

IO 48V

ARKOSLIGHT®



#### DIMENSIONS



#### ACCESSORIES



HIGH CHROMATIC LED



BEAM MIXER DIFFUSER



ANTI-GLARE HONEYCOMB  
LOUVER



TRACK 48V OPTIONS

#### AWARDS



#### PRODUCT

|           |                     |
|-----------|---------------------|
| Name      | IO 48V 56° 2700K NT |
| Reference | A3480130NT          |
| Color     | Textured black      |
| RAL       | 9005                |
| Category  | TRACKLIGHTS         |

#### LIGHTING INFORMATION

|                             |                           |
|-----------------------------|---------------------------|
| Light source                | LED                       |
| Gross luminous flux         | 485 Lm                    |
| Power                       | 4,5 W                     |
| Power values of the system  | 4,74 W                    |
| Colour temperature          | 2700 K                    |
| Colour Rendering Index      | CRI>90                    |
| Chromatic stability         | MacAdam Step 2            |
| Light beam angle            | 56°                       |
| Lighting efficiency         | 86%                       |
| Efficacy                    | 108 Lm/W                  |
| Current intensity           | 500 mA                    |
| Control through bluetooth   | Please Consult            |
| Driver                      | Included                  |
| Electrical insulation class | III                       |
| Voltage                     | 48 Vdc                    |
| Energy efficiency           | A+                        |
| LED lifespan                | L80B10 (Tj=85°C) >60.000h |

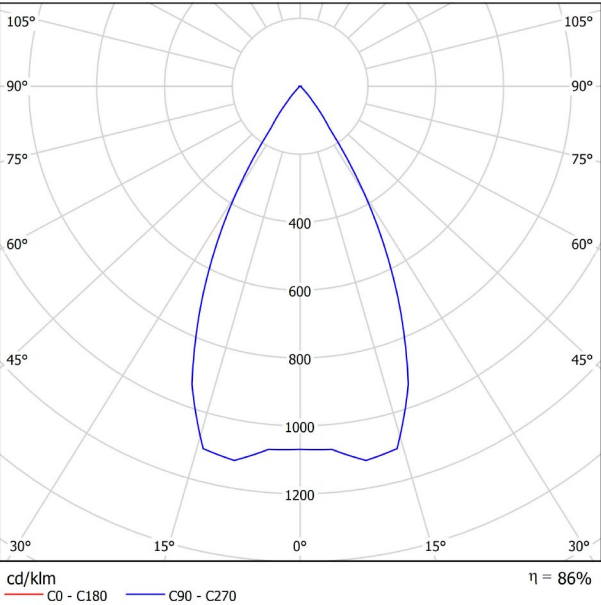
#### OTHER DATA

|                      |                           |
|----------------------|---------------------------|
| Ingress Protection   | IP20                      |
| Swivel angle         | 325°                      |
| Rotation angle       | 355°                      |
| Track type           | Track 48V                 |
| Weight               | 155 g.                    |
| Packaged weight      | 225 g.                    |
| Packaging dimensions | 188 × 163 × 53 mm         |
| Units per package    | 1                         |
| Materials            | Aluminium / Polycarbonate |

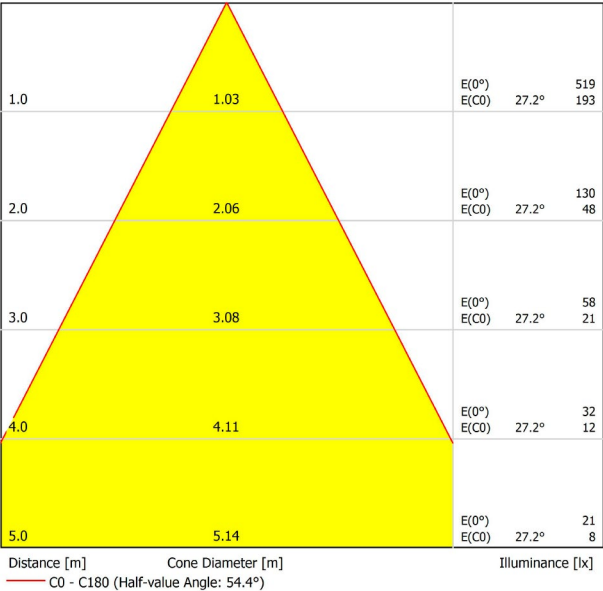


"Io 48V" is a LED spotlight miniaturised in a fixture that is so small that it fits on the palm of your hand. Designed for accent lighting applications, its small dimensions mean it can be fitted in display cabinets, shop windows and small places without generating an invasive presence on the scene. Created to be placed on a track, it offers all the features of concentrated LED spotlights with a minimalist and hyper-reduced design.

POLAR DIAGRAM



CONICAL DIAGRAM



# HIGH CHROMATIC LED

ARKOSLIGHT®

FOR COMMERCIAL PRODUCT SHOWCASING

| Vivid Model<br>Colour Temperature | 2700K | 3000K | 3500K | 4000K | Light Pink |
|-----------------------------------|-------|-------|-------|-------|------------|
| 📖 Reading                         |       |       | •     | •     |            |
| 🥬 Fruits & Vegetables             |       | •     | •     |       |            |
| 🍰 Bakery                          | •     |       |       |       |            |
| 👤 Retail                          |       | •     | •     |       |            |
| 💄 Cosmetics                       |       |       | •     | •     |            |
| 🥩 Meat                            |       |       |       |       | •          |
| 🐟 Fish                            |       |       |       | •     |            |
| 🐠 Seafood                         |       |       |       | •     | •          |



For some of its products, Arkoslight offers the possibility to provide them with a special LED, designed to create an illumination focused on visually promoting goods or products for commercial purposes. It is a high chromaticity LED, capable of identifying the colour shades that produce a positive psychological perception of the illuminated object.

This special LED lighting source offers a much more attractive and intense colour range than a conventional LED, besides being much wider. Technically, this is possible thanks to a special LED setting that includes a «special saturation parameter», capable of highlighting the objects colours and materials in such a way that they seem more attractive within the visible light spectrum. To achieve this performance, in each case, the appropriate diode and specific phosphor coating are carefully selected.



|           | PRODUCT             |
|-----------|---------------------|
| Model     | Beam Mixer Diffuser |
| Reference | 08050100            |
| Category  | Accessories         |

NOT SOLD SEPARATELY.

The Beam Mixer Diffuser is used to smooth beam artifacts caused by parabolic, Fresnel, or TIR lens collimators without significant broadening.

The unique mixing design provides superior far-field smoothing and color mixing with high on-axis brightness. Compared with traditional diffusers, it maintains higher central beam candlepower (CBCP), and produce less undesirable "field light" at higher angles.



| PRODUCT   |                             |
|-----------|-----------------------------|
| Model     | Anti-glare Honeycomb Louver |
| Reference | 08060000NT                  |
| Colour    | NT ■   Textured black       |
| Category  | Accessories                 |

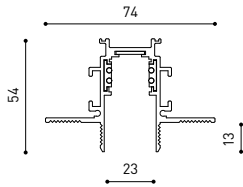
NOT SOLD SEPARATELY.



Accessory made up of louver in the shape of a honeycomb panel to reduce glare and the effects of direct rays of vision.

48V SYSTEM

TRACK 48V



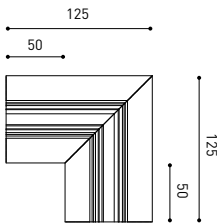
TRACK 48V TRIMLESS

|                                          |             |   |
|------------------------------------------|-------------|---|
| TRACK 48V TRIMLESS 1m                    | A338-01-00- | N |
| TRACK 48V TRIMLESS 2m                    | A338-02-00- | N |
| TRACK 48V TRIMLESS 3m                    | A338-03-00- | N |
| TRACK 48V TRIMLESS Corner 90° One Plane  | A338-06-00- | N |
| TRACK 48V TRIMLESS Corner 90° Two Planes | A338-07-00- | N |

RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

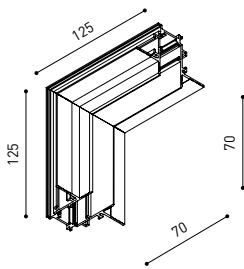


TRACK 48V TRIMLESS  
Corner 90° One Plane

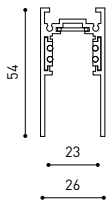


\*Electrical connection not included

TRACK 48V TRIMLESS  
Corner 90° Two Planes



\*Electrical connection not included

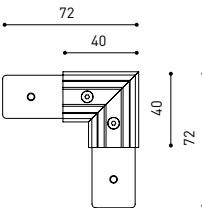


TRACK 48V SURFACE

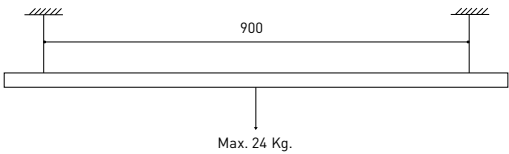
|                                        |             |   |
|----------------------------------------|-------------|---|
| TRACK 48V SURFACE 1m                   | A338-11-00- | N |
| TRACK 48V SURFACE 2m                   | A338-12-00- | N |
| TRACK 48V SURFACE 3m                   | A338-13-00- | N |
| TRACK 48V SURFACE Corner 90° One Plane | A338-14-00- | N |



TRACK 48V SURFACE  
Corner 90° One Plane



\*Electrical connection not included



|                                   |            | P    | V   | D               |
|-----------------------------------|------------|------|-----|-----------------|
| CONSTANT VOLTAGE LED POWER SUPPLY | 0434-01-21 | 75W  | 48V | 180 x 52 x 30mm |
|                                   | 0434-01-22 | 150W | 48V | 240 x 60 x 49mm |

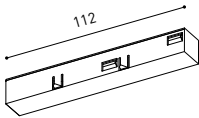
DROP VOLTAGE TABLE

|           |                     | CABLE LENGTH (m) |    |    |    |
|-----------|---------------------|------------------|----|----|----|
|           |                     | 5                | 10 | 20 | 30 |
| POWER (W) | CABLE SECTION (mm²) | TRACK LENGTH (m) |    |    |    |
|           |                     | 50               | 50 | 30 | X  |
| 75        | 0,75                | 50               | 50 | 50 | 50 |
|           | 1,5                 | 40               | 15 | X  | X  |
| 150       | 0,75                | 50               | 40 | 20 | X  |
|           | 1,5                 |                  |    |    |    |

48V SYSTEM

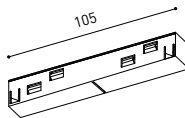
# TRACK 48V

## ALL 48V TRACK



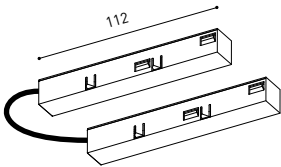
**TRACK 48V** Live-End Connector

A338-00-01- | N |



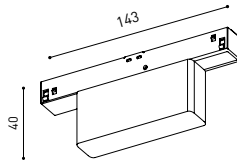
**TRACK 48V** Central Connector

A338-00-02- | N |



**TRACK 48V** Corner 90° Connector

A338-00-12- | N |



**TRACK 48V** Wireless Control

0434-01-31- | N | Casambi/AAG Stucchi App

0434-01-32- | N | AAG Stucchi App

## TRIMLESS 48V



**TRACK 48V TRIMLESS** Short T-Bracket

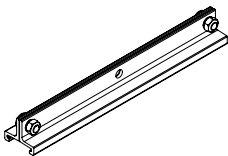
A338-00-03



**TRACK 48V** Clamp for M6 ROD

A338-00-09

\*See accessories quantities



**TRACK 48V TRIMLESS** Long T-Bracket

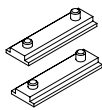
A338-00-04



**TRACK 48V** Track Clamp

A338-00-10

\*See accessories quantities



**TRACK 48V TRIMLESS** Straight Joiners (2 units)

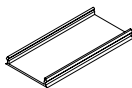
A338-00-05



**TRACK 48V TRIMLESS** Suspension Kit

A338-00-08

\*See accessories quantities



**TRACK 48V TRIMLESS** Plaster Installation Guard 1m

A338-00-21

**\* SUGGESTED MOUNTING ACCESSORIES QUANTITIES**

1000mm - 2 Pcs.

2000mm - 3 Pcs.

3000mm - 4 Pcs.

COLOUR | N ■ |

48V SYSTEM

# TRACK 48V

TRIMLESS, SURFACE & SUSPENSION 48V



TRACK 48V TRIMLESS & SURFACE End

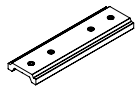
A338-00-06- | N |



TRACK 48V TRIMLESS & SURFACE End Feed

A338-00-07- | N |

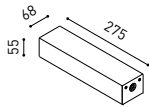
SURFACE, SUSPENSION 48V



TRACK 48V SURFACE Straight Joiner

A338-00-11- | N |

SURFACE 48V

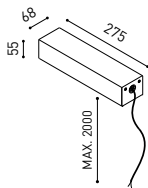


TRACK 48V Power Supply Case

A338-00-20- | N |  NO DIM

\*To be installed aside 48V Surface Tracks  
Power supply not included

SUSPENSION 48V



TRACK 48V Wired Power Supply Case

A338-00-22- | N |  NO DIM

A338-00-23- | N |  DIM

\*Power supply not included



TRACK 48V SURFACE Suspension Kit (2 units)

A338-00-15- | N |



TRACK 48V SURFACE Suspension Feed Kit

A338-00-16- | N |  NO DIM

A338-00-17- | N |  DIM

\*For remote power supply

COLOUR | N ■ |