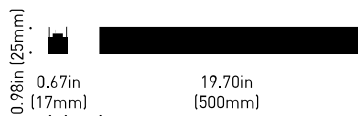




## DIMENSIONS



## ACCESORIES



MINIMAL TRACK OPTIONS

## AWARDS



reddot winner 2020  
innovative product



reddot winner 2020  
lighting design



Bronze Delta  
ADI Awards 2020



HONORABLE MENTION  
EUROPEAN  
PRODUCT  
DESIGN  
AWARD



WINNER  
2020



archiproducts  
DESIGN AWARDS  
WINNER 2020

|           |                               |
|-----------|-------------------------------|
| Name      | LINE MICRO 500 24V UL 3000K N |
| Reference | U3951001N                     |
| Color     | Matt black                    |
| Category  | Track Lights                  |

## PRODUCT

|                       |                |
|-----------------------|----------------|
| Type                  | LED            |
| Gross luminous flux   | 840 Lm         |
| Color temperature     | 3000 K         |
| Chromatic stability   | MacAdam Step 2 |
| Color Rendering Index | CRI>90         |
| Power                 | 5 W            |
| Efficacy              | 168 Lm/W       |
| LED lifespan          | L80B10>60.000h |

## LIGHT SOURCE

|                         |        |
|-------------------------|--------|
| Lighting efficiency     | 52%    |
| Delivered luminous flux | 437 Lm |
| Light beam angle        | 113°   |

## LIGHTING FIXTURE | PHOTOMETRIC DATA

|                            |             |
|----------------------------|-------------|
| Power values of the system | 5,50 W      |
| Dimming                    | Dim options |

## LIGHTING FIXTURE | ELECTRICAL DATA

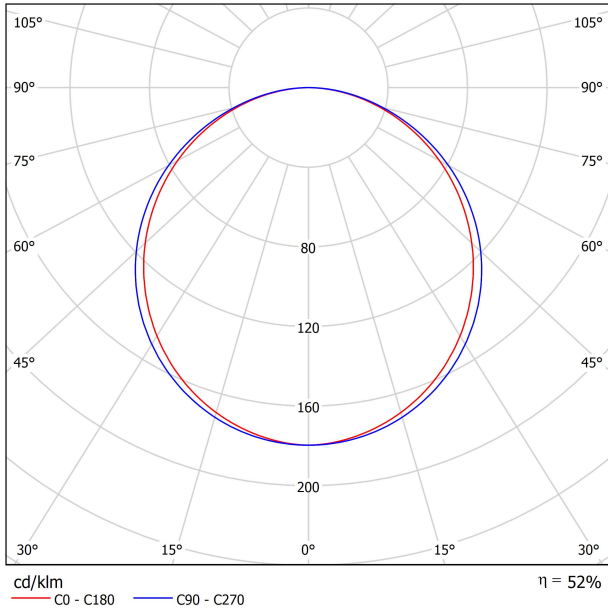
|                        |   |
|------------------------|---|
| Environmental location | DRY                                       |
| Track type             | Minimal Track                             |
| Weight                 | 0.39 lb   175 gr                          |
| Packaged weight        | 0.51 lb   230 gr                          |
| Packaging dimensions   | 20.28 x 1.81 x 1.57 in   515 x 46 x 40 mm |
| Materials              | Aluminium / Polycarbonate                 |

## OTHER DATA

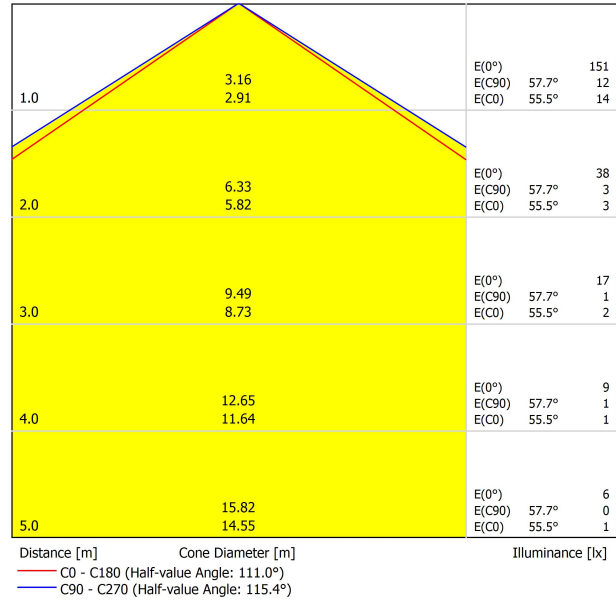


Line Micro 24V, is the line-luminary of diffused light for Minimal Track applications. This lighting solution allows Jokerlight's 24V tracklight to combine accent lighting with longitudinal general lighting where required.

## POLAR DIAGRAM



## CONICAL DIAGRAM



## UGR

| Glare Evaluation According to UGR                                |             |  |      |      |      |             |   |      |      |      |      |
|--|-------------|--|------|------|------|-------------|---|------|------|------|------|
| ρ Ceiling  | 70          | 70   | 50   | 50   | 30   | 70          | 70                                      | 50   | 50   | 30   | 30   |
| ρ Walls  | 50          | 30   | 50   | 30   | 30   | 50          | 30                                      | 50   | 30   | 30   | 30   |
| ρ Floor  | 20          | 20   | 20   | 20   | 20   | 20          | 20                                      | 20   | 20   | 20   | 20   |
| Room Size X Y  |             | Viewing direction at right angles to lamp axis |      |      |      |             | Viewing direction parallel to lamp axis |      |      |      |      |
| 2H   | 2H          | 21.9   | 23.3 | 22.2 | 23.5 | 23.7        | 22.2                                    | 23.5 | 22.5 | 23.8 | 24.0 |
|  | 3H          | 23.8   | 25.0 | 24.1 | 25.3 | 25.5        | 24.1                                    | 25.3 | 24.4 | 25.6 | 25.8 |
|  | 4H          | 24.5   | 25.6 | 24.8 | 25.9 | 26.2        | 24.8                                    | 26.0 | 25.1 | 26.2 | 26.5 |
|  | 6H          | 25.0   | 26.1 | 25.4 | 26.4 | 26.7        | 25.4                                    | 26.4 | 25.7 | 26.8 | 27.1 |
|  | 8H          | 25.2   | 26.3 | 25.6 | 26.6 | 26.9        | 25.6                                    | 26.6 | 25.9 | 26.9 | 27.3 |
|  | 12H         | 25.3   | 26.3 | 25.7 | 26.7 | 27.0        | 25.7                                    | 26.7 | 26.1 | 27.0 | 27.4 |
| 4H   | 2H          | 22.5   | 23.7 | 22.9 | 24.0 | 24.3        | 22.8                                    | 23.9 | 23.1 | 24.2 | 24.5 |
|  | 3H          | 24.6   | 25.6 | 25.0 | 25.9 | 26.3        | 24.9                                    | 25.8 | 25.2 | 26.2 | 26.5 |
|  | 4H          | 25.5   | 26.4 | 25.9 | 26.7 | 27.1        | 25.8                                    | 26.6 | 26.2 | 27.0 | 27.3 |
|  | 6H          | 26.2   | 26.9 | 26.6 | 27.3 | 27.7        | 26.5                                    | 27.2 | 26.9 | 27.6 | 28.0 |
|  | 8H          | 26.4   | 27.1 | 26.9 | 27.5 | 27.9        | 26.7                                    | 27.4 | 27.2 | 27.8 | 28.3 |
|  | 12H         | 26.6   | 27.2 | 27.0 | 27.6 | 28.1        | 26.9                                    | 27.6 | 27.4 | 28.0 | 28.4 |
| 8H   | 4H          | 25.8   | 26.5 | 26.3 | 26.9 | 27.3        | 26.1                                    | 26.8 | 26.5 | 27.2 | 27.6 |
|  | 6H          | 26.7   | 27.3 | 27.1 | 27.7 | 28.1        | 26.9                                    | 27.5 | 27.4 | 27.9 | 28.4 |
|  | 8H          | 27.0   | 27.5 | 27.5 | 28.0 | 28.5        | 27.3                                    | 27.8 | 27.8 | 28.3 | 28.7 |
|  | 12H         | 27.3   | 27.7 | 27.8 | 28.2 | 28.7        | 27.6                                    | 28.0 | 28.1 | 28.5 | 29.0 |
| 12H  | 4H          | 25.9   | 26.5 | 26.3 | 26.9 | 27.4        | 26.1                                    | 26.7 | 26.5 | 27.1 | 27.6 |
|  | 6H          | 26.8   | 27.3 | 27.2 | 27.7 | 28.2        | 27.0                                    | 27.5 | 27.5 | 28.0 | 28.4 |
|  | 8H          | 27.2   | 27.6 | 27.6 | 28.1 | 28.6        | 27.4                                    | 27.9 | 27.9 | 28.3 | 28.8 |
| Variation of the observer position for the luminaire distances S |             |  |      |      |      |             |   |      |      |      |      |
| S = 1.0H   | +0.1 / -0.1 |  |      |      |      | +0.1 / -0.1 |   |      |      |      |      |
| S = 1.5H   | +0.2 / -0.3 |  |      |      |      | +0.2 / -0.3 |   |      |      |      |      |
| S = 2.0H   | +0.3 / -0.6 |  |      |      |      | +0.3 / -0.6 |   |      |      |      |      |
| Standard table   | BK06        |  |      |      |      | BK06        |   |      |      |      |      |
| Correction Summand   | 8.1         |  |      |      |      | 8.3         |   |      |      |      |      |
| Corrected Glare Indices referring to 840lm Total Luminous Flux   |             |  |      |      |      |             |   |      |      |      |      |

# Minimal Track

# ARKOSLIGHT

Minimal Track is a 24V low-voltage lighting system designed to create minimalist and highly configurable installations. On this page, you'll find the necessary components to configure your surface-mounted system.



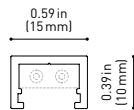
## Track & accessories - Surface mounting

Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

### MINIMAL TRACK 24V Suspension UL

Profile 2m UL

U384-02-00- | N |

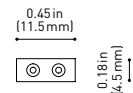


### Rubber Cable n x 1m UL

U384-00-01- | N |

n = Total Length of System  
1m = 39.37in

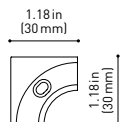
24V | Max. 4A



### Corner 90° 1 Plane UL

U384-00-02- | N |

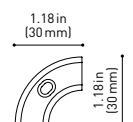
Cable Length = 1.38in (35mm)



### Corner 90° 1 Plane Rounded UL

U384-00-03- | N |

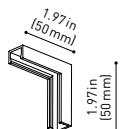
Cable Length = 1.38in (35mm)



### Corner 90° 2 Planes UL

U384-00-04- | N |

Cable Length = 3.94in (100mm)



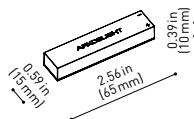
### End Cap UL

U384-00-05- | N |



### Connection Box UL

U384-00-06- | N |



## Mounting scheme:



COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 |

INSTALLATION GUIDE  
<https://youtu.be/KnedJbKp7oo>



# Minimal Track

# ARKOSLIGHT

Minimal Track is a 24V low-voltage lighting system designed to create minimalist and highly configurable installations. On this page, you'll find the necessary components to configure your suspension-mounted system.



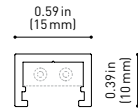
## Track & accessories - Suspension mounting

Configure the shape of your track, add end caps and the required accessories, and finish the setup with the conductive strip (rubber cable).

### MINIMAL TRACK 24V Suspension UL

Profile 2m UL

U384-02-00- | N |

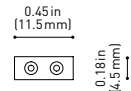


### Rubber Cable n x 1m UL

U400-00-01- | N |

n = Total Length of System  
1m = 39.37in

24V | Max. 4A



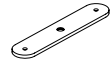
Profile 2m Initial feed kit UL

U400-02-10- | N |



Suspension Straight Joiner UL

U400-00-02- | N |



Profile 2m Middle feed kit UL\*

U400-02-20- | N |

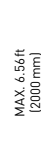
\* Unidirectional Middle Feed  
2m = 78.74in



Suspension Kit UL

U400-02-04- | N |

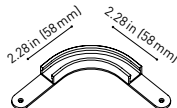
Max distance between suspension kits = 100 cm.



Suspension Corner 90° UL

U400-00-03- | N |

Cable Length = 3.35in (85mm)



Suspension End Caps UL

U400-00-05- | N |

Two End Caps Included



## Mounting scheme:



COLOUR | NT ■ RAL 9005 | WT □ RAL 9016 | N ■ RAL 9005 |

## Power Supply

Select your power supply, include a dimmer if needed, and explore the connection diagrams provided.

|   |                   | P    | V   | D (A x B x C)                                 |
|---|-------------------|------|-----|---|
| <b>MINIMAL TRACK 24V Remote Power Supply UL</b> | <b>U384-00-07</b> | 100W | 24V | 8.16 x 2.97 x 1.30 in<br>207.2 x 75.4 x 33 mm |

120 & 277 V | 50/60 Hz | NO DIM



|  |                   | P    | V   | D (A x B x C)                                |
|--|-------------------|------|-----|--|
| <b>MINIMAL TRACK 24V Dimmable Power Supply UL*</b> | <b>U010-00-01</b> | 60W  | 24V | 5.83 x 1.68 x 1 in<br>148.2 x 42.6 x 25.4 mm |
|  | <b>U010-00-02</b> | 100W | 24V | 9.5 x 1.57 x 1 in<br>241.3 x 39.9 x 25.4 mm  |

120 & 277 V | 50/60 Hz | 0-10 V



|  |                   | P    | V   | D (A x B x C)                              |
|--|-------------------|------|-----|--|
| <b>MINIMAL TRACK 24V Constant Voltage Dimmer</b> | <b>U010-00-00</b> | 144W | 24V | 2.86 x 1.18 x 0.71 in<br>72.6 x 30 x 18 mm |

24 V | CASAMBI



## Connection diagrams:



UL DROP VOLTAGE TABLE

| POWER | CABLE SECTION | CABLE LENGTH      |                    |                    |                    |
|-------|---------------|-------------------|--------------------|--------------------|--------------------|
|       |               | <16.40 ft<br><5 m | <32.80 ft<br><10 m | <65.62 ft<br><20 m | <98.43 ft<br><30 m |
| 60 W  | AWG18         | 98.43 ft<br>30 m  | 98.43 ft<br>30 m   | 65.62 ft<br>20 m   | 32.80 ft<br>10 m   |
|       | AWG16         | 98.43 ft<br>30 m  | 98.43 ft<br>30 m   | 98.43 ft<br>30 m   | 65.62 ft<br>20 m   |
| 96 W  | AWG18         | 65.62 ft<br>20 m  | 32.80 ft<br>10 m   | X                  | X                  |
|       | AWG16         | 65.62 ft<br>20 m  | 65.62 ft<br>20 m   | 32.80 ft<br>10 m   | X                  |