Datasheet

STERNA

The STERNA is a one of its kind lighting solution that has been especially designed for cage systems. Thanks to its coated surfaces, the STERNA is able to realise higher animal comfort.
A solid long-term investment.

Specifications

Operating voltage:	48VDC
Light source:	LED
Dimmer type:	HATO 48VDC power supply
Flicker-free:	Yes
Dim range:	0 – 100%
CRI:	>80
Expected average lifetime*:	50.000h
Operating temperature:	-10°C (14°F) < Ta < +40°C (104°F)
Storage temperature:	-25°C (-13°F) <Ta< +80°C (176°F)
Net weight:	230 gr / 0.5 lbs
Base material:	ABS
Cover/tube material:	Impact resistant PMMA
IP:	67
Warranty:	8 Years**
Application:	H-cage housing

Barcode:	Power consumption:	Light output:	Efficacy:	Light colour:	Made in:	Energy label
7429	7.1W	940lm	132lm/W	3000K	China	E
7703	7.1W	940lm	132lm/W	4000K	China	E

* Lifetime definition & measurement available upon request

** Ask your sales representative for the product specific warranty terms and conditions.

HATO est. 1974
agricultural lighting

HATO BV
Handelsstraat 31, NL-6135 KK Sittard www.hato.lighting info@hato.lighting

Latest version
Scan or Click

Datasheet

STERNA

Accessories

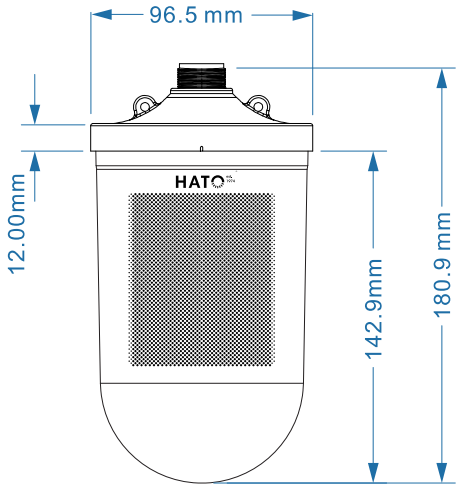
T-connector
(+ integrated cable)

Dir-Connector

Junction Box

Standard cable length options: 4, 150 or 250 cm.
Other lengths upon request.

Dimensions



Packaging information

Box size (LxHxW):	61,5 x 50,5 x 34
Box netto weight:	10Kg
Number of units per box:	30 pcs

HATO est. 1974
agricultural lighting

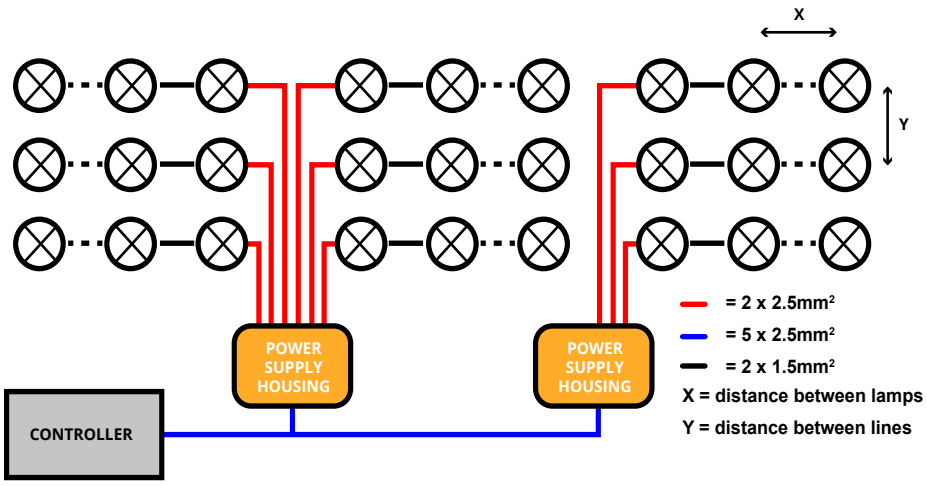
HATO BV
Handelsstraat 31, NL-6135 KK Sittard www.hato.lighting info@hato.lighting

Latest version
Scan or Click

Datasheet

STERNA

Installation example



Installation according to IEC/CE with Smart E-Fuse 6A in HATO PACK*

			Max length of connection cable		
Cable	**Distance (x) between lights**	**Lights in a row**	**2 x 2.5mm²**	**2 x 4mm²**	**2 x 6mm²**
2 x 1.5mm²	2.4m / 7.8ft	23	23m / 75.5ft	37m / 121.4ft	55m / 180.4ft
	3.6m / 11.8ft	19	28m / 91.9ft	44m / 144.4ft	66m / 216.5ft
	4.8m / 15.7ft	17	31m / 101.7ft	50m / 164.0ft	75m / 246.1ft
2 x 2.5mm²	2.4m / 7.8ft	29	18m / 59.1ft	29m / 95.1ft	44m / 144.4ft
	3.6m / 11.8ft	24	22m / 72.2ft	35m / 114.8ft	53m / 173.9ft
	4.8m / 15.7ft	21	25m / 82.0ft	40m / 131.2ft	60m / 196.9ft

Installation according to UL/CSA with Smart E-Fuse 2A in HATO PACK*

			Max length of connection cable		
Cable	**Distance (x) between lights**	**Lights in a row**	**2 x 14AWG**	**2 x 12AWG**	**2 x 10AWG**
2 x 14AWG	2.4m / 7.8ft	14	28m / 91.9ft	45m / 147.6ft	72m / 236.2ft
	3.6m / 11.8ft	14	29m / 95.1ft	46m / 150.9ft	73m / 239.5ft
	4.8m / 15.7ft	14	29m / 95.1ft	46m / 150.9ft	73m / 239.5ft

* Specifications are subject to change without prior notice.

For lines not connected to a POWER PACK with Smart E-Fuse, number of lamps in a line can vary.

Please ask your sales representative in case of doubt.

HATO est. 1974
agricultural lighting

HATO BV
Handelsstraat 31, NL-6135 KK Sittard www.hato.lighting info@hato.lighting

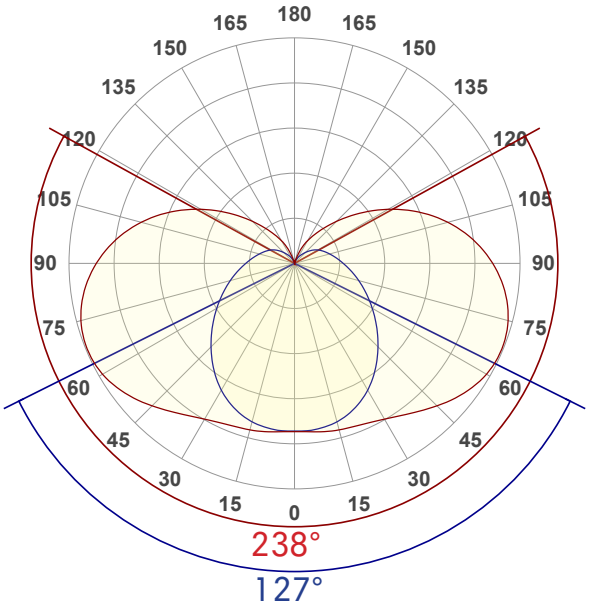
Latest version

Scan or Click

Datasheet

STERNA

Light Spread



Markings

IP67 *

Always use HATO Power Pack with Smart E-fuse.

Select the right HATO Power Pack type depending on local requirements.

* Protection test against penetration of water IPX7

(protected against temporary immersion in water up to 1 meter, for 30 minutes)

In case of discrepancy, the English version shall prevail

HATO est. 1974
agricultural lighting

HATO BV
Handelsstraat 31, NL-6135 KK Sittard www.hato.lighting info@hato.lighting

Latest version

Scan or Click