

## Track System Specification

# MT11SL-23

— MicroTrack 11 series

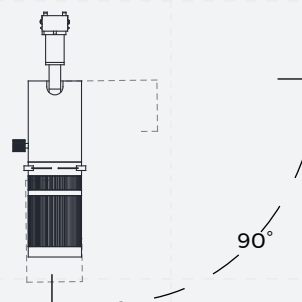
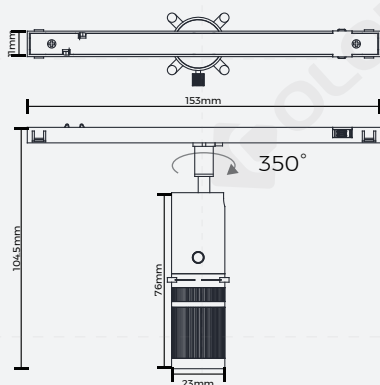


## ◎ Basic Parameters

- Material: AL6063, spraying surface
- Coating: Matte Black (RAL9005)
- Size:  $\phi 23 \times 76 \text{mm}$
- IP grade: IP20
- CCT: 3000K, 4000K optional
- CRI: 95
- SDCM: >5 Step
- Beam angle:  $18^\circ - 35^\circ$
- Light efficiency: 11 LM/W
- Input voltage: DC24-48V
- Lighting direction: Downward
- Dimming method: Non-dimming, DALI-2, Tuya Bluetooth, CASAMBI
- Application: Indoor
- Certification: CE, UKCA, ROHS, Reach
- Warranty: 5 years



## ◎ Product mechanical data



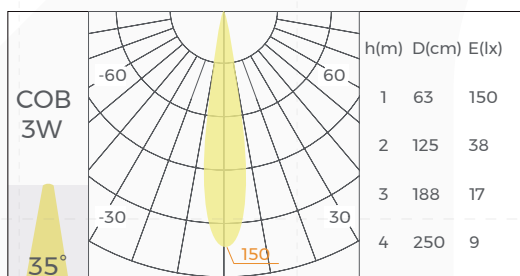
## ©Luminaire Parameters

| Version | Model     | Size     | Input Voltage (V) | Max. Current (A) | Type Power (W) | Max. Power (W) | CRI | Beam Angle | CCT   | Lumen (LM) |
|---------|-----------|----------|-------------------|------------------|----------------|----------------|-----|------------|-------|------------|
| Normal  | MT11SL-23 | φ23*76mm | 24-48VDC          | 0.063            | 3              | 3              | >95 | 18°-35°    | 3000K | 35         |
|         |           |          |                   |                  |                |                |     |            | 4000K | 40         |

Note:

1. The output data is based on the testing result of Ra95,3000k luminaires;
2. The tolerance of output data can be vary up to 10%;
3. The output data is typical value.

## ©Optical Parameter



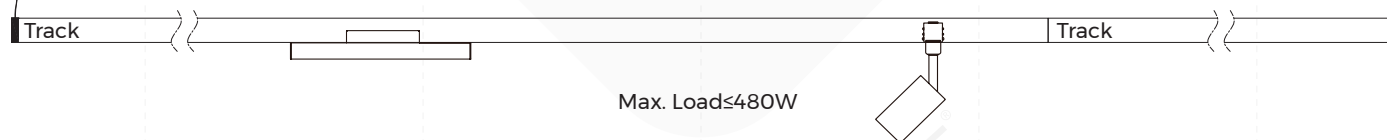
## [Points to note]

⚡ 48V Power Supply



Total track Length≤50M

⚡ 48V Power Supply



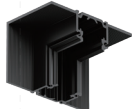
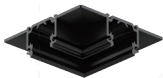
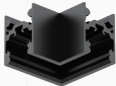
Max. Load≤480W

Supplementary power supplies are needed beside the Spotlights module / Decorative module / Linear modular under below one conditions:

1. Load >480W on the track
2. Total track length >50M

## ◎ Accessories Information

| Picture                                                                             | Name                                           | Model         |
|-------------------------------------------------------------------------------------|------------------------------------------------|---------------|
|    | Trimless recessed track<br>(13mm gypsum board) | TLS-MT11-RX0  |
|    | Ceiling track                                  | TLS-MT11-SX0  |
|    | Pendant track                                  | TLS-MT11-HX0  |
|    | Pendant track                                  | TLS-MT11-SRX0 |
|    | φ1000mm 90°<br>Ceiling curve track             | TLS-MS11090   |
|   | Rail energization box                          | TLS-MT1101    |
|  | Horizontal corner power-on connectors          | TLS-MT1102    |
|  | Flexible energized connectors                  | TLS-MT1103    |
|  | Rail energized connectors                      | TLS-MT1104    |
|  | Pendant accessory                              | TLS-MT1105    |
|  | Rail connectors                                | TLS-MT1106    |
|  | End caps                                       | TLS-MT11-R-EC |
|  | End caps                                       | TLS-MT11-S-EC |
|  | End caps                                       | TLS-MT11-H-EC |

| Picture                                                                             | Name                                        | Model            |
|-------------------------------------------------------------------------------------|---------------------------------------------|------------------|
|    | End caps                                    | TLS-MT11-SR-EC   |
|    | L-shaped (Inward)                           | MT11-L90N-MS11   |
|    | L-shaped (Downward)                         | MT11-L90-MS11    |
|    | L-shaped (Inward)                           | MT11-L90N-MR11   |
|    | L-shaped (Downward)                         | MT11-L90-MR11    |
|    | L-shaped (Inward)                           | MT11-L90N-MH11   |
|   | L-shaped (Downward)                         | MT11-L90-MH11    |
|  | L-shaped (Downward)                         | MT11-L90-MSR11   |
|  | 48V Constant Voltage Power supply(external) | BN-V48-XXXP      |
|   | 48V Constant Voltage Power supply(build-in) | LV100W48CG MICRO |

Note:

1,Please refer to the accessory list table for detailed parameters.

2,Different tracks need to be used with corresponding accessories

## ◎Packing

| Model            | Size<br>(mm/box)                   | Quantity<br>/box | Quantity<br>/carton | NW<br>(kg/box) | NW<br>(kg/carton) | GW<br>(kg) | Size<br>(mm/carton)                   |
|------------------|------------------------------------|------------------|---------------------|----------------|-------------------|------------|---------------------------------------|
| TLS-MT11SL23-XXX | 200*100*150<br>[7.87"*3.94"*5.91"] | 1                | 60                  | 0.17           | 9.97              | 11         | 520*415*325<br>[20.47"*16.34"*12.80"] |

## ◎Model Code

|                                     |          |                              |                          |                        |                      |                   |                   |          |                       |                 |                               |                           |          |                                                                                        |                   |                              |
|-------------------------------------|----------|------------------------------|--------------------------|------------------------|----------------------|-------------------|-------------------|----------|-----------------------|-----------------|-------------------------------|---------------------------|----------|----------------------------------------------------------------------------------------|-------------------|------------------------------|
| <b>TLS</b>                          | <b>-</b> | <b>M</b>                     | <b>T</b>                 | <b>11</b>              | <b>S</b>             | <b>L</b>          | <b>23</b>         | <b>-</b> | <b>03</b>             | <b>95</b>       | <b>40</b>                     | <b>B4</b>                 | <b>-</b> | <b>N</b>                                                                               | <b>B</b>          | <b>B</b>                     |
| System<br>TLS<br>Track Light System |          | Series<br>M: Magnetic Module | Installation<br>T: Track | Track Size<br>11: 11mm | Type<br>S: Spotlight | Nature<br>L: Logo | Size<br>23: ø23mm |          | Type Power<br>03: 03W | CRI<br>95 Ra>95 | CCT<br>30: 3000K<br>40: 4000K | Beam angle<br>B4: 18°-35° |          | Dimming Method<br>N: Non-Dimming<br>D: 1-10V Dimming<br>A: DALI Dimming<br>X: No Power | Color<br>B: Black | Inner Ring Color<br>B: Black |

## ◎Attentions

- 1、 Non-professionals are prohibited from installing, disassembling and repairing the product.
- 2、 Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- 3、 Please use professional cutting tools when cutting
- 4、 Do not use any acid or alkaline adhesive to fix products
- 5、 The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
- 6、 PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use