

TRACK ADAPTER DRIVER / ON-OFF

ARVIK TRACK 28

Technical model: AR-28-750-TR-A-4



POWER

28.5 W

OUTPUT VOLTAGE

10-40 VDC*

OUTPUT CURRENT

100-750 mA

CONTROL

ON-OFF

KEY FEATURES

- Isolated
- Flicker-free
- DIP current setting
- 5-year warranty

Efficiency	up to 88%
Dimensions	123.1 x 31.1 x 42.2 mm
Installation	Track adapter
Protection	IP20 / Class II
Input	220-240 VAC / 50-60 Hz

Technical specifications apply to the stated ARVIK model. Before implementation, confirm the selected variant, operating conditions and document revision.

* At 750 mA, the output-voltage range is 10-38 VDC.

PRODUCT DATASHEET

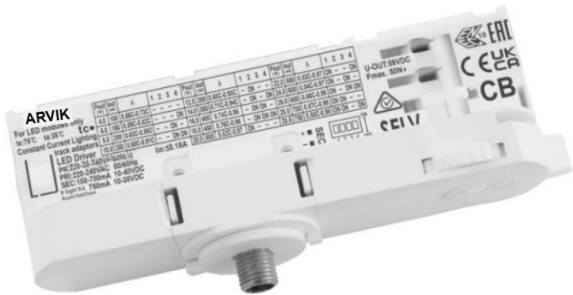
AR-28-750-TR-A-4

ARVIK | TECHNICAL DOCUMENTATION



Feature

- Isolation
- Flick free
- Complete protections: OSP / OVP /OPP
- Standby power consumption < 0.5W
- It can be used for lighting equipment in protection class I
- 5 year warranty



Model	Output Current	Input Current	Input Power	Output Power Range	PF	Efficiency Typical	Output Voltage	No load Voltage
AR-28-750-TR-A-4	100mA	0.05A	4.76W	1.00-4.00W	0.51-0.73	84.0%	10-40V	59Vdc
	150mA	0.06A	7.05W	1.50-6.00W	0.59-0.82	85.0%	10-40V	
	200mA	0.07A	9.41W	2.00-8.00W	0.63-0.88	85.0%	10-40V	
	250mA	0.08A	11.62W	2.50-10.00W	0.65-0.91	86.0%	10-40V	
	300mA	0.09A	13.79W	3.00-12.00W	0.68-0.93	87.0%	10-40V	
	350mA	0.10A	16.09W	3.50-14.00W	0.71-0.94	87.0%	10-40V	
	400mA	0.11A	18.18W	4.00-16.00W	0.74-0.95	88.0%	10-40V	
	450mA	0.12A	20.45W	4.50-18.00W	0.76-0.96	88.0%	10-40V	
	500mA	0.13A	22.72W	5.00-20.00W	0.79-0.97	88.0%	10-40V	
	550mA	0.14A	25.00W	5.50-22.00W	0.78-0.97	88.0%	10-40V	
	600mA	0.15A	27.27W	6.00-24.00W	0.84-0.97	88.0%	10-40V	
	650mA	0.16A	29.54W	6.50-26.00W	0.86-0.98	88.0%	10-40V	
	700mA	0.17A	31.81W	7.00-28.00W	0.87-0.98	88.0%	10-40V	
	750mA	0.18A	32.57W	7.50-28.50W	0.88-0.98	87.5%	10-38 V	

* Test result @230V, 50Hz, Full Load.

1. Parameters

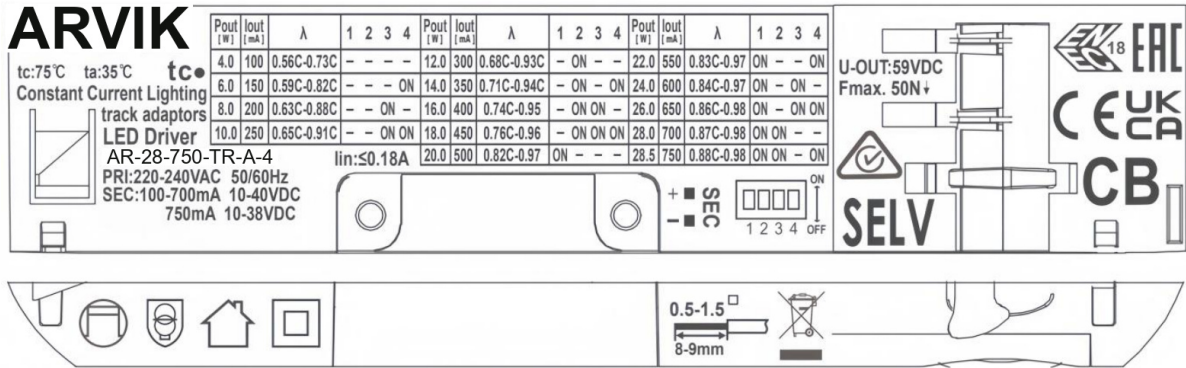
Category	Item	Technical Norm
Features	Output Type	Constant Current
	Output Features	Isolation
	IP Grade	IP20
	Insulation Class	Class II
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Frequency	50/60Hz
	Overvoltage protection	2h@380VAC, 48h@320VAC
	Input Current	≤0.18A max
	Input Power	≤32.57W max
	Power Factor	≥0.98 (230VAC, full load)
	THD	≤20% (230VAC, full load)
	No-load Power Consumption	≤0.5W @230VAC
	Inrush Current	≤8.5A/16us (230VAC, full load)
	Connected quantity of 10A Breaker	22pcs/type A ;36pcs/type B ;58pcs/type C@230Vac
	Connected quantity of 13A Breaker	29pcs/type A ;47pcs/type B ;76pcs/type C@230Vac
Output	Connected quantity of 16A Breaker	36pcs/type A ;58pcs/type B ;94pcs/type C@230Vac
	Connected quantity of 20A Breaker	45pcs/type A ;73pcs/type B ;117pcs/type C@230Vac
	Output Voltage Range	10-40VDC@100-700mA ; 10-38VDC@750mA
	Output Current	100mA-750mA (Max.output) , Factory set current of 100mA
	Efficiency	≥88% (230VAC, full load)
	Max. Output Power:	59VDC Max
	LF Current Ripple (< 120 Hz)	±3% (Imax-Imin)/(Imax+Imin) MAX
	Current Accuracy	±5%
	Started Delay Time	≤0.5S (230VAC, full load)
	PstLM	≤1
Protection	SVM	≤0.4
	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
	Insulation voltage	3000V 5mA 60S between P-S
	Insulation resistance	>100M ohm @ 500VDC
Environment	Leakage current	< 250μA, I/P to O/P @230V input
	Ta/Operation Temperature	-25....+35℃
	Ts/Storage Temperature	-25....+75℃
	Tc/Enclosure Temperature	75℃
	Humidity	10%....90%RH
Construction	Atmosphere	86-108KPa
	Connection Method	Push-in Terminal
	Installation	Independent
	SEC Wire preparation	0.5-1.5□

	Dimension	123.1*31.1 *42.2mm (L*W*H)
Standards	Certification	CE
	Safety Standards	EN61347-1:2015/A1:2021; EN61347-2-13:2014/A1:2017;
	EMC Standards	AS/NZS CISPR 15:2011; AS CISPR 15:2017 ;BS EN IEC 55015:2019+A11:2020; EN 61547:2009; BS EN IEC 61000-3-2:2019; BS EN 61000-3-3:2013+A1:2019;
	Performance	EN62384
	Surge	L-N:1kV
	RoHS	complied to 2011/65/EU
Others	Life Time	50000h Tc=75℃
		75000h Tc=70℃
		100000h Tc=65℃
	Warranty	5years , F.R. < 10000ppm
Remark: 1.All Parameters, if not specified, are measured at 230VAC/50Hz and 25℃ ambient temperature. 2.LED Driver is a component of the luminaires, Luminaires and wire layout will affect the EMC, please check the EMC with end products again.		

2. Output Current Setting

Output Current	1	2	3	4
100mA	-	-	-	-
150mA	-	-	-	ON
200mA	-	-	ON	-
250mA	-	-	ON	ON
300mA	-	ON	-	-
350mA	-	ON	-	ON
400mA	-	ON	ON	-
450mA	-	ON	ON	ON
500mA	ON	-	-	-
550mA	ON	-	-	ON
600mA	ON	-	ON	-
650mA	ON	-	ON	ON
700mA	ON	ON	-	-
750mA	ON	ON	-	ON

3. Label

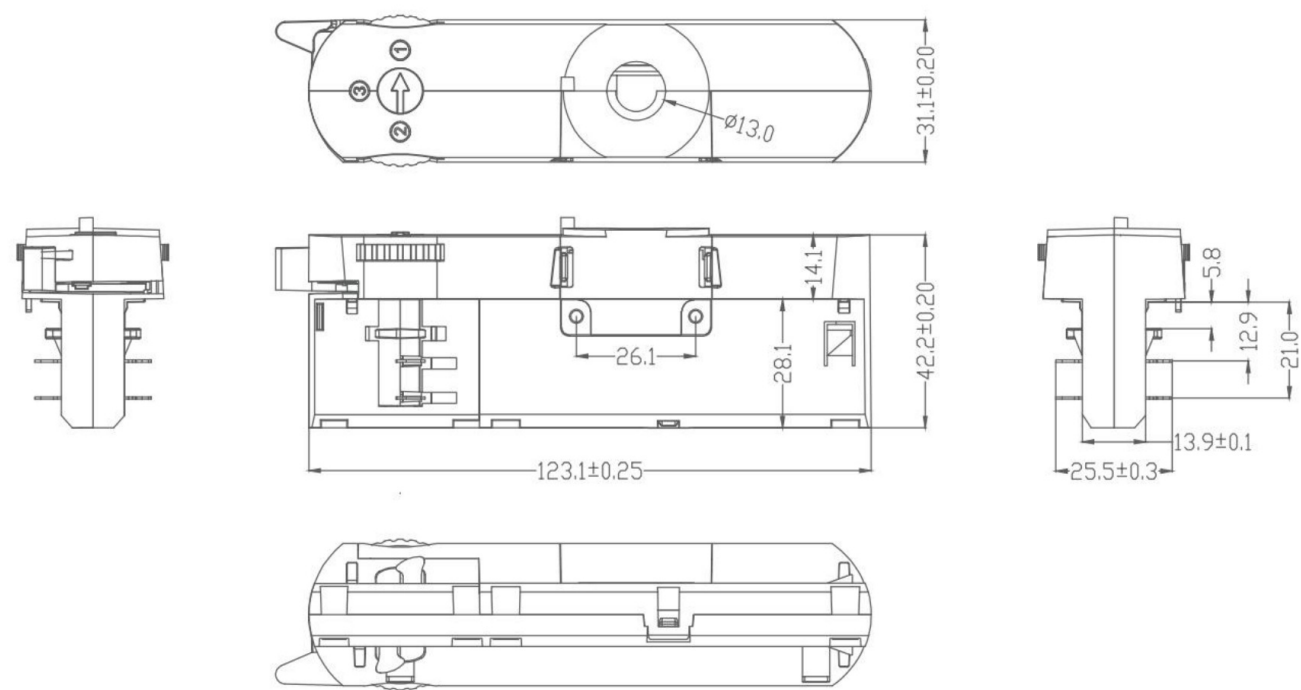


4. Electrical values

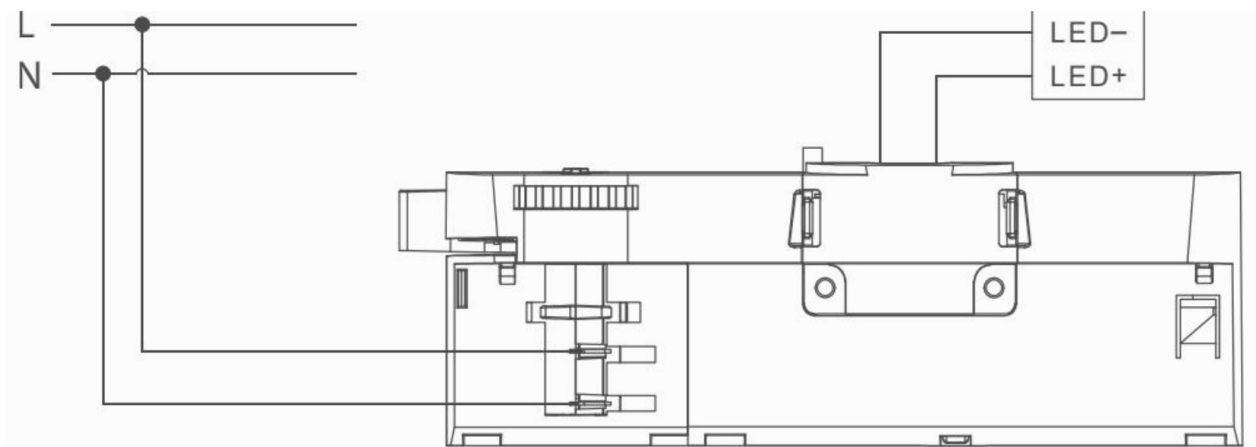
Operating power windows Power Window Output voltage (Vdc) Output current (mA)	Efficiency v.s. Load TBD
PF v.s. Load TBD	THD v.s. Load TBD
Life time	Derating

TBD	TBD
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5. Dimension (Unit: mm)



6. Wiring Diagram



7. Packing information

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
T.B.D	T.B.D	T.B.D	T.B.D	T.B.D

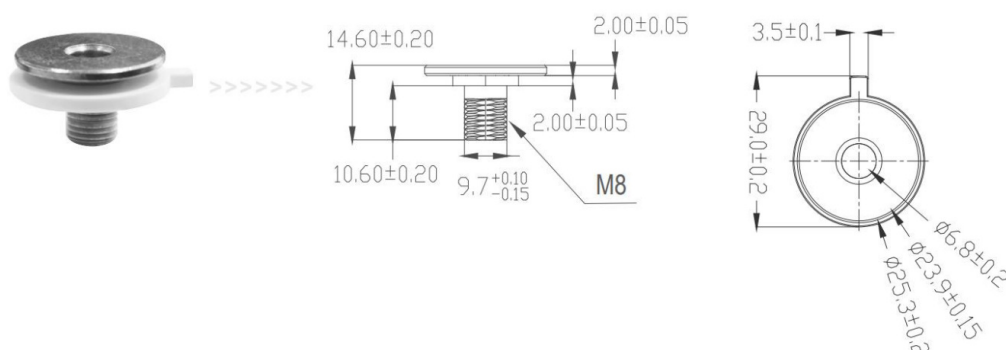
***The details shall be subject to the shipping package.**

8. Lamp Screw Type

- Optional threaded sleeve for luminaire mounting
- Suitable for M10x1x8 threaded nut
- aluminium, black, white
- further on request

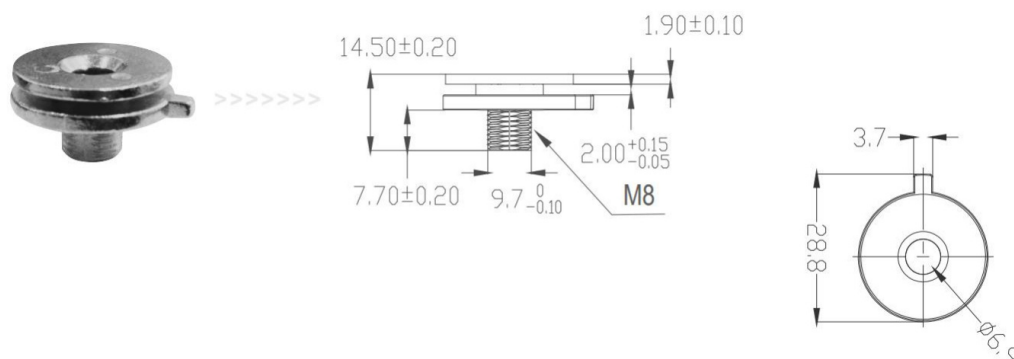
Ordering data 1

M10X1X8 (White)



Ordering data 1

M10X1X8 (Primary color)



9. Suitable for following tracks

Serial number	Brand	Track model
1	Global	XTS 4&XTSF 4
2	Stucchi	9000XX Series
3	Eutrac	2510x
4	Unipro	T32B
5	Lvela	7501

10. Wiring instructions

- All connections must be kept as short as possible to ensure good EMI behaviour
- Mains leads should be kept apart from LED Driver and other leads (ideally 5 – 10 cm distance)
- Advice the maximum length of output wires is 3 m
- Secondary switching is not permitted (Except for constant voltage)
- Incorrect wiring can damage LED modules.
- The wiring must be protected against short circuits to earth (sharp edged metals parts, metal cable clips, louver, etc)

11. REVISION HISTORY

DATE	VER	REMARK
2025-07-04	V1.0	Initial release.