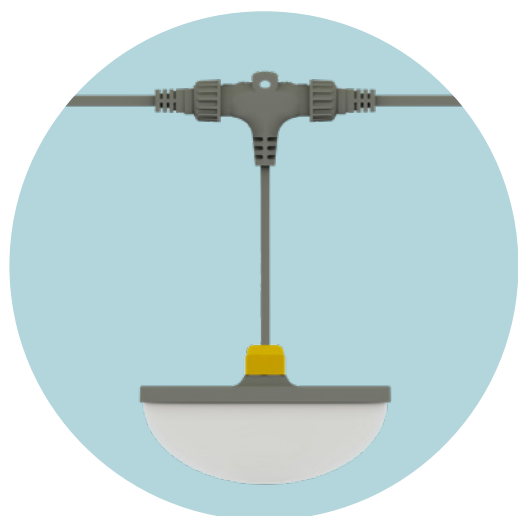


PULSA

Our well-known CORAX in a plug & play version; it won't get any better! The PULSA is a main lighting solution that can be applied in almost every type of poultry house.

PULSA: A responsible investment for the long term.



Specifications

Operating voltage	48VDC
Dimmer type	HATO 48VDC power supply
Dim range	0 - 100%
Light source	LED
Flicker-free	Yes
Expected average lifetime white LEDs	50,000h
Operating temperature	-10°C (14°F) <Ta< +40°C (104°F)
Nett weight	375 gr / 0.83 lbs
Cover material	Impact resistant PMMA
Base material	ABS
Warranty	8 Years*
Application	Poultry

Type	Power consumption	Light output	Efficacy	CCT	CRI	Energy class
PULSA	8.7W	1050lm	121lm/W	3000K	> 80	
PULSA CW	8.7W	1110lm	128lm/W	4500K	> 80	
PULSA DDS**	warm white: 9.7W cold white: 9.7W UV-A: 1W	warm white: 1050lm cold white: 1110lm	warm white: 108lm/W cold white: 114lm/W	warm white: 2500K cold white: 6700K	> 80	
PULSA XL	15.4W	1750lm	112lm/W	3000K	> 80	

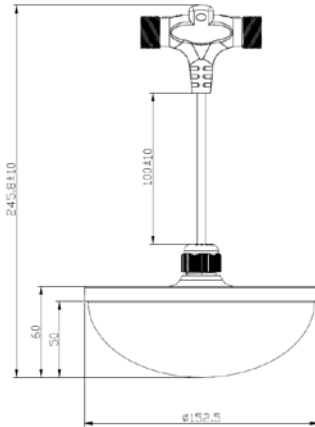
Colour options	Power consumption	Light output	Efficacy	Dominant wavelength
Blue	3W 6W	40lm 80lm	13.3lm/W	463nm
Red	3W 6W	163.5lm 327lm	54.5lm/W	620nm

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

** Limit power to max 15W when mixing colours

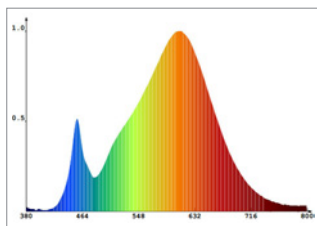
PULSA

Dimensions

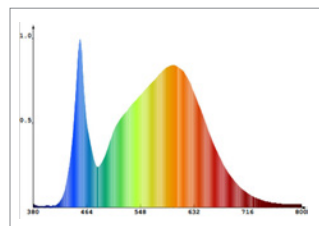


Spectrum

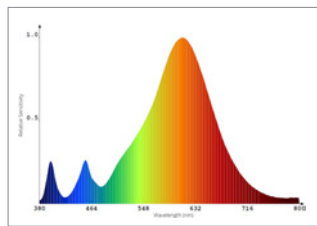
Measured with the HATO ONE spectrum meter



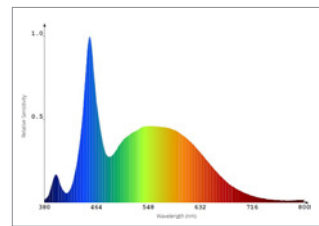
PULSA



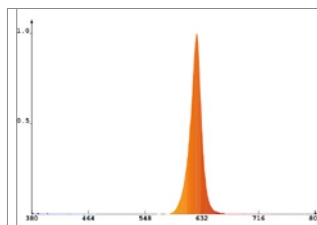
PULSA - cold white



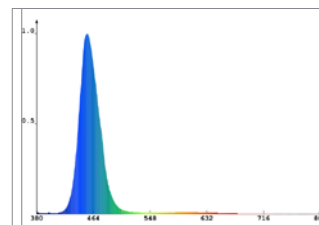
PULSA DDS - warm white



PULSA DDS - cold white

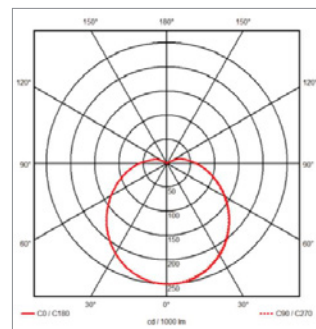


Red



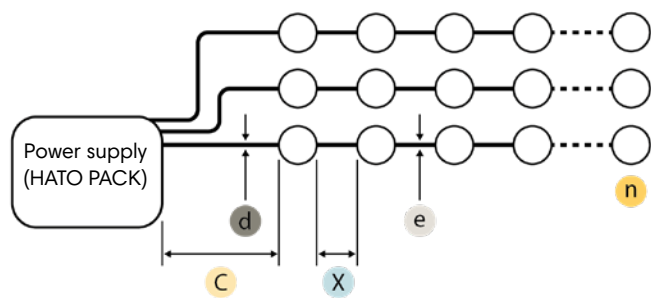
Blue

Light spread



PULSA

Installation example



- Lamp's line
- Lamps

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

Maximum lamps in one line

		PULSA-W8.7 PULSA-2-W8.7-y	PULSA-DDS	PULSA-XL PULSA-2-W15.4-x	PULSA-3-W8.7-R6	
Cable between lamps		2 x 14AWG	3 x 14AWG	2 x 14AWG	3 x 14AWG	e
Outputs used		1	2x1	1	2x1	
Distance between lamps	3m / 9.8ft	21	20	15	21	n
	3.5m / 11.5ft	20	19	14	20	
	4m / 13.1ft	19	18	13	19	
	4.5m / 14.8ft	18	17	12	18	
	5m / 16.4ft	17	16	12	17	

Max length connection cable [m / ft]

Cable thickness	2.5 mm ²	20 m 67 ft	19 m 63 ft	16 m 54 ft	20 m 67 ft	c
	4 mm ²	33 m 107 ft	31 m 101 ft	26 m 86 ft	33 m 107 ft	
	6 mm ²	49 m 160 ft	46 m 152 ft	39 m 129 ft	49 m 160 ft	

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.

PULSA

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

Maximum lamps in one line

		PULSA-W8.7 PULSA-2-W8.7-y	PULSA-DDS	PULSA-XL PULSA-2-W15.4-x	PULSA-3-W8.7-R6
Cable between lamps		2x 14AWG	3x 14AWG	2x 14AWG	3x 14AWG
Outputs used		1	2x1	1	2x1
Distance between lamps	3m / 9.8ft	11	10	6	11
	3.5m / 11.5ft	11	10	6	11
	4m / 13.1ft	11	10	6	11
	4.5m / 14.8ft	11	10	6	11
	5m / 16.4ft	11	10	6	11

Max length connection cable [m / ft]

Cable thickness	14AWG	29 m 96 ft	29 m 94 ft	30 m 99 ft	29 m 96 ft
	12AWG	47 m 153 ft	46 m 150 ft	48 m 157 ft	47 m 153 ft
10AWG	74 m 242 ft	73 m 239 ft	76 m 250 ft	74 m 242 ft	

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.

Markings



* Protection test against penetration of water IPX7
(protected against the effect of immersion between 15cm and 1m)