

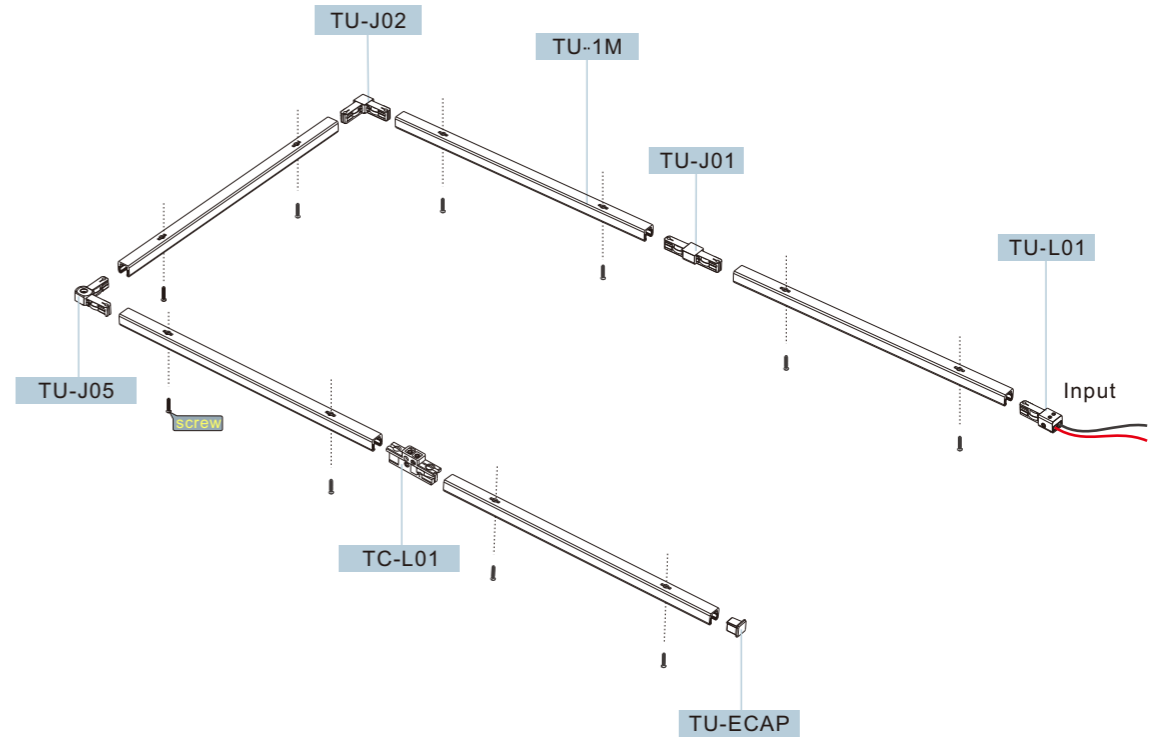
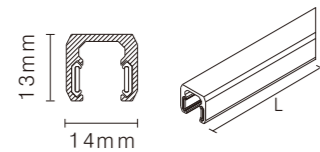
## U-Shape

### Features

- The micro track is provided with various length as 1, 1.5, and 2 meters to fit your application.
- Both L-shape and straight connector are available to allow maximum flexibility in projects that run along walls, ceiling, or a combination of both.
- We also provide an adjustable connector being able to adjust from 90° to 180° to expand more possibility during installation.
- Track system of 1-circuit can be powered by either 12V or 24V transformers. The safe-to-touch low voltage system is reliable and complies with the regulation of low voltage directive (LVD).
- An extruded aluminum section with 14 mm width coating as matte black or white surface represents the clean style which becomes almost invisible in the lighting installation, leaving the focus on what is being illuminated.
- Maximum flexibility for the relocation of luminaries is ensured since no tools are needed for adjustment, spotlights are accessible to swivel and tilt.




**TU-1M/1.5M/2M**  
 U-shape micro track:  
 Aluminium  
 Surface mounted  
 DC 12V, MAX 6A  
 DC 24V, MAX 6A  
 L=1000mm;1500mm  
 2000mm  
 Color: □WU ■BK



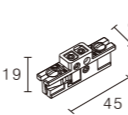

### For U-Shape



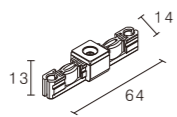

**TU-L01**  
 Live end  
 Plastic  
 DC 12V, MAX 6A  
 Color: □WU ■BK

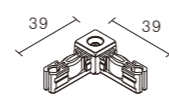

**TC-L01**  
 Intermediate power connector  
 Plastic  
 Coupler for all-type micro track  
 DC 12V, MAX 6A  
 Color: □WU ■BK

**TU-J01**  
 Straight-connector  
 Plastic  
 DC 12V, MAX 6A  
 Color: □WU ■BK

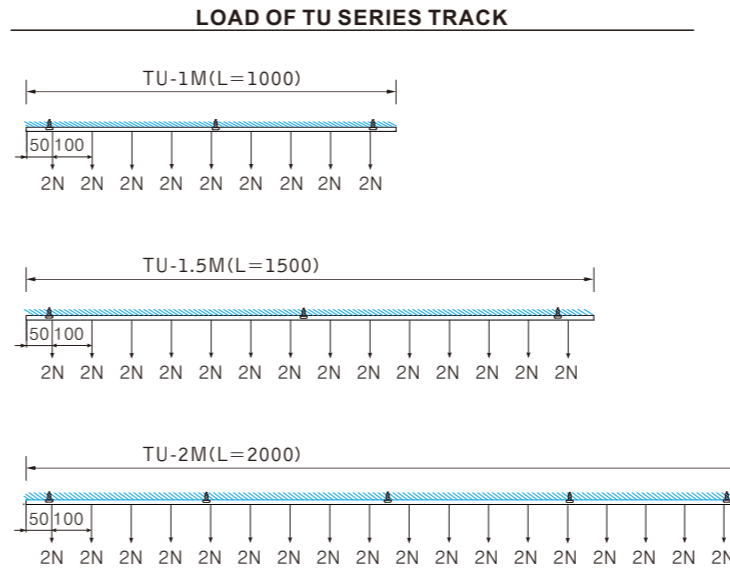
**TU-J02**  
 L-shape connector  
 Plastic  
 DC 12V, MAX 6A  
 Color: □WU ■BK

**TU-J05**  
 Adjustable-connector  
 plastic  
 DC 12V, MAX 6A  
 Color: □WU ■BK




**TU-ECAP**  
 End cap  
 Plastic  
 Color: □WU ■BK

Sales  
 Finland  
 Kuninkaanmäentie 120B  
 01260 Vantaa  
 +358 40 9008520  
[info@johnberger.fi](mailto:info@johnberger.fi)  
[www.johnberger.fi](http://www.johnberger.fi)

Estonia  
 Laki 9A  
 10621 Tallinn  
 +372 +372 654 6604  
[info@johnberger.ee](mailto:info@johnberger.ee)  
[www.johnberger.ee](http://www.johnberger.ee)

# Beam Angle Adjustable



## Features

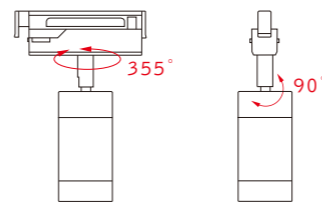
- The very compact micro track light system with elegant and mini-size design.
- 12V/24V ultra-low voltage system, push-switch installation mechanism is very end-user friendly.
- Micro track spot lights, 3.5W, 7.7W, with delicated mechanism and neat out-looking.
- Beam angle adjustable, from 5° -30° for SA-531A and 10°-40° for SA-531B, both with high efficient and uniform light output.
- The adaptor is designed with dimming switch from 5% to 100%, for SA-531A-D/SA-531B-D which is good for end-user to adjust the light output.
- Compacted with short width and height, perfectly to meet the aesthetical requirement for architect and designer.
- Eco-friendly LED chip features as the energy saving and low maintenance cost.
- Color rendering better than Ra90.
- This series is convenient for end-user to adjust the focus and beam angle, meanwhile achieve the uniform light output, which is under the compromise to lower the efficiency of the luminaire.

## Application

Precise light distribution is not only good for highlighting artworks and in the showcase, but also good for restaurant and other private house.

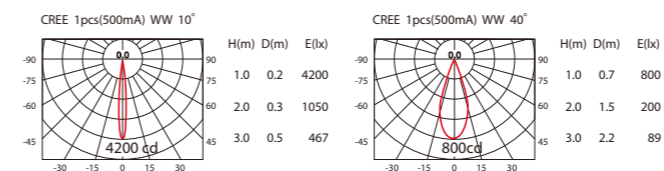
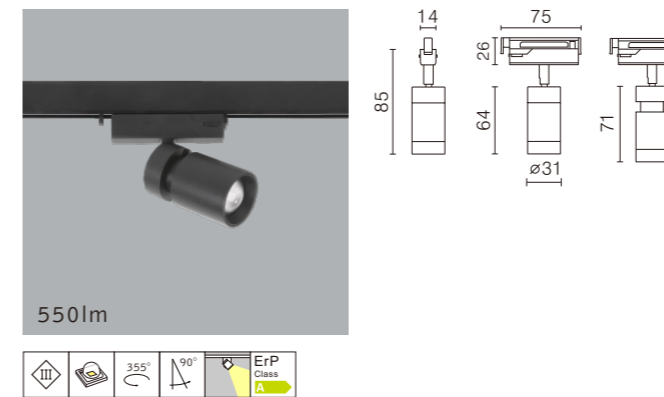
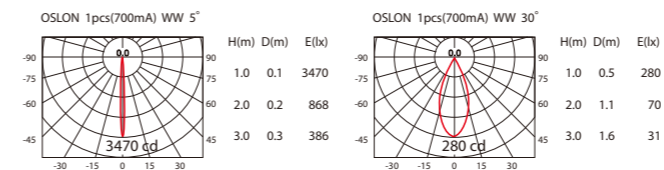
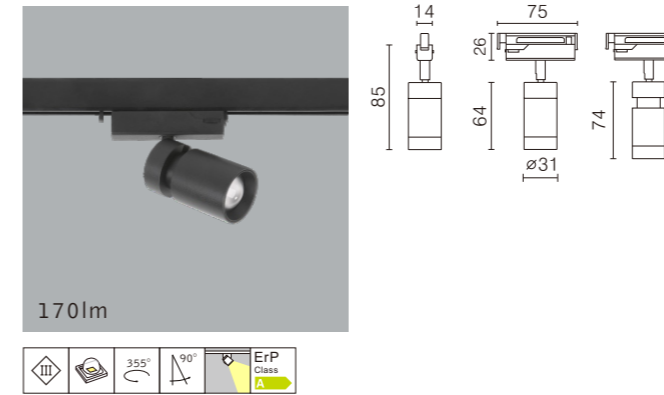


### ROTATE & TILT



### ACCESSORIES

○ Optional	Honeycomb
SA-531A	AC-531H
SA-531B	
SA-531A-D	
SA-531B-D	



### SA-531A Ra 90 Not dimmable

LED	LUMINAIRE CONSUMPTION	INPUT	LED COLOR	COLOR
OSRAM	3.4W	DC 12V DC 24V	WW NW	WU BK

Housing: aluminium, paint.  
Efficiency through lens: 40% - 65%

### SA-531A-D Ra 90 Dimmable 5~100%

LED	LUMINAIRE CONSUMPTION	INPUT	LED COLOR	COLOR
OSRAM	3.4W	DC 12V DC 24V	WW NW	WU BK

Housing: aluminium, paint.  
Efficiency through lens: 40% - 65%

### SA-531B Ra 90 Not dimmable

LED	LUMINAIRE CONSUMPTION	INPUT	LED COLOR	COLOR
CREE	7.7W	DC 12V DC 24V	WW NW	WU BK

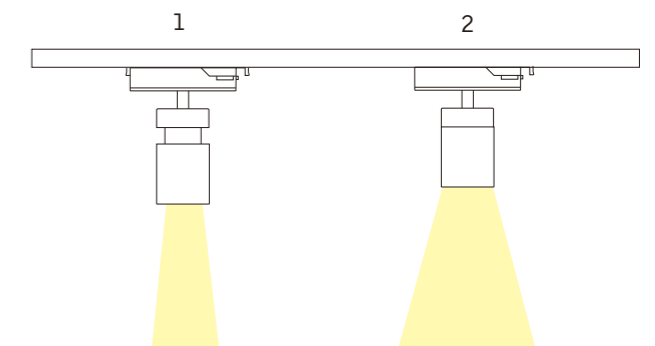
Housing: aluminium, paint.  
Efficiency through lens: 30% - 50%

### SA-531B-D Ra 90 Dimmable 5~100%

LED	LUMINAIRE CONSUMPTION	INPUT	LED COLOR	COLOR
CREE	7.7W	DC 12V DC 24V	WW NW	WU BK

Housing: aluminium, paint.  
Efficiency through lens: 30% - 50%

### ADJUSTMENT



SA-531A Beam angle change from 5° - 30°  
SA-531B Beam angle change from 10° - 40°