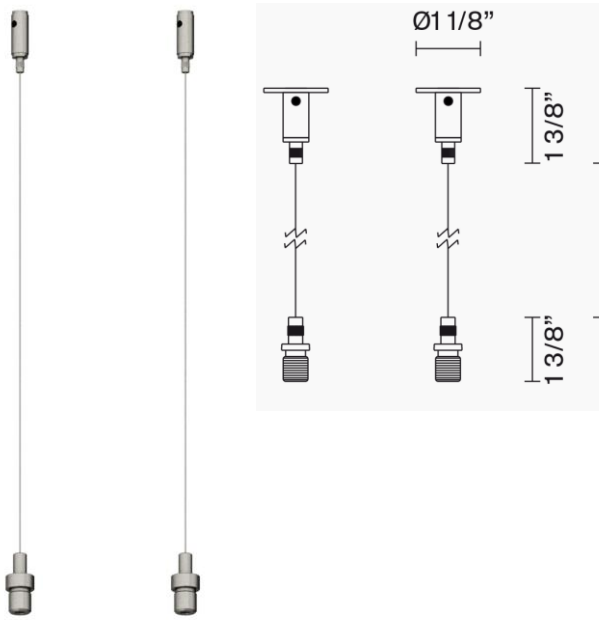
F44 Z02A 02



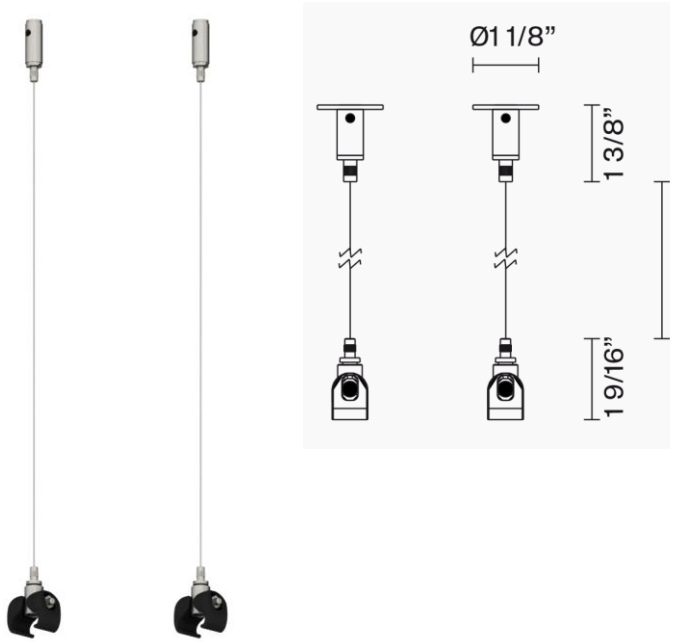
Floor Lamp Kit (2pcs)
Black aluminum. Includes the accessories needed to install the rod in a floor-to-ceiling vertical position.

F44 Z05A 02

F44 Freeline - System Components – Pendant Kits



Screw Pendant Kit (pack of 2pcs)
Includes the accessories needed to suspend a rod vertically from the ceiling, includes 2 steel cables (78 11/16”) and the ceiling cable connector for each steel cable.
F44 Z07A 02



Single Fastening Joint Pendant Kit (2 pcs)
Includes the accessories needed to suspend a rod from the ceiling, and includes 2 steel cables (78 11/16”), the ceiling cable connector and 1 fastening joint for each steel cable.

F44 Z09A 02

Double Fastening Joint Pendant Kit (2pcs)
Includes the accessories needed to suspend a rod from another rod, and includes 2 steel cables (78 11/16”) and 2 fastening joints for each cable.

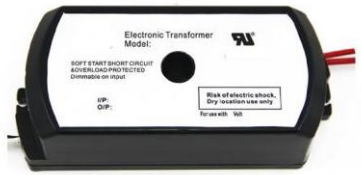
F44 Z11A 02

F44 Freeline - System Components - Power

A55208

60W 24VDC Triac-Dim Driver

Fits in 4x4 box and covered by F32M91A02 Black J-Box Coverplate



A55209

96W 24VDC Class 2 Remote Driver

120V
ELV Dimming
Contractor provides enclosure

A55210

96W 24V Integral Junction Box

120-277V (UNV)
0-10V Dimming
Integral Junction Box

LTEA4U1-UKL-CV240

49W 24V Lutron Hi-Lume

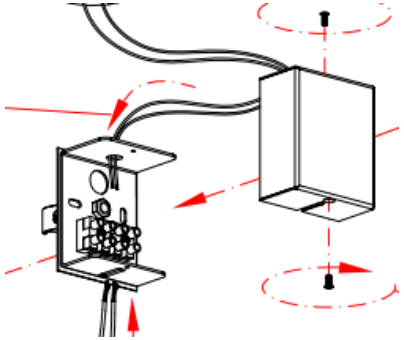
120V
1% 2-wire Forward Phase Dimming
K-case mounted on a junction box to provide wiring compartment

L3D0-96W24V-U

96W 24V Lutron Hi-Lume Premiere

120-277V (UNV)
24V Constant Voltage
3-Wire
Soft-on, Fade-to-Black operation
Continuous dimming down to 0.1% low-end

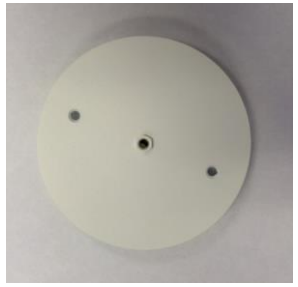
F44 Freeline - System Components – Accessories



Structure-Mount Class-2 Wiring Connection Point (up to 7 fixtures)

Use to gather multiple fixture wires

F44 M02A 02

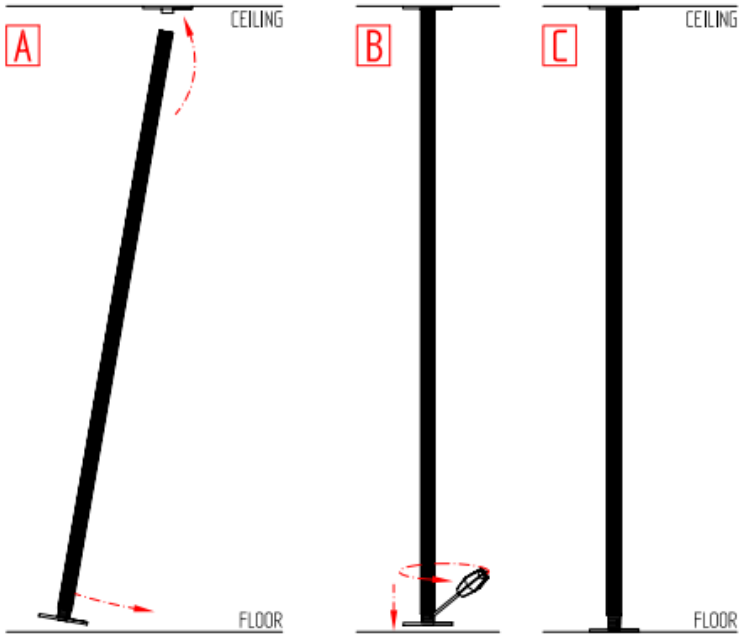


Black J-Box Coverplate

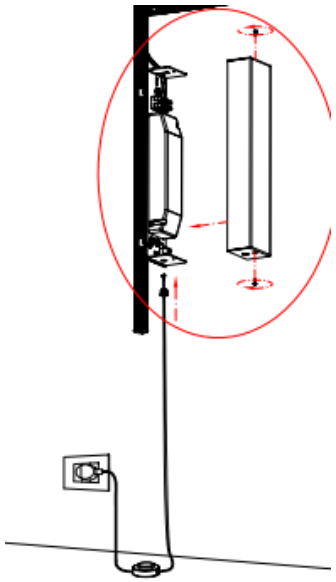
Run 1wire from F44M02A02 Module through cover plate to driver

F32M91 A02

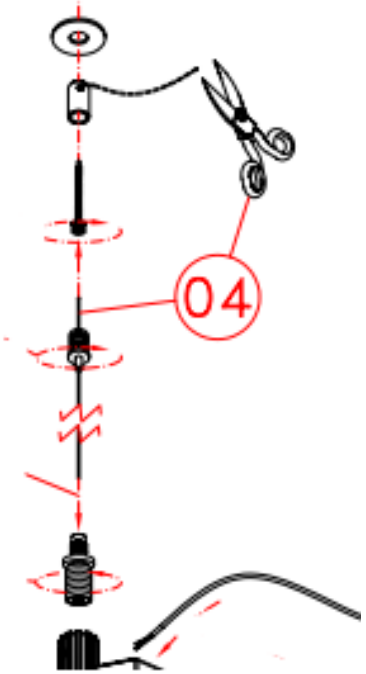
F44 Freeline – System Components –Installation Details



Floor mount hardware kit
F44 Z05



On-Fixture Driver Cord and Plug
F44 M01 A 02
F44 Z03 A 02



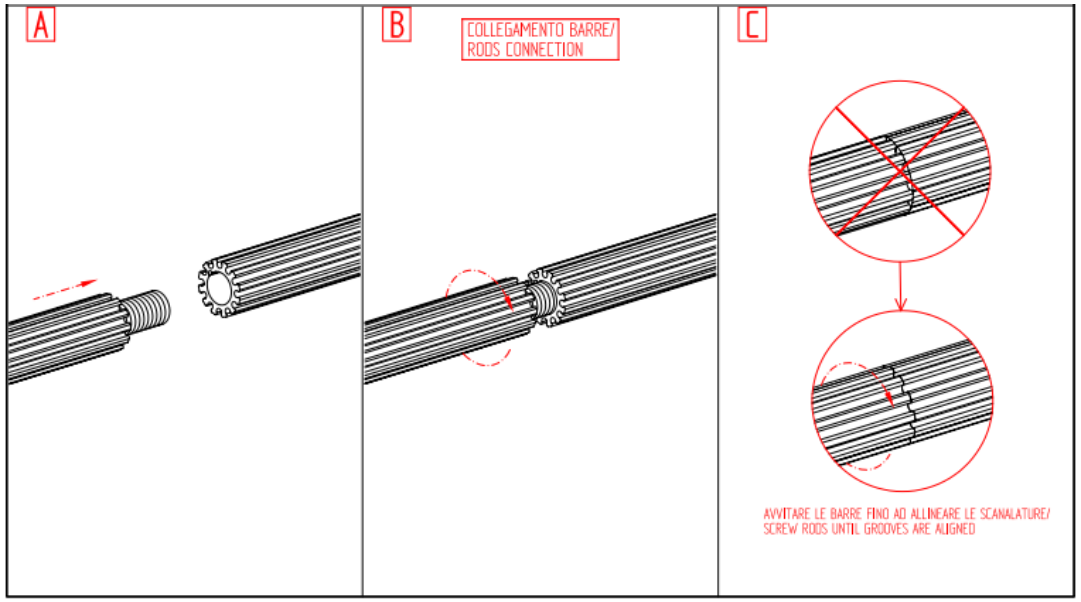
Freeline Hanging Kit
F44 Z07

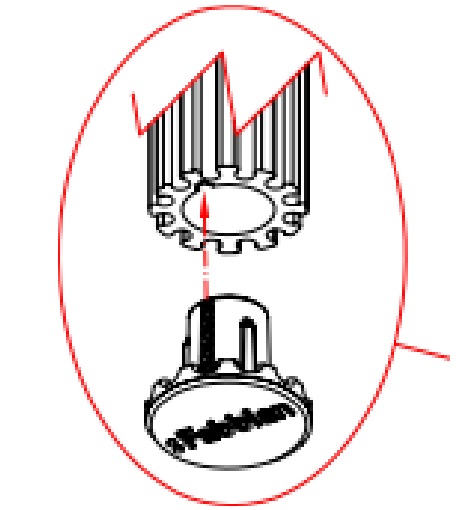
F44 Freeline – Installation Details - Rod

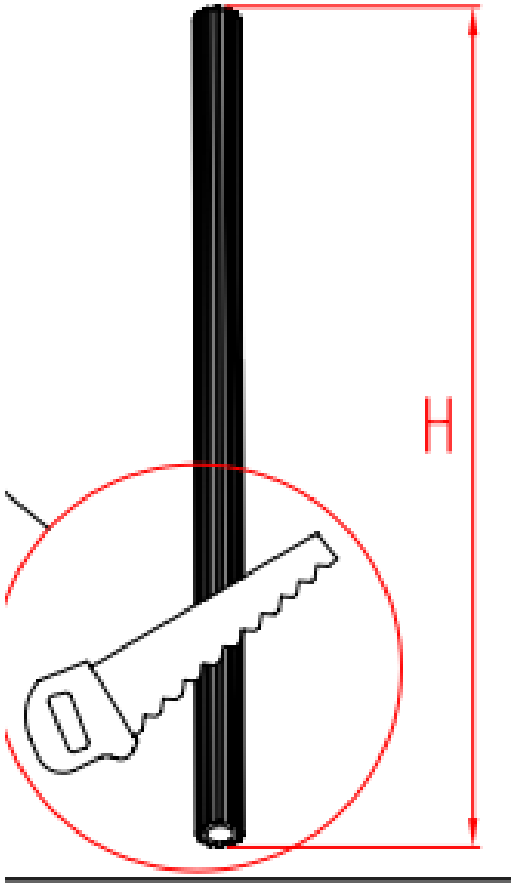
Rods are Threaded on each end when shipped and include (4) end-caps and interlock coupler.

If cutting, note that inside will not be threaded.

Threaded End required for floor/wall/ceiling or interlocking rods.

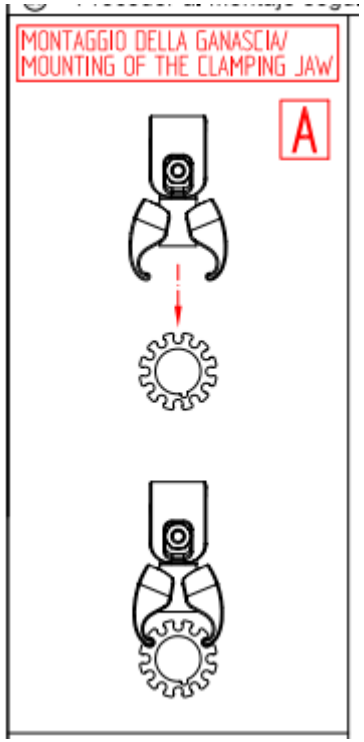




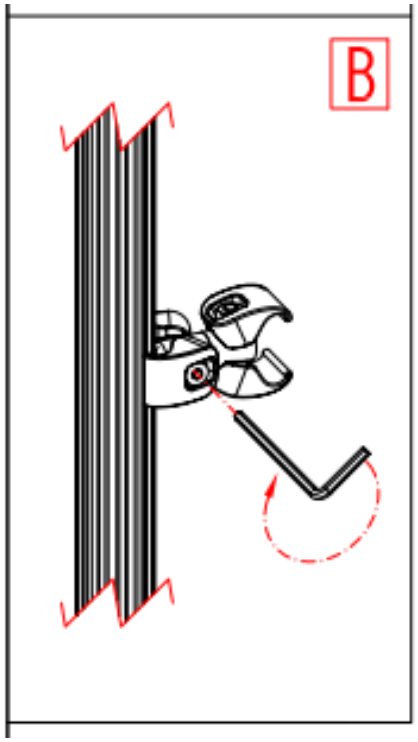


F44 Freeline – Installation and Wiring Details

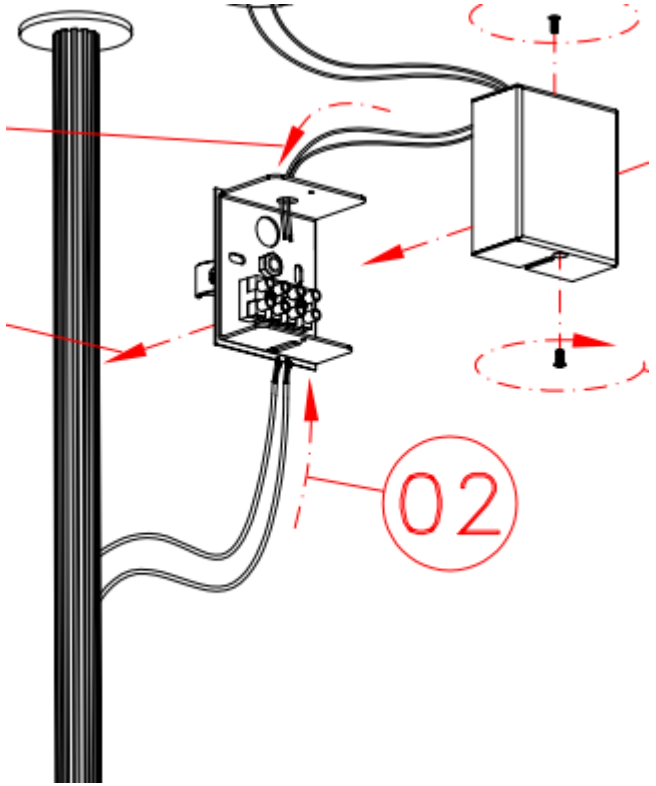
FIXTURE MOUNTING



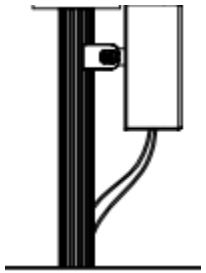
COUPLER MOUNTING



CONNECTION BOX



Up to 7 fixture wires gather in this enclosure. Only 1 wire goes to ceiling/wall-mounted J-box and driver.



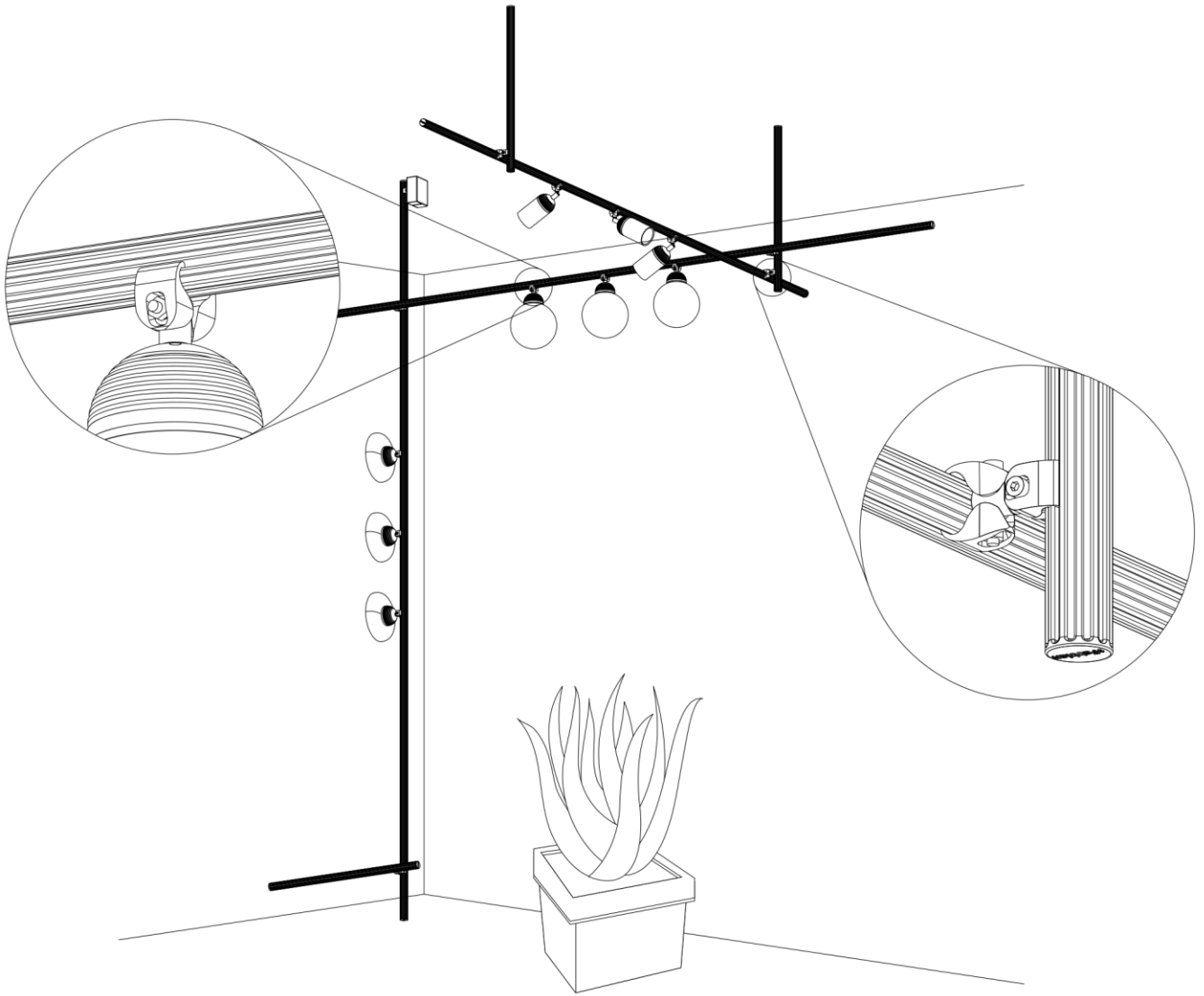
F44 Freeline – Create your System

1. Design your structure layout
   - Using 3.3’ and 6.7’ rods, create the design
   - Couple rods together where needed for longer lengths

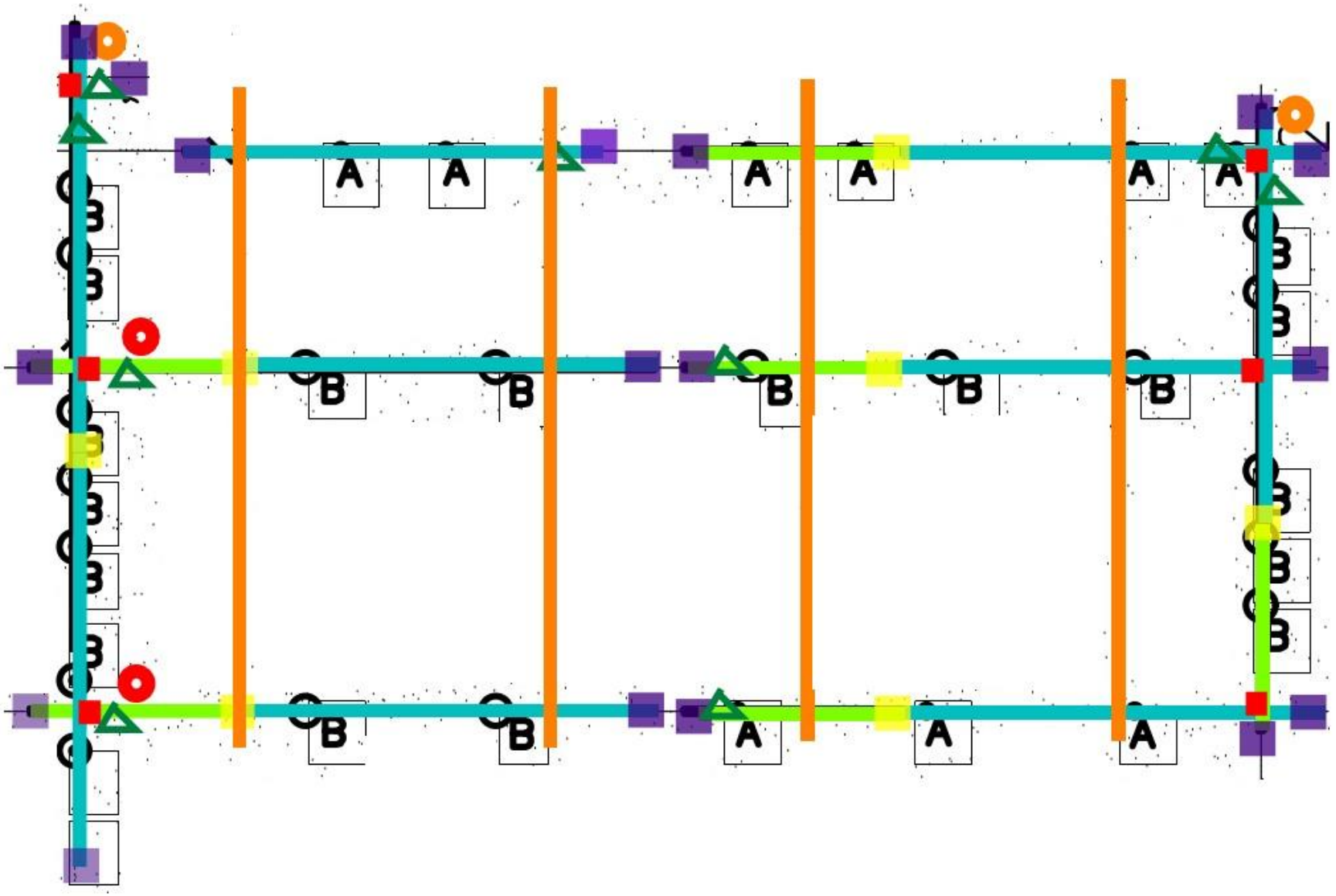
2. Determine the Connectors needed
   - Count connection points to wall/ceiling
   - Count connection points where structures intersect

3. Determine fixtures needed
   - Floodlight
   - Spotlight
   - Glass Globe

4. Select your power details:
   - 60W Driver with plug-in power cord on Structure
   - 60W Driver to go in square J-box in ceiling / wall with class 2 connection point on structure
   - Note – (1) 60W Driver per 7 fixtures max



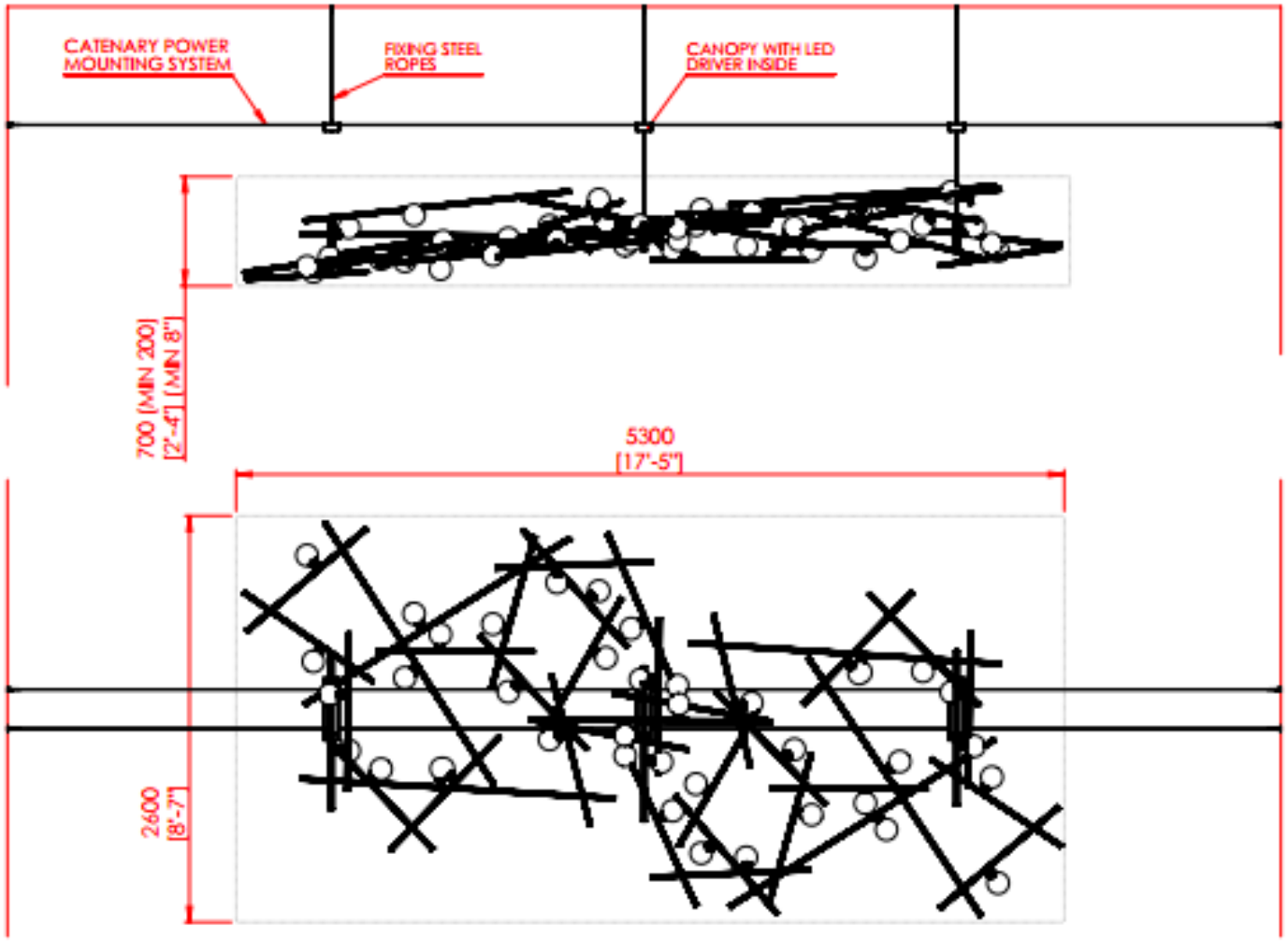
F44 FREELINE DESIGN CONCEPTS

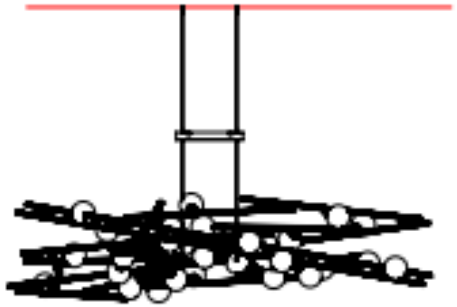


Submittal plan for office space using Freeline for ambient and task illumination.

A= Spots
B= Glass Globes
Orange Line= Linear pendants
Aqua Line= 6.7’ rods
Green Line= 3.3’ rods

F44 FREELINE DESIGN CONCEPTS



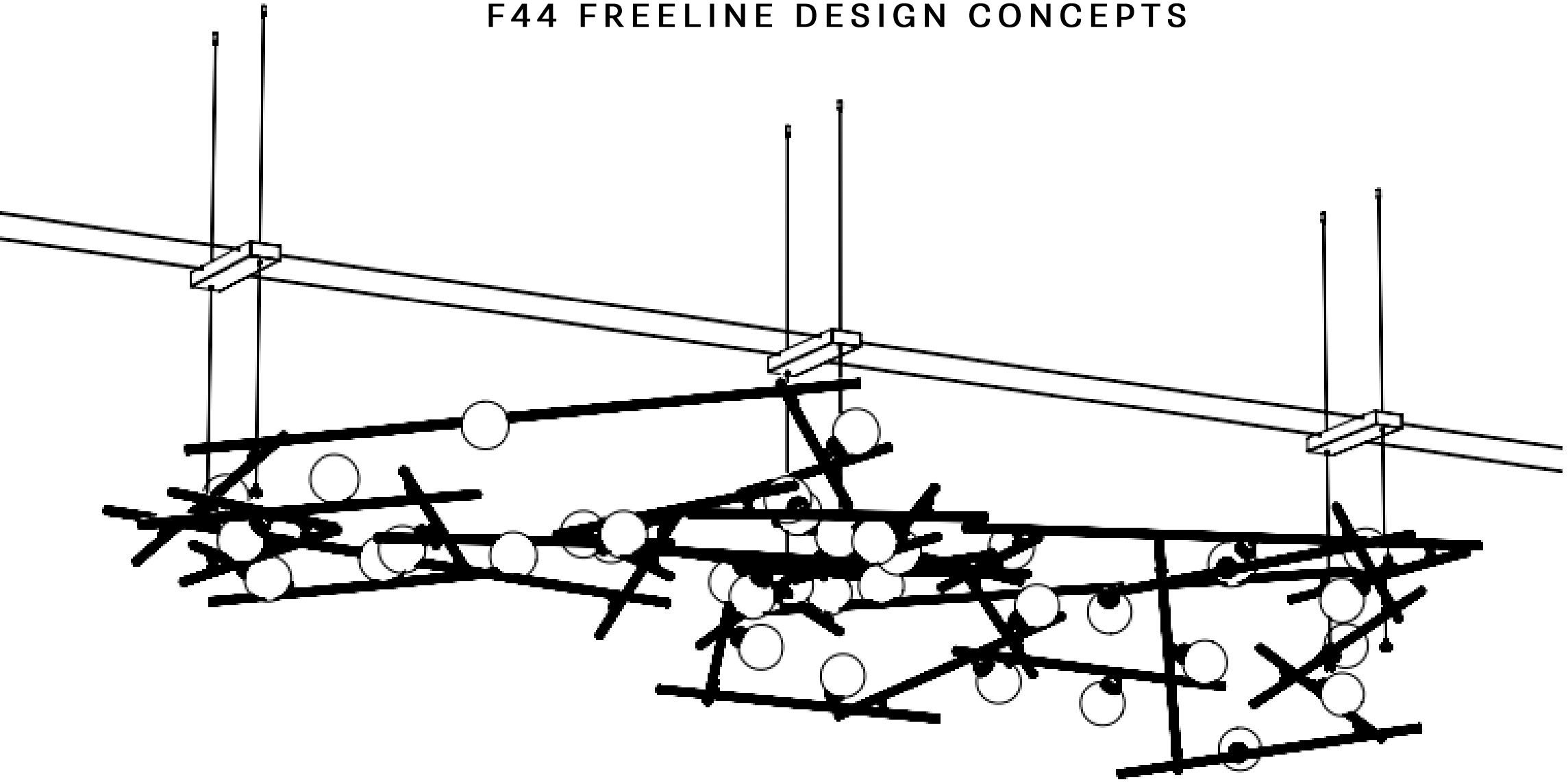


Custom Composition

- Suspended System
- 17.5’ x 8’7” x 2’4”
- 40 globes (600 lumens each)
- Catenary Powering System

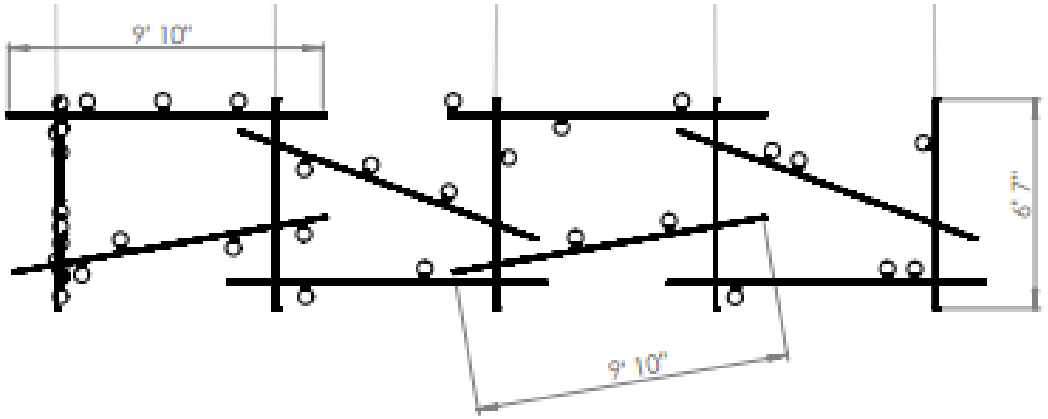
FABBIAN - 18/07/2018 - SCALE 1:30 @ A3 - mm/ft
FM_18035 - FREELINE CUSTOM COMPOSITION

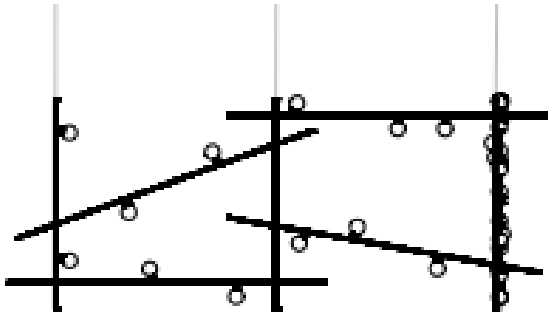
F44 FREELINE DESIGN CONCEPTS

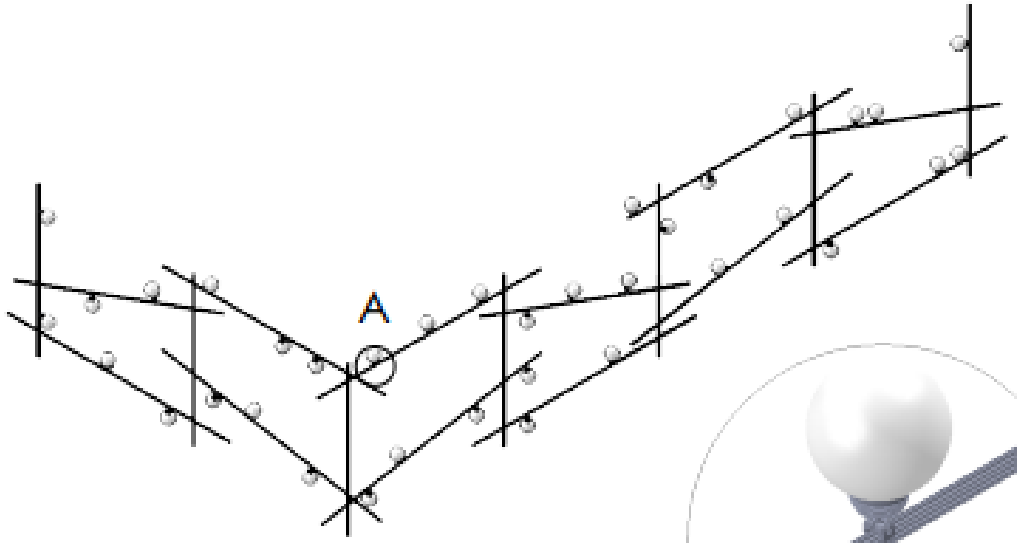


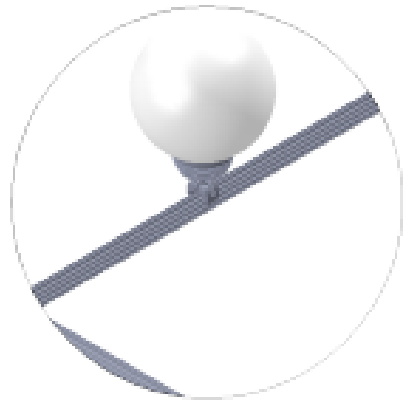
FABBIAN - 18/07/2018 - SCALE 1:30 @ A3
FM_18035 - FREELINE CUSTOM COMPOSITION

F44 FREELINE DESIGN CONCEPTS



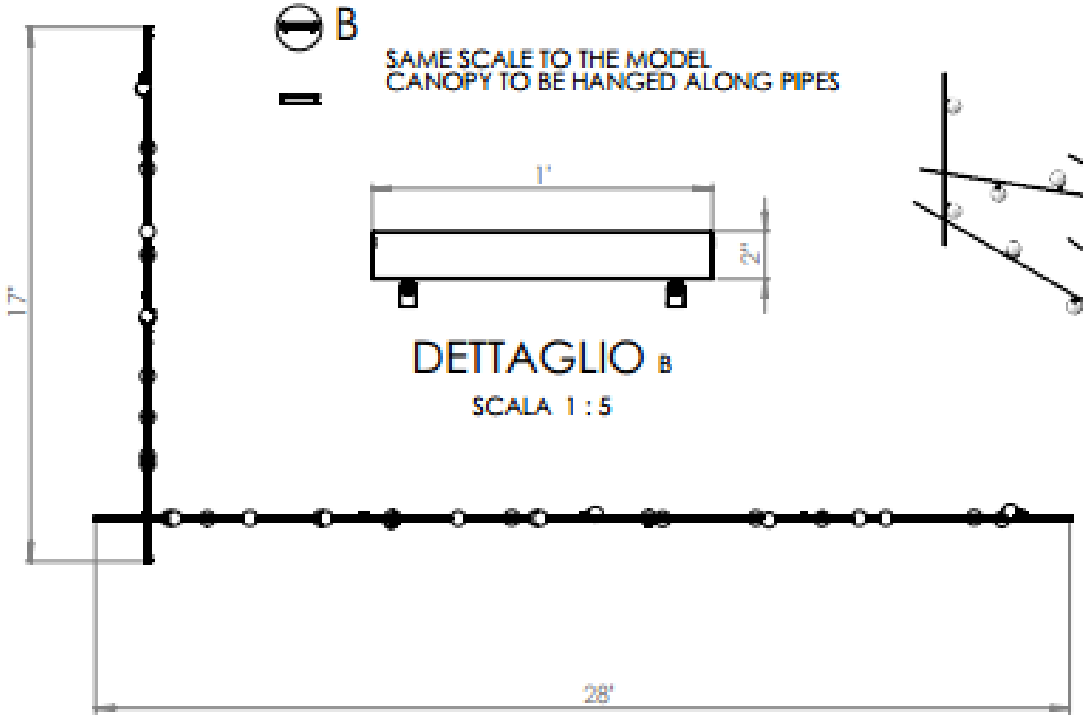






DETTAGLIO A

SCALA 1 : 5



DETTAGLIO B

SCALA 1 : 5

Custom Composition

- Wall Feature / Hanging
- 17 ft on one side A x 28' Long on side B
- 36 globes (600 lumens each)
- Hanging Art Sculpture

F44 FREELINE
A few design solutions

F44 FREELINE
A few design solutions

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A few design solutions

F44 Freeline – Sample Configurations

MODEL NUMBER	DESCRIPTION	QTY
F44L01 A 02	10 Degree Spotlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	0
F44L02 A 02	10 Degree Spotlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	0
F44L11 A 02	Floodlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	0
F44L12 A 02	Floodlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	0
F44L21 A 02	Blown Glass Globe - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	12
F44L22 A 02	Blown Glass Globe - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	0
F44M01 A 02	Structure-Mount Enclosure with 60W / 24V Driver for 7 fixtures	0
F44M02 A 02	"FREELINE" CLASS 2 TERMINATION BOX 3 1/8"x2 1/8"x1 3/8" - MAX 7 FIXTURES	4
F44M11 A 02	3.3' (1m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	4
F44M12 A 02	6.5' (2m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	0
F44M13 A 02	9.8' (3m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	0
F44Z01C2 02	"FREELINE" CLAMP 2 PCS	0
F44Z02 A 02	"FREELINE" CEILING/WALL ATTACHMENT THREADS 2 PCS	2
F44Z03 A 02	"FREELINE" CABLE WITH ON/OFF SWITCH	0
F32M91 A 01	MULTISPOT / FREELINE CLASS 2 J-BOX COVERPLATE	2
F44Z05	FLOOR KIT	0
F44Z07	HANGING KIT	0
A55208	60W, 24V LED DRIVER	2

F44 Freeline – Sample Configurations

MODEL NUMBER	DESCRIPTION	QTY
F44L01 A 02	10 Degree Spotlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	0
F44L02 A 02	10 Degree Spotlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	0
F44L11 A 02	Floodlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	0
F44L12 A 02	Floodlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	0
F44L21 A 02	Blown Glass Globe - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	3
F44L22 A 02	Blown Glass Globe - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	0
F44M01 A 02	Structure-Mount Enclosure with 60W / 24V Driver for 7 fixtures	0
F44M02 A 02	"FREELINE" CLASS 2 TERMINATION BOX 3 1/8"x2 1/8"x1 3/8" - MAX 7 FIXTURES	1
F44M11 A 02	3.3' (1m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	0
F44M12 A 02	6.5' (2m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	1
F44M13 A 02	9.8' (3m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	0
F44Z01C2 02	"FREELINE" CLAMP 2 PCS	0
F44Z02 A 02	"FREELINE" CEILING/WALL ATTACHMENT THREADS 2 PCS	1
F44Z03 A 02	"FREELINE" CABLE WITH ON/OFF SWITCH	0
F32M91 A 01	MULTISPOT / FREELINE CLASS 2 J-BOX COVERPLATE	1
F44Z05	FLOOR KIT	0
F44Z07	HANGING KIT	0
A55208	60W, 24V LED DRIVER	1

F44 Freeline – Sample Configurations

MODEL NUMBER	DESCRIPTION	QTY
F44L01 A 02	10 Degree Spotlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	0
F44L02 A 02	10 Degree Spotlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	0
F44L11 A 02	Floodlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	0
F44L12 A 02	Floodlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	0
F44L21 A 02	Blown Glass Globe - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	5
F44L22 A 02	Blown Glass Globe - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	0
F44M01 A 02	Structure-Mount Enclosure with 60W / 24V Driver for 7 fixtures	0
F44M02 A 02	"FREELINE" CLASS 2 TERMINATION BOX 3 1/8"x2 1/8"x1 3/8" - MAX 7 FIXTURES	1
F44M11 A 02	3.3' (1m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	4
F44M12 A 02	6.5' (2m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	0
F44M13 A 02	9.8' (3m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	1
F44Z01C2 02	"FREELINE" CLAMP 2 PCS	3
F44Z02 A 02	"FREELINE" CEILING/WALL ATTACHMENT THREADS 2 PCS	2
F44Z03 A 02	"FREELINE" CABLE WITH ON/OFF SWITCH	0
F32M91 A 01	MULTISPOT / FREELINE CLASS 2 J-BOX COVERPLATE	1
F44Z05	FLOOR KIT	0
F44Z07	HANGING KIT	0
A55208	60W, 24V LED DRIVER	1

F44 Freeline – Sample Configurations

MODEL NUMBER	DESCRIPTION	QTY
F44L01 A 02	10 Degree Spotlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	3
F44L02 A 02	10 Degree Spotlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	
F44L11 A 02	Floodlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	3
F44L12 A 02	Floodlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	
F44L21 A 02	Blown Glass Globe - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	3
F44L22 A 02	Blown Glass Globe - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	
F44M01 A 02	Structure-Mount Enclosure with 60W / 24V Driver for 7 fixtures	
F44M02 A 02	"FREELINE" CLASS 2 TERMINATION BOX 3 1/8"x2 1/8"x1 3/8" - MAX 7 FIXTURES	2
F44M11 A 02	3.3' (1m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	1
F44M12 A 02	6.5' (2m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	2
F44M13 A 02	9.8' (3m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	2
F44Z01C2 02	"FREELINE" CLAMP 2 PCS	3
F44Z02 A 02	"FREELINE" CEILING/WALL ATTACHMENT THREADS 2 PCS	3
F44Z03 A 02	"FREELINE" CABLE WITH ON/OFF SWITCH	
F32M91 A 01	MULTISPOT / FREELINE CLASS 2 J-BOX COVERPLATE	2
F44Z05	FLOOR KIT	
F44Z07	HANGING KIT	
A55208	60W, 24V LED DRIVER	2

F44 Freeline – Sample Configurations

MODEL NUMBER	DESCRIPTION	QTY
F44L01 A 02	10 Degree Spotlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	2
F44L02 A 02	10 Degree Spotlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	
F44L11 A 02	Floodlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	
F44L12 A 02	Floodlight - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	
F44L21 A 02	Blown Glass Globe - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 13' Cable	3
F44L22 A 02	Blown Glass Globe - 24VDC, 8W, 3000K, 600 lumens, 80CRI, 32.5' Cable	
F44M01 A 02	Structure-Mount Enclosure with 60W / 24V Driver for 7 fixtures	
F44M02 A 02	"FREELINE" CLASS 2 TERMINATION BOX 3 1/8"x2 1/8"x1 3/8" - MAX 7 FIXTURES	1
F44M11 A 02	3.3' (1m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	2
F44M12 A 02	6.5' (2m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	
F44M13 A 02	9.8' (3m) Bar with (2) Ceiling Fastening Kits and 4 Closure Caps	1
F44Z01C2 02	"FREELINE" CLAMP 2 PCS	1
F44Z02 A 02	"FREELINE" CEILING/WALL ATTACHMENT THREADS 2 PCS	1
F44Z03 A 02	"FREELINE" CABLE WITH ON/OFF SWITCH	
F32M91 A 01	MULTISPOT / FREELINE CLASS 2 J-BOX COVERPLATE	1
F44Z05	FLOOR KIT	
F44Z07	HANGING KIT	
A55208	60W, 24V LED DRIVER	1

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Fabbian

For more information contact:
Fabbian USA
www.fabbian.us
307 W38th St. Ste 1103
New York, NY 10018 USA
sales@fabbian.com