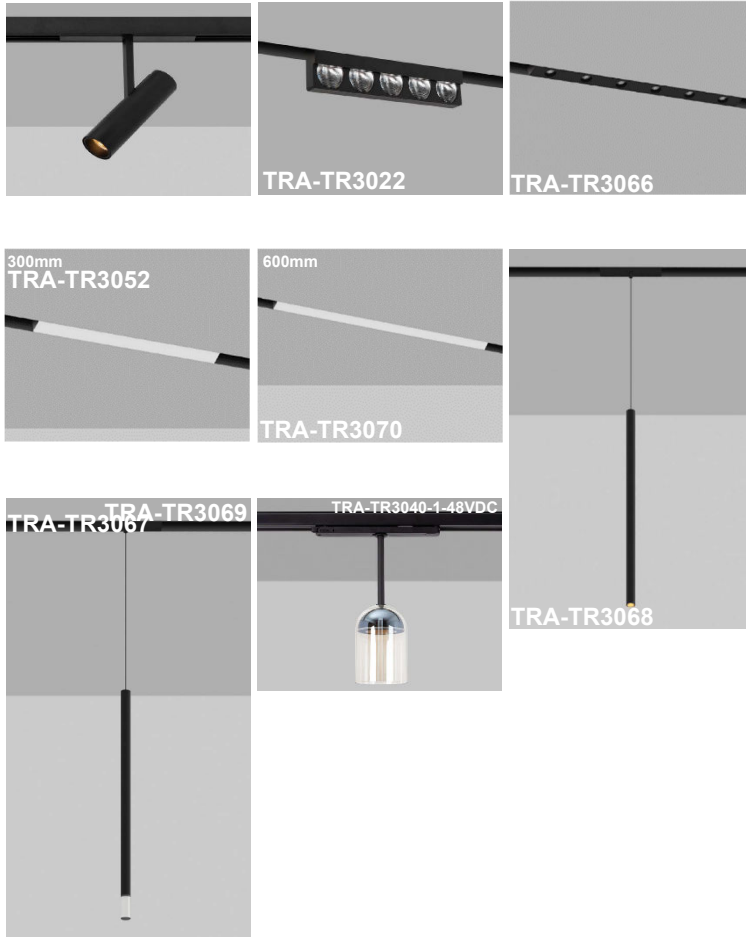


# LED LIGHTING

## CATALOGUE

VER. 01



## TRACK

**MINI 48VDC** series is a range of low voltage 48VDC magnet track light which integrate the DC LED driver technology. Easy installation, small size and high brightness which provide more flexibility in the interior design.

**Litesyn**  
*Your Luminaire craftsman*

## TRACK/SPOT LIGHT/ANTI-GLARE/SLIM SHAPE/48VDC MAGNET TRACK

**Model: TRA-TR3052**



### Feature:

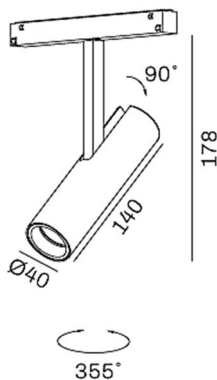
- Spot light, track light
- Low Voltage 48VDC magnet track.
- Compact design

### Technical data:

- |                          |                                   |
|--------------------------|-----------------------------------|
| ▪ Light source           | COB or others                     |
| ▪ LED Power (max)        | 12.6W (350mA, 36V)                |
| ▪ System Power (ref.)    | NA (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 1100lm                            |
| ▪ Colour temperature     | 2700K, 3000K, 4000K               |
| ▪ Colour rendering index | Ra≥90                             |
| ▪ MacAdam Step           | 3                                 |
| ▪ Beam Angle             | 20D, 30D, 40D Reflector           |
| ▪ Tilttable              | Yes                               |
| ▪ Ingress protection     | IP21                              |
| ▪ Operation temperature  | 0-40C                             |
| ▪ Protection Class       | III                               |
| ▪ LED Life time          | 50,000h L70B10                    |
| ▪ Finishing              | White/Black                       |
| ▪ Construction           | Aluminum                          |
| ▪ Installation           | Track DC 48V                      |
| ▪ Dimension              | 40mm(OD)x178mm(H)                 |
| ▪ LED Driver             | Build in track LED Driver         |
| ▪ Trimless               | NA                                |

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)



### Light Distribution For 3000K

medium 26°			wide 38°		
h(m)	E(lx)	ø(m)	h(m)	E(lx)	ø(m)
1	2478	ø0.47	1	1498	ø0.68
2	619.5	ø0.94	2	374.5	ø1.36
3	275.3	ø1.40	3	166.4	ø2.04
4	154.9	ø1.87	4	93.62	ø2.72
5	99.12	ø2.34	5	59.92	ø3.41

**\*\*The specification is subject to change without note.\*\***

## TRACK/BLADE WASHER/LOW GLARE/48VDC MAGNET TRACK

**Model: TRA-TR3022**



### Feature:

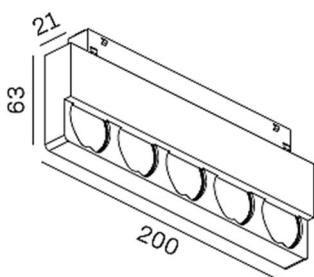
- Spot light, track light
- Low Voltage 48VDC magnet track.
- Blade washer with even washer effect

### Technical data:

- Light source High Power LED
- LED Power (max) 12.6W (700mA, 18V)
- System Power (ref.) NA (ref. only depends on the ECG)
- Lumen flux (typ.) 500lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 24D, 36D, 60D Reflector
- Tilttable No
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation Track DC 48V
- Dimension 200x63x21mm
- LED Driver Build in track LED Driver
- Trimless NA

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)



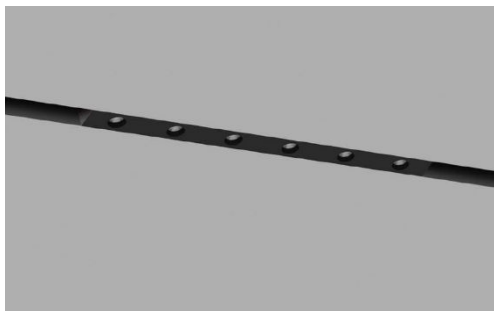
### Light Distribution For 3000K medium 37°

h(m)	E(lx)	ø(m)
1	1494	ø0.64
2	373.5	ø1.29
3	166.0	ø1.94
4	93.37	ø2.58
5	59.76	ø3.23

**\*\*The specification is subject to change without note.\*\***

## TRACK/MULTI SPOT/LOW GLARE/48VDC MAGNET TRACK

**Model: TRA-TR3066**



### Feature:

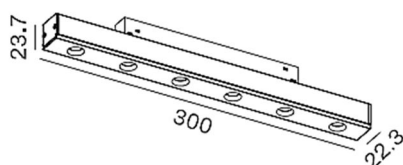
- Spot light, track light
- Low Voltage 48VDC MAGNET track.
- Multi-Spot with low glare

### Technical data:

- Light source High Power LED
- LED Power (max) 12.6W (700mA, 18V)
- System Power (ref.) NA (ref. only depends on the ECG)
- Lumen flux (typ.) 1000lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 15D, 38D Reflector
- Tilttable
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation Track DC 48V
- Dimension 300x22.3x23.7mm
- LED Driver Build in track LED Driver
- Trimless version NA

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)



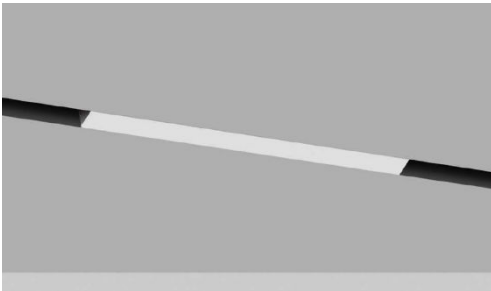
### Light Distribution For 3000K medium 38°

h(m)	E(lx)	ø(m)
1	2294	ø0.42
2	573.0	ø0.83
3	254.0	ø1.25
4	143.0	ø1.67
5	91.00	ø2.09

**\*\*The specification is subject to change without note.\*\***

## TRACK/ DIFFUSED LIGHT /48VDC MAGNET TRACK

**Model: TRA-TR3067**

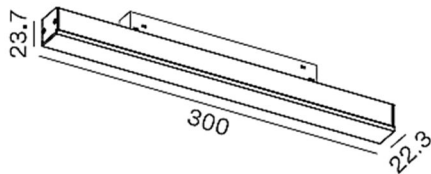


### Feature:

- Diffused Light, track light
- Low Voltage 48VDC MAGNET track.

### Technical data:

- |                          |                                   |
|--------------------------|-----------------------------------|
| ▪ Light source           | SMD LEDs                          |
| ▪ LED Power (max)        | 12.6W (350mA, 36V)                |
| ▪ System Power (ref.)    | NA (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 800lm                             |
| ▪ Colour temperature     | 2700K, 3000K, 4000K               |
| ▪ Colour rendering index | Ra $\geq$ 90                      |
| ▪ MacAdam Step           | 3                                 |
| ▪ Beam Angle             | FLOOD                             |
| ▪ Tilttable              | No                                |
| ▪ Ingress protection     | IP21                              |
| ▪ Operation temperature  | 0-40C                             |
| ▪ Protection Class       | III                               |
| ▪ LED Life time          | 50,000h L70B10                    |
| ▪ Finishing              | White/Black                       |
| ▪ Construction           | Aluminum                          |
| ▪ Installation           | Track DC 48V                      |
| ▪ Dimension              | 300x22.3x23.7mm                   |
| ▪ LED Driver             | Build in track LED driver         |
| ▪ Trimless version       | NA                                |



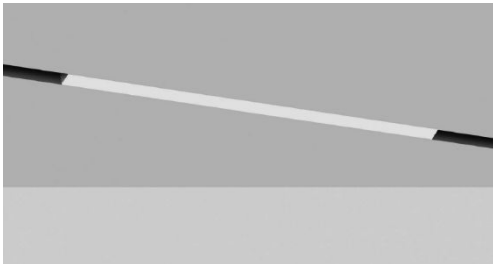
### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

**\*\*The specification is subject to change without note.\*\***

## TRACK/ DIFFUSED LIGHT/48VDC MAGNET TRACK

**Model: TRA-TR3070**



### Feature:

- Diffused Light, track light
- Low Voltage 48VDC MAGNET track.

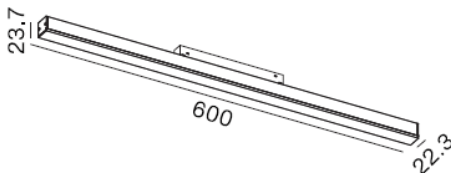
### Technical data:

- |                          |                                   |
|--------------------------|-----------------------------------|
| ▪ Light source           | SMD LEDs                          |
| ▪ LED Power (max)        | 25.2W (700mA, 36V)                |
| ▪ System Power (ref.)    | NA (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 1600lm                            |
| ▪ Colour temperature     | 2700K, 3000K, 4000K               |
| ▪ Colour rendering index | Ra $\geq$ 90                      |
| ▪ MacAdam Step           | 3                                 |
| ▪ Beam Angle             | FLOOD                             |
| ▪ Tilttable              | No                                |
| ▪ Ingress protection     | IP21                              |
| ▪ Operation temperature  | 0-40C                             |
| ▪ Protection Class       | III                               |
| ▪ LED Life time          | 50,000h L70B10                    |
| ▪ Finishing              | White/Black                       |
| ▪ Construction           | Aluminum                          |
| ▪ Installation           | Track DC48V                       |
| ▪ Dimension              | 600x22.3x23.7mm                   |
| ▪ LED Driver             | Build I track LED driver          |
| ▪ Trimless version       | NA                                |

### Electronic control gear

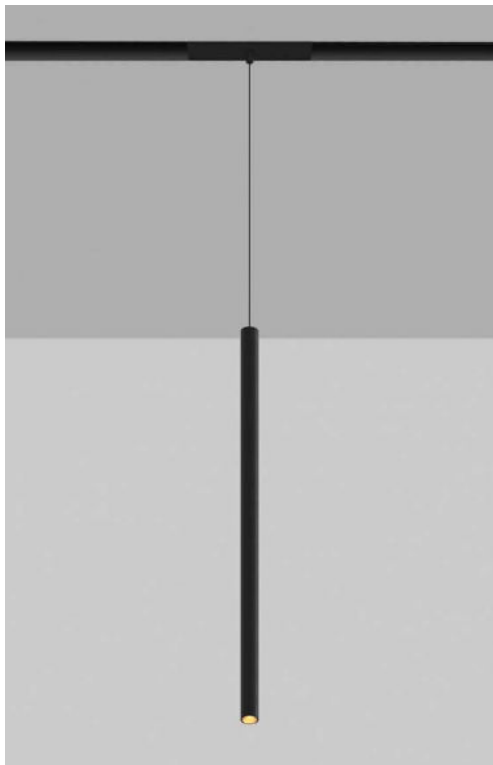
Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

**\*\*The specification is subject to change without note.\*\***



## TRACK/PANDENT/48VDC MAGNET TRACK/MINI SPOT

**Model: TRA-TR3068**



### Feature:

- Slim body 20mm diameter
- Low Voltage 48VDC MAGNET track.
- Single 2W small spot light

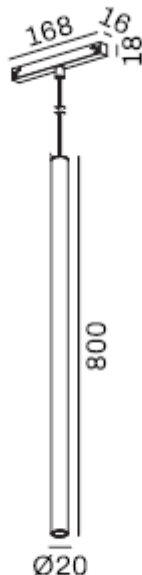
### Technical data:

- |                          |                                   |
|--------------------------|-----------------------------------|
| ▪ Light source           | High Power LED                    |
| ▪ LED Power (max)        | 2.1W (700mA, 3V)                  |
| ▪ System Power (ref.)    | NA (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 150lm                             |
| ▪ Colour temperature     | 2700K, 3000K, 4000K               |
| ▪ Colour rendering index | Ra $\geq$ 90                      |
| ▪ MacAdam Step           | 3                                 |
| ▪ Beam Angle             | 20D, 30D, 50D Lens                |
| ▪ Tilttable              | No                                |
| ▪ Ingress protection     | IP21                              |
| ▪ Operation temperature  | 0-40C                             |
| ▪ Protection Class       | III                               |
| ▪ LED Life time          | 50,000h L70B10                    |
| ▪ Finishing              | White/Black                       |
| ▪ Construction           | Aluminum                          |
| ▪ Installation           | Track DC 48V                      |
| ▪ Dimension              | 20mm(OD) x 800mm(H)               |
| ▪ LED Driver             | Build in track LED Driver         |
| ▪ Trimless version       | NA                                |

### Electronic control gear

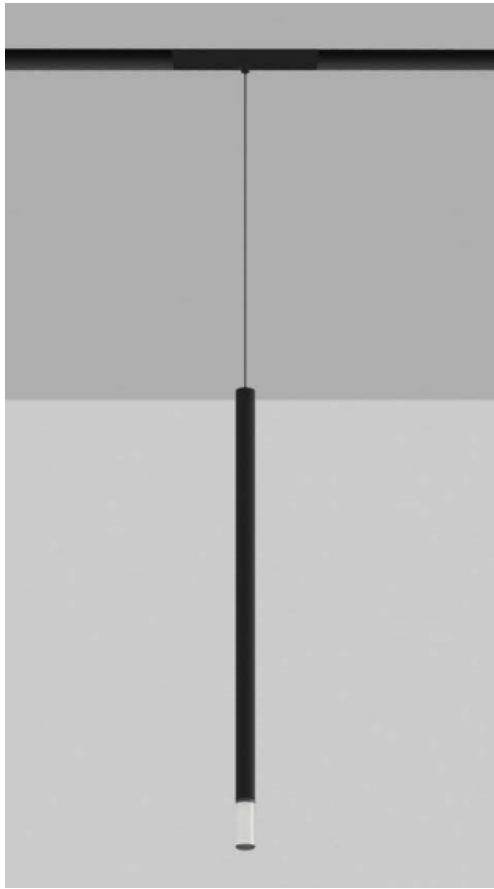
Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

**\*\*The specification is subject to change without note.\*\***



## TRACK/SLIM BODY/ACRYLIC CRYSTAL DROP/48VDC MAGNET TRACK

**Model: TRA-TR3069**



### Feature:

- Slim body 20mm diameter with 60mm acrylic crystal drop
- Low Voltage 48VDC MAGNET track.
- 2W LED power

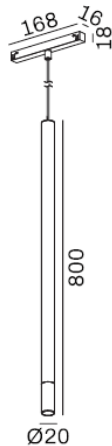
### Technical data:

- |                          |                                   |
|--------------------------|-----------------------------------|
| ▪ Light source           | High Power LED                    |
| ▪ LED Power (max)        | 2.1W (700mA, 3V)                  |
| ▪ System Power (ref.)    | NA (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 120lm                             |
| ▪ Colour temperature     | 2700K, 3000K, 4000K               |
| ▪ Colour rendering index | Ra $\geq$ 90                      |
| ▪ MacAdam Step           | 3                                 |
| ▪ Beam Angle             | WIDE                              |
| ▪ Tilttable              | No                                |
| ▪ Ingress protection     | IP21                              |
| ▪ Operation temperature  | 0-40C                             |
| ▪ Protection Class       | III                               |
| ▪ LED Life time          | 50,000h L70B10                    |
| ▪ Finishing              | White/Black                       |
| ▪ Construction           | Aluminum                          |
| ▪ Installation           | Track DC 48V                      |
| ▪ Dimension              | 20mm(OD)x800mm(H)                 |
| ▪ LED Driver             | Build in track LED driver         |
| ▪ Trimless version       | NA                                |

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

**\*\*The specification is subject to change without note.\*\***





## TRACK/DOME GLASS SHIELD/ANTI-GLARE

**Model: TRA-TR3040-1-48VDC**



### Feature:

- Dome shape glass shield
- 220Vac or 48D track build in track LED driver available

### Technical data:

- |                          |                                   |
|--------------------------|-----------------------------------|
| ▪ Light source           | COB or others                     |
| ▪ LED Power (max)        | 12.6W (350mA, 36V)                |
| ▪ System Power (ref.)    | NA (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 900lm                             |
| ▪ Colour temperature     | 2700K, 3000K, 4000K               |
| ▪ Colour rendering index | Ra $\geq$ 90                      |
| ▪ MacAdam Step           | 3                                 |
| ▪ Beam Angle             | 24D, 36D, 60D Reflector           |
| ▪ Tilttable              | No                                |
| ▪ Ingress protection     | IP21                              |
| ▪ Operation temperature  | 0-40C                             |
| ▪ Protection Class       | III                               |
| ▪ LED Life time          | 50,000h L70B10                    |
| ▪ Finishing              | White/Black                       |
| ▪ Construction           | Aluminum                          |
| ▪ Installation           | Track DC 48V                      |
| ▪ Dimension              | 100mm(OD)x330mm(H)                |
| ▪ LED Driver             | Build in track LED driver         |
| ▪ Trimless version       | NA                                |

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

**\*\*The specification is subject to change without note.\*\***

