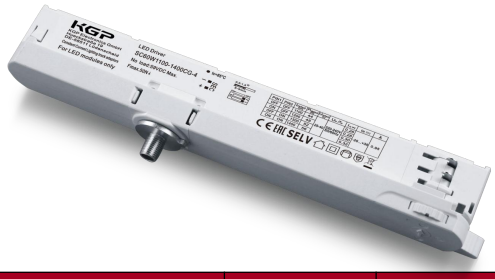
SC60W1100-1400CG-4



Constant Current Driver

Model:SC60W1100-1400CG-4

Model	Output Current	Input Current	Input Power	Output Power Range	PF	Efficiency	Output Voltage	No load Voltage
SC60W1100-1400CG-4	1100mA	0.26A	51.16W	27.50-44.00W	0.95	86%	25-40V	59V
	1200mA	0.28A	55.2W	30.00-48.00W	0.95	87%	25-40V	59V
	1300mA	0.30A	59.77W	32.50-52.00W	0.96	87%	25-40V	59V
	1400mA	0.32A	64.37W	35.00-56.00W	0.97	87%	25-40V	59V

*** 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	176-264VAC or 176-280VDC
	Frequency	50/60Hz
	Input Current	≤0.38A (230VAC，full load)
	Input Power	≤64.5W (230VAC，full load)
	Power Factor	≥0.95 (230VAC，full load)
	THD	≤20% (230VAC，full load)
	No-load Power Consumption	≤0.5W @230VAC
	Inrush Current	≤18A/2.8us (230VAC，full load)
	Connected quantity of 10A Breaker Connected quantity of 16A Breaker Connected quantity of 20A Breaker	11pcs/type A ;17pcs/type B ;28pcs/type C@ 230Vac 18pcs/type A;27pcs/type B ;44pcs/type C@ 230Vac 22pcs/type A;33pcs/type B ;55pcs/type C@ 230Vac
Output	Output Voltage Range	25-40VDC
	No Load Voltage	59VDC Max.
	Output Current	1100-1400mA (Max. output)
	Max. Output Power	56W
	Efficiency	≥87% (230VAC，full load)
	Current Ripple(< 120 Hz)	±5% (Imax-Imin)/(Imax+Imin)
	PstLM	≤1
	SVM	≤0.4
	Current Accuracy	±5%
	Started Delay Time	≤0.5S (230VAC，full load)

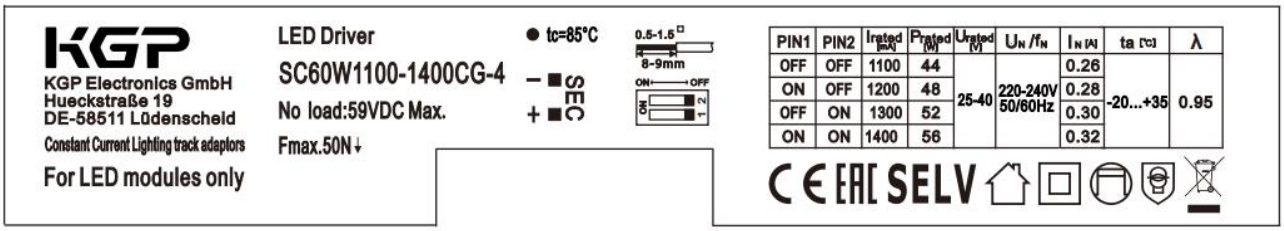
KGP Electronics GmbH
Hueckstraße 19
DE-58511 Lüdenscheid

Protection	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
	Leakage current	< 250μA, I/P to O/P or I/P to PE @230V input
Environment	Ta/Operation Temperature	-20….+35℃
	Ts/Storage Temperature	-40….+85℃
	Tc/Enclosure Temperature	85℃
	Humidity	10%....90%RH
	Atmospheric pressure	86-108KPa
Construction	Connection Method	Push-in Terminal
	Installation	Independent
	PRI Wire preparation	0.75-1.5□
	SEC Wire preparation	0.5-1.5□
	Dimension	250 x 31 x 45mm (L*W*H)
Standards	Certification	complied to CE
	Safety Standards	EN 61347-1:2015/A1:2021, EN 61347-2-13:2014/A1:2017,EN 62493:2015
	EMC Standards	EN IEC 55015:2019,EN IEC 55015:2019/A11:2020, EN 61547:2009,EN IEC 61000-3-2:2019, EN 61547:2009,EN IEC 61000-3-3:2013/A1:2019
	Performance	EN 62384:2006/A1:2009
	Surge	L-N/2KV
Others	RoHS	complied to 2011/65/EU
	Life Time	50000h @Ta/ Tc
	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.		

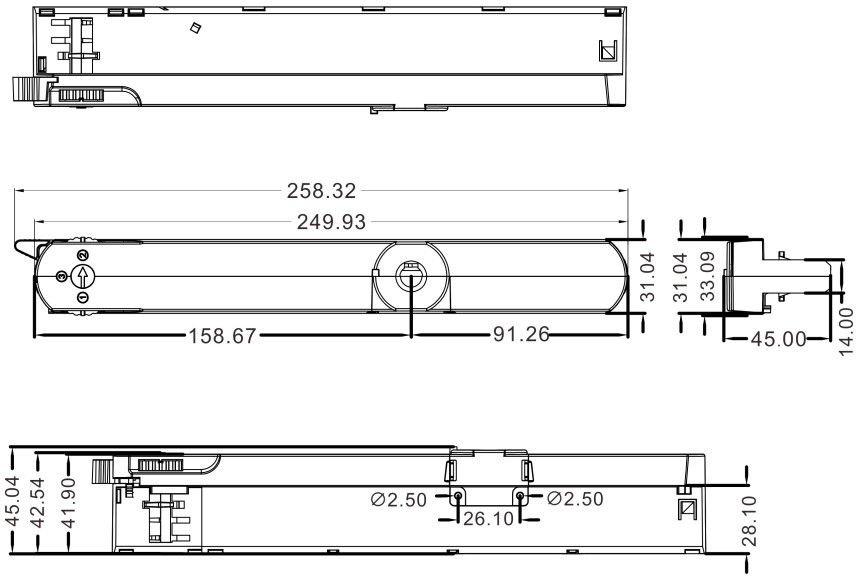
2. Output Current Setting

Output Current	1	2
1100mA	OFF	OFF
1200mA	ON	OFF
1300mA	OFF	ON
1400mA	ON	ON

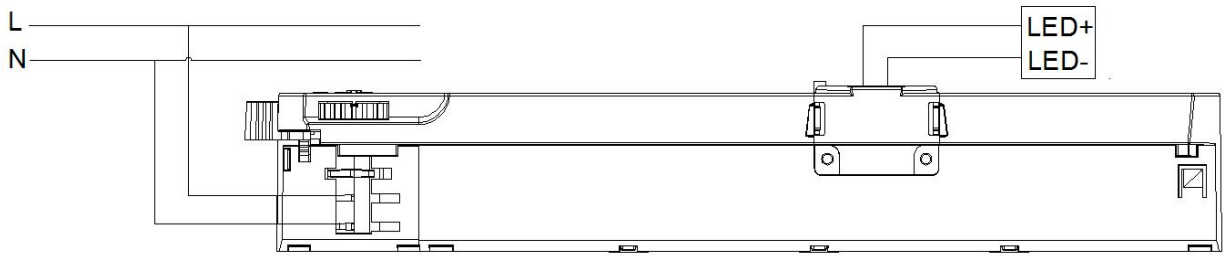
3. Label



4. Dimension



5. Wiring Diagram



6. Packing information

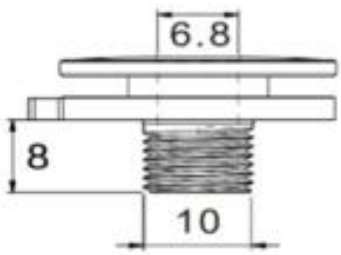
Packing way	Model	Article number	Colour	Carton L*W*H(mm)	Pcs/ Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight/ Carton(kg)
industrial	SC60W1100-1400CG-4W	121601W	White	515*274*370	90	156	14.04	15.2
	SC60W1100-1400CG-4B	121601B	Black					
	SC60W1100-1400CG-4G	121601G	Grey					

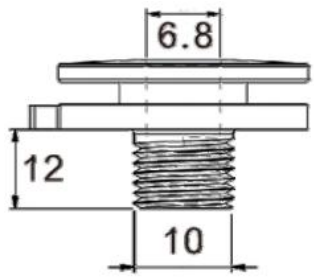
7. Lamp Screw Type

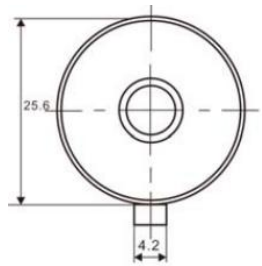
- Optional threaded sleeve for luminaire mounting
- Suitable for M10x1x8 threaded nut
- Additional mounting equipment,e.g.M10x1x12
- aluminium, black, white
- further on request

Ordering data

Type	Colour	Article number	Qty/ctn	Weight/pcs
M10x1x8	White	AC094306	500	0.016
	Black	AC094307	500	0.016
	Aluminium	AC094310	500	0.016
M10x1x12	White	AC094308	500	0.017
	Black	AC094309	500	0.017
	Aluminium	AC094305	500	0.017







8. Suitable for following tracks

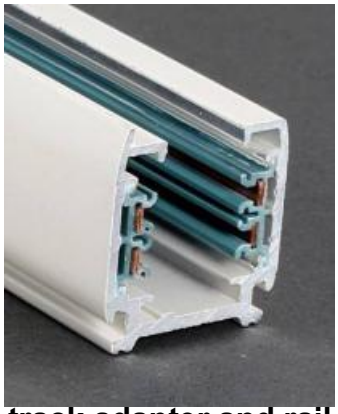
Serial number	Brand	Track model	System
1	Global	XTS 4 & XTSF 4	3P
2	Stucchi	9000XX Series	3P
3	Eutrac	2510x	3P
4	Unipro	T32B	3P
5	Ivela	7501	3P

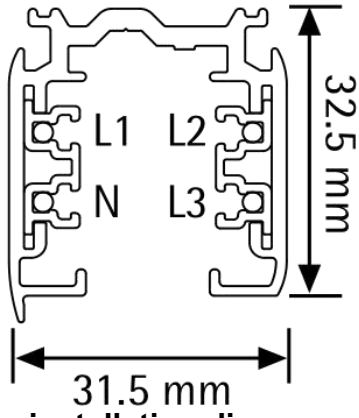
Remark:

1. The model name is XTS 4 and XTSF 4 tracks, and its brand is Global.
2. The model name used is the 9000XX track, and its brand is Stucchi. The “XX” in the model name represents: it represents a different color.
3. The model name is 2510x tracks, and its brand is Eutrac. The “x” in the model name represents: it represents a different color (x=1 white; x=2 black; x=3 silver, x=8 grey).
4. The model name is T32B tracks, and its brand is Unipro.
5. The model name is 7501 tracks, and its brand is Ivela.

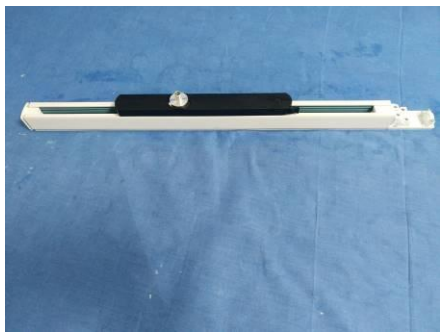
KGP Electronics GmbH
Hueckstraße 19
DE-58511 Lüdenscheid

9. Phase track light rail specification:





10. Lighting track adapter and rail system installation diagram:



The adaptor shall be given that the use is limited to the track system specified.

11. 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.)