

## CASAMBI 30W Track Driver RGBCW

RGBCW Dim 3 phase 4 wire Constant Current LED Driver

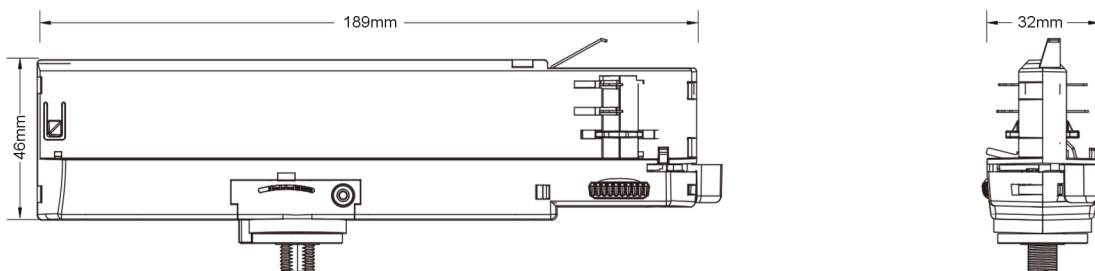


### Features

- Built-in Track Adaptor
- 100% output when no dimming signal input
- Built-in Track Adaptor
- Dimming effect smooth, no flicker
- Power Factor Corrected (>0.9)
- Compatible with Brand Tracks, refer to data sheet page 3
- Temperature protection as per EN 61347-2-13 C5e
- Output current CW300mA RGB150mA
- Over-temperature protection
- Over-load protection
- Short-circuit protection
- No-load protection
- Surge protection voltage 1000 V (L to N)
- Casing color: Black / White / Grey



### Size



length	189 mm
width	32 mm
height	46 mm
Geometry (l x w x h)	189 x 32 x 46mm
Package size	59 x 25 x 21cm
Quantity	50pcs/ box



### Product data

#### Electrical parameters

Nominal Input Voltage	220 – 240V <sup>AC</sup>
Line Current, nominal	0.18A MAX.
Mains Frequency	50/60 Hz
Rated Power factor	> 0.9 (full load) @ 230V
Power Loss in no load condition	< 0.5W
Protection Class	II
Output Current	CW300mA RGB150mA
Output voltage	8–40V <sup>DC</sup>
(Remark)	Maximum < 47V <sup>DC</sup>
Output Power	Maximum 30W
Output Channel	1 CH / 2 CH
No-load proof	Yes
Short circuit protection	Automatic, reversible
Overload protection	Automatic, reversible
Over temperature protection	Automatic, reversible
Ambient temperature range, t <sup>a</sup>	-20 °C to +35 °C
Max. case temperature at t <sup>c</sup> point	85 °C
Dimming Type	RGBCW
ECG Lifetime (Remark)	50,000h or 5 years Fail rate < 3‰ at use of Under normal conditions
Cable cross section input side & output side	0.5-2.5mm
(Remark)	Solid and flexible
Wire preparation length Input side & output side	7-8 mm
Safety Standard	IEC 61347-1:2015 ; IEC 61347-1:2015/AMD1:2017 ; IEC 61347-2-13:2014 ; IEC 61347-2-13:2014/AMD1:2016
Radio interference EMC Launch EMC immunity	EN IEC 55015:2019 ; EN IEC 55015:2019/A11:2020 EN 61547:2009 ; EN IEC 61000-3-2:2019/A1:2021 EN 61000-3-3:2013/A2:2021
Surge capability	L-N:1000V
Galvanic isolation primary/secondary	3.75 kVrms SELV-equivalent

#### Wiring guidelines

- All connections must be kept as short as possible to ensure good EMI behaviour
- Max. length of output wires is 20 cm
- Secondary switching is not permitted
- Incorrect wiring can damage LED Driver
- It is not allowed to exceed the max ambient temperature (ta) stated on the device
- To avoid the damage of the Driver, the wiring must be protected against short circuits to earth (sharp edged metal parts, metal cable clips, louver, etc.)



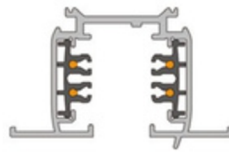
Phase Track Brand (for reference only)



NORLUX



NORDIC



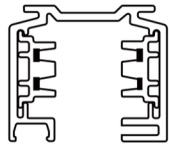
POWERGEAR



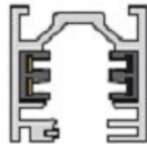
GLOBAL



NUCO



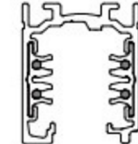
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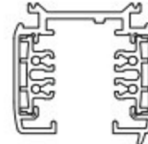
STAFF



ERCO



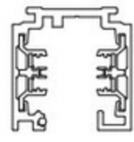
ONETRACK



SG SHOPLINE



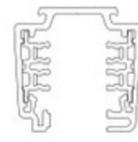
NL POWER



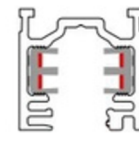
HOFFMEISTER



CONCORD



UNIPRO

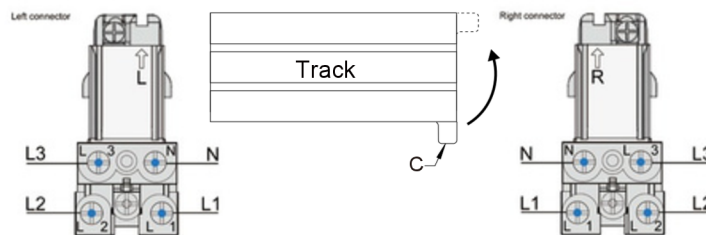
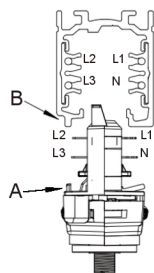


ZUMTOBEL

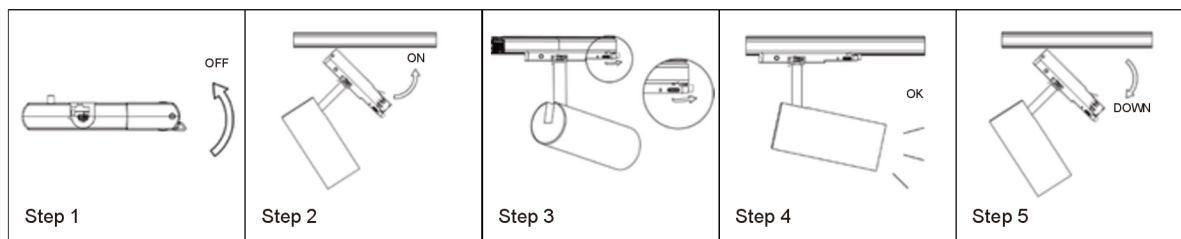
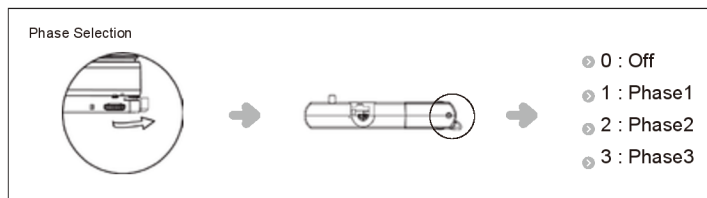
Installation Diagram

- Max. allowed weight of complete luminaire: 5 kg (50 N). It is valid for horizontal mounting of track system only
- The mechanical key (A) in the adaptor matches the groove (B) in the track. Rotate of about 90° the lever of the cam (C) until it reaches the locking position
- To open rotate the lever the opposite direction

Insert the adapter into the track



Mounting luminaire



### Product data

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#### Model List

Model	Input Voltage(V)	Output current(mA)	Output Voltage(V)	PF	Efficiency	Flicker	Size(L x W x H)
30W	220-240V	CW300 RGB150	8-40V	>0.9	85%	Flicker-Free	189 x 32 x 46mm

