



#### DIMENSIONS



#### ACCESSORIES



HIGH CHROMATIC LED



TRACK 48V OPTIONS

#### PRODUCT

|           |                        |
|-----------|------------------------|
| Name      | WIZ 48V SHORT 3000K WT |
| Reference | A4650111WT-S           |
| Color     | Textured white         |
| RAL       | 9016                   |
| Category  | TRACK LIGHTS           |

#### LIGHT SOURCE

|                        |                 |
|------------------------|-----------------|
| Type                   | LED             |
| Gross luminous flux    | 1530 lm         |
| Colour temperature     | 3000 K          |
| Chromatic stability    | MacAdam Step 2  |
| Colour Rendering Index | CRI>90          |
| Power                  | 12,4 W          |
| Efficacy               | 123 lm/W        |
| LED lifespan           | L90B10 >55.000h |

#### LIGHTING FIXTURE | PHOTOMETRIC DATA

|                     |     |
|---------------------|-----|
| Lighting efficiency | 86% |
| Light beam angle    | 38° |

#### LIGHTING FIXTURE | ELECTRICAL DATA

|                             |                                    |
|-----------------------------|------------------------------------|
| Power values of the system  | 13,23 W                            |
| Dimming                     | No Dim - Other DIM, please consult |
| Electrical insulation class | II                                 |

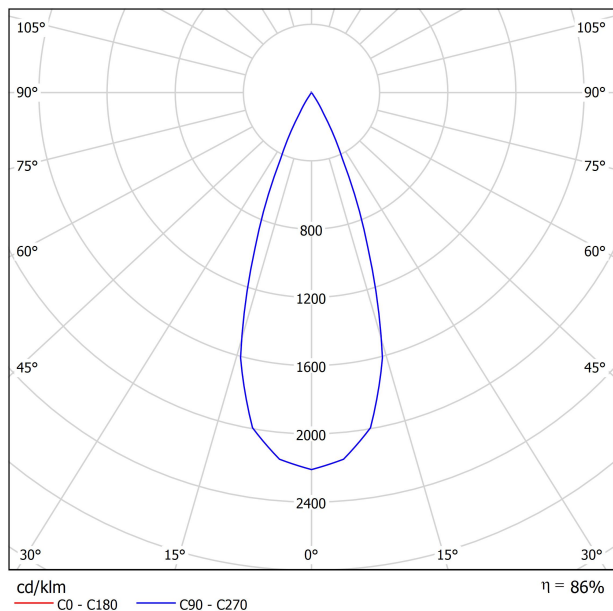
#### OTHER DATA

|                      |                                                             |
|----------------------|-------------------------------------------------------------|
| Sealing              | IP20                                                        |
| Wireless control     | Please Consult                                              |
| Track type           | Track 48V                                                   |
| Weight               | 150 g                                                       |
| Packaged weight      | 270 g                                                       |
| Packaging dimensions | 206 x 150 x 105 mm                                          |
| Units per package    | 1                                                           |
| Materials            | Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate |

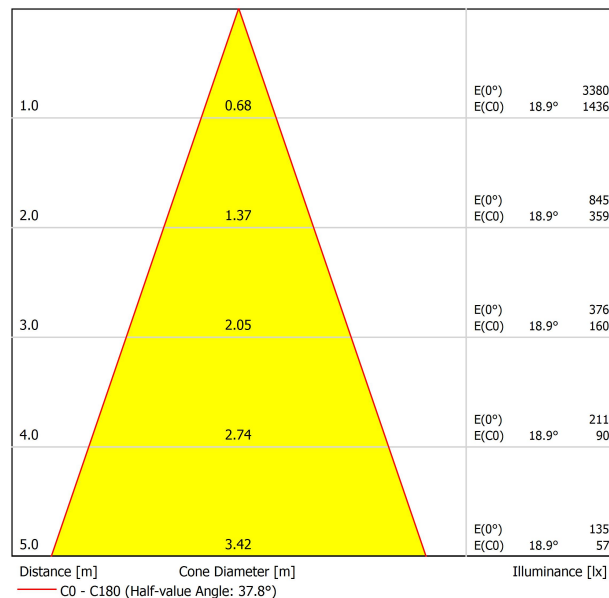


The Wiz 48V downlight integrates "The invisible Black" effect into the Track system. Its design is based on conical geometry to be effective in its role and harmonious in its acrobatic appearance.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |     |                                                   |       |       |       |       |                                            |       |       |       |       |       |
|------------------------------------------------------------------|-----|---------------------------------------------------|-------|-------|-------|-------|--------------------------------------------|-------|-------|-------|-------|-------|
|                                                                  |     | 70                                                | 70    | 50    | 50    | 30    | 70                                         | 70    | 50    | 50    | 30    | 30    |
| p Ceiling                                                        |     | 50                                                | 30    | 50    | 30    | 30    | 50                                         | 30    | 50    | 30    | 30    | 30    |
| p Walls                                                          |     | 20                                                | 20    | 20    | 20    | 20    | 20                                         | 20    | 20    | 20    | 20    | 20    |
| p Floor                                                          |     | 20                                                | 20    | 20    | 20    | 20    | 20                                         | 20    | 20    | 20    | 20    | 20    |
| Room Size<br>X                  Y                                |     | Viewing direction at right angles<br>to lamp axis |       |       |       |       | Viewing direction parallel<br>to lamp axis |       |       |       |       |       |
| 2H                                                               | 2H  | -18.6                                             | -18.0 | -18.4 | -17.8 | -17.6 | -18.6                                      | -18.0 | -18.4 | -17.8 | -17.6 |       |
|                                                                  | 3H  | -15.0                                             | -14.4 | -14.7 | -14.2 | -13.9 | -15.0                                      | -14.4 | -14.7 | -14.2 | -13.9 |       |
|                                                                  | 4H  | -12.7                                             | -12.2 | -12.4 | -11.9 | -11.7 | -12.7                                      | -12.2 | -12.4 | -11.9 | -11.7 |       |
|                                                                  | 6H  | -11.0                                             | -10.5 | -10.6 | -10.2 | -9.9  | -11.0                                      | -10.5 | -10.6 | -10.2 | -9.9  |       |
|                                                                  | 8H  | -9.8                                              | -9.4  | -9.5  | -9.1  | -8.8  | -9.8                                       | -9.4  | -9.5  | -9.1  | -8.8  |       |
| 4H                                                               | 12H | -8.2                                              | -7.8  | -7.9  | -7.5  | -7.2  | -8.2                                       | -7.8  | -7.9  | -7.5  | -7.2  |       |
|                                                                  | 2H  | -17.8                                             | -17.2 | -17.5 | -17.0 | -16.7 | -17.8                                      | -17.2 | -17.5 | -17.0 | -16.7 |       |
|                                                                  | 3H  | -13.6                                             | -13.1 | -13.2 | -12.8 | -12.5 | -13.6                                      | -13.1 | -13.2 | -12.8 | -12.5 |       |
|                                                                  | 4H  | -11.2                                             | -10.8 | -10.8 | -10.4 | -10.1 | -11.2                                      | -10.8 | -10.8 | -10.4 | -10.1 |       |
|                                                                  | 6H  | -9.3                                              | -9.0  | -8.9  | -8.6  | -8.3  | -9.3                                       | -9.0  | -8.9  | -8.6  | -8.3  |       |
| 8H                                                               | 8H  | -8.1                                              | -7.8  | -7.7  | -7.4  | -7.0  | -8.1                                       | -7.8  | -7.7  | -7.4  | -7.0  |       |
|                                                                  | 12H | -6.3                                              | -6.1  | -5.9  | -5.7  | -5.3  | -6.3                                       | -6.1  | -5.9  | -5.7  | -5.3  |       |
|                                                                  | 4H  | -10.4                                             | -10.1 | -9.9  | -9.7  | -9.3  | -10.4                                      | -10.1 | -9.9  | -9.7  | -9.3  |       |
|                                                                  | 6H  | -8.3                                              | -8.1  | -7.9  | -7.7  | -7.2  | -8.3                                       | -8.1  | -7.9  | -7.7  | -7.2  |       |
|                                                                  | 8H  | -6.8                                              | -6.7  | -6.4  | -6.2  | -5.8  | -6.8                                       | -6.7  | -6.4  | -6.2  | -5.8  |       |
| 12H                                                              | 12H | -4.8                                              | -4.7  | -4.3  | -4.2  | -3.7  | -4.8                                       | -4.7  | -4.3  | -4.2  | -3.7  |       |
|                                                                  | 4H  | -10.2                                             | -9.9  | -9.8  | -9.6  | -9.1  | -10.2                                      | -9.9  | -9.8  | -9.6  | -9.1  |       |
|                                                                  | 6H  | -8.0                                              | -7.8  | -7.5  | -7.4  | -6.9  | -8.0                                       | -7.8  | -7.5  | -7.4  | -6.9  |       |
|                                                                  | 8H  | -6.3                                              | -6.2  | -5.9  | -5.7  | -5.3  | -6.3                                       | -6.2  | -5.9  | -5.7  | -5.3  |       |
| Variation of the observer position for the luminaire distances S |     |                                                   |       |       |       |       |                                            |       |       |       |       |       |
| S = 1.0H                                                         |     | +6.9 / -10.4                                      |       |       |       |       | +6.9 / -10.4                               |       |       |       |       |       |
| S = 1.5H                                                         |     | +9.8 / -11.0                                      |       |       |       |       | +9.8 / -11.0                               |       |       |       |       |       |
| S = 2.0H                                                         |     | +11.8 / -11.6                                     |       |       |       |       | +11.8 / -11.6                              |       |       |       |       |       |
| Standard table                                                   |     | BK00                                              |       |       |       |       | BK00                                       |       |       |       |       |       |
| Correction                                                       |     | -14.5                                             |       |       |       |       | -14.5                                      |       |       |       |       |       |
| Summand                                                          |     |                                                   |       |       |       |       |                                            |       |       |       |       | -14.5 |
| Corrected Glare Indices referring to 1530lm Total Luminous Flux  |     |                                                   |       |       |       |       |                                            |       |       |       |       |       |

# 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.



## TRACK 48V TRIMLESS

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

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



TRIMLESS INSTALLATION GUIDE  
<https://youtu.be/tgGsQdaYe-w>



## TRACK 48V SURFACE

|                                        |                       |
|----------------------------------------|-----------------------|
| TRACK 48V SURFACE 1m                   | A338-11-00-   NT   WT |
| TRACK 48V SURFACE 2m                   | A338-12-00-   NT   WT |
| TRACK 48V SURFACE 3m                   | A338-13-00-   NT   WT |
| TRACK 48V SURFACE Corner 90° One Plane | A338-14-00-   NT   WT |
| TRACK 48V SURFACE T-Joint              | A338-15-00-   NT      |
| TRACK 48V SURFACE X-Joint              | A338-16-00-   NT      |



## TRACK 48V SURFACE SHORT

|                                              |                       |
|----------------------------------------------|-----------------------|
| TRACK 48V SURFACE SHORT 1m                   | A338-21-00-   NT   WT |
| TRACK 48V SURFACE SHORT 2m                   | A338-22-00-   NT   WT |
| TRACK 48V SURFACE SHORT 3m                   | A338-23-00-   NT   WT |
| TRACK 48V SURFACE SHORT Corner 90° One Plane | A338-24-00-   NT   WT |
| TRACK 48V SURFACE SHORT T-Joint              | A338-25-00-   NT      |
| TRACK 48V SURFACE SHORT X-Joint              | A338-26-00-   NT      |



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

## 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 Corner 90° One Plane



## T-Joint



## X-Joint



Electrical connection not included | Straight joiner included

## TRACK 48V SURFACE SHORT Corner 90° One Plane



## T-Joint



## X-Joint



Electrical connection not included | Straight joiner included



## CONSTANT VOLTAGE LED POWER SUPPLY

|                            | P    | V   | D (A x B x C)   |
|----------------------------|------|-----|-----------------|
| <b>0434-01-61*</b>   N   W | 100W | 48V | 298 x 19 x 16mm |
| <b>0434-01-69*</b>   N   W | 250W | 48V | 268 x 22 x 44mm |
| <b>0434-01-62</b>          | 150W | 48V | 350 x 30 x 18mm |
| <b>0434-01-80</b>          | 250W | 48V | 400 x 40 x 22mm |

220  
240 V~ | \*To be installed inside the track.

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## DROP VOLTAGE TABLE

| POWER (W) | CABLE SECTION (mm²) | CABLE LENGTH (m) |    |    |    |
|-----------|---------------------|------------------|----|----|----|
|           |                     | 5                | 10 | 20 | 30 |
|           |                     | TRACK LENGTH (m) |    |    |    |
| 100       | 0,75                | 50               | 50 | X  | X  |
|           | 1,5                 | 50               | 50 | 40 | 25 |
| 150       | 0,75                | 40               | 15 | X  | X  |
|           | 1,5                 | 50               | 40 | 20 | X  |
| 250       | 0,75                | 20               | X  | X  | X  |
|           | 1,5                 | 35               | 20 | X  | X  |

### LED POWER SUPPLY

0434-01-61



### LED POWER SUPPLY

0434-01-69 \*\*



### LED POWER SUPPLY

0434-01-62



### LED POWER SUPPLY

0434-01-80



\*\*Not recommended for Track 48V Surface Short

## ALL 48V TRACK



Live-End Connector 48V

A338-00-01- | N | W |



Central Connector 48V

A338-00-02- | N | W |



L-Joint Connector 48V

A338-00-12- | N | W |



Corner 90° Connector One Plane 48V

A338-00-24- | N | W |

\*Not suitable for trimless version



T-Joint Connector 48V

A450-00-07- | N |



X-Joint Connector 48V

A450-00-08- | N |



Wireless Control 48V

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



Cover Gap 1m 48V

A338-00-30- | N | W |

## TRIMLESS 48V



Trimless T-Bracket 48V

A338-00-03



Trimless Clamp for M6 ROD 48V

A338-00-09

\*See accessories quantities



Trimless Long T-Bracket 48V

A338-00-04



Trimless Track Clamp 48V

A338-00-10

\*See accessories quantities



Trimless Straight Joiner 48V (2 Units)

A338-00-05- | N | WT |



Trimless Suspension Kit 48V

A338-00-08

\*See accessories quantities



Trimless Plaster Installation Guard 1m 48V

A338-00-21

\* SUGGESTED MOUNTING ACCESSORIES QUANTITIES

1000mm - 2 Pcs.

2000mm - 3 Pcs.

3000mm - 4 Pcs.

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

## TRIMLESS, SURFACE & SUSPENSION 48V



### End 48V

A338-00-06- | NT | WT |



### End feed 48V

A338-00-07- | NT | WT |

## SURFACE & SUSPENSION SHORT 48V



### Short End 48V

A338-00-18- | NT | WT |



### Short End feed 48V

A338-00-19- | NT | WT |

## SURFACE & SURFACE SHORT 48V



### Power Supply Case 48V

A338-00-29- | NT | WT | 150 W

220 V ~  
240



To be installed aside 48V Surface Tracks

INCL



### Surface Straight Joiner 48V

A338-00-11

## SUSPENSION & SUSPENSION SHORT 48V



### Wired Power Supply Case 48V

A338-00-25- | NT | WT | 150 W NO DIM

A338-00-26- | NT | WT | 150 W DIM

220 V ~  
240



INCL



### Suspension Kit 48V (2 units)

A338-00-15- | NT | WT |



### Suspension Feed Kit 48V

A338-00-16- | N | W | NO DIM

A338-00-17- | N | W | DIM

For remote power supply

A338-00-27- | N | W | NO DIM

A338-00-28- | N | W | DIM

For power supply inside the track

## WIRE TRIMLESS ACCESSORIES



### FEED

#### MAINS TRIMLESS\*

A023-00-01- | W | N | NO DIM

#### MAINS THICK TRIMLESS\*

A023-00-02- | W | N | DIM



### FASTENING

#### STEEL CABLE TRIMLESS\*

A023-00-05- | W | N |



MAINS TRIMLESS



MAINS THICK TRIMLESS



STEEL CABLE TRIMLESS



\* AS MANY PIECES AS NEEDED ACCORDING TO YOUR PRODUCT

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



Fuente de luz (LED) reemplazable por un profesional autorizado

Replaceable (LED only) light source by an authorized professional.

Source lumineuse (LED) remplaçable par un professionnel agréé

Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato

Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann



Equipo de control reemplazable por un profesional autorizado

Replaceable control gear by an authorized professional

Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

Auswechselbares Betriebsgerät durch autorisierten Fachmann

INSTRUCCIONES PARA EL FINAL DE VIDA Y LA ELIMINACIÓN LOS COMPONENTES  
INSTRUCTIONS ON END-OF-LIFE AND COMPONENT DISPOSAL  
INSTRUCTIONS POUR LA GESTION DES COMPOSANTS EN FIN DE VIE ET LEUR MISE AU REBUT  
ISTRUZIONI PER IL FINE VITA E LO SMALTIMENTO DEI COMPONENTI  
ANWEISUNGEN ZUR ENTSORGUNG DER LEUCHTENKOMPONENTEN



Interrumpir la alimentación del aparato  
Cut the power supply to the luminaire  
Couper l'alimentation du luminaire  
Interrompere l'alimentazione dell'apparecchio  
Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho  
Remove light source(s) for disposal  
Retirer la (les) source(s) lumineuse(s) pour l'élimination  
Rimuovere la/le sorgente/e di luce per lo smaltimento  
Lichtquelle(n) zur Entsorgung entfernen



Quitar la batería para el desecho  
Remove the battery for decommissioning  
Retirer la batterie pour sa mise au rebut  
Rimuovere la batteria per la dismissione  
Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho  
Remove control gear for disposal  
Retirer le dispositif de commande pour l'élimination  
Rimuovere l'alimentatore per lo smaltimento  
Betriebsgerät zur Entsorgung ausbauen

Enviar los materiales a un centro de recogida RAEE  
Send the materials to a WEEE collection centre  
Envoyer les matériaux dans une déchetterie DEEE  
Inviare i materiali ad un centro di raccolta RAEE  
Die Materialien in einem WEEE-Zentrum entsorgen

