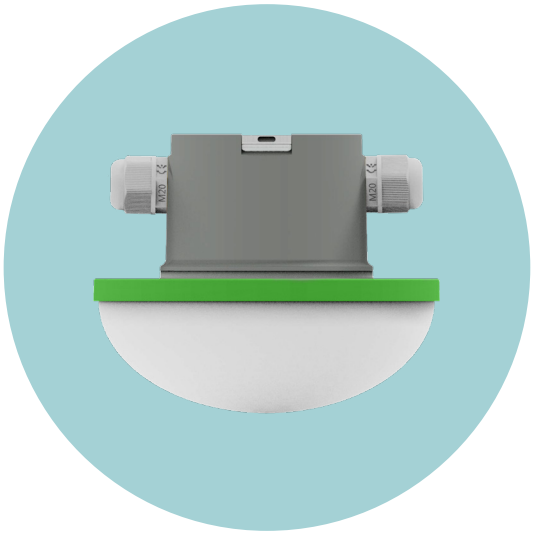
Datasheet

CORAX

HATO CORAX is designed to improve the performance and well-being of your flock. Its flicker-free light with an optimized spectrum and uniform distribution create a calm, natural environment where birds feel comfortable. That results in less stress, better eating, and steady growth, everything you need for a healthy and productive flock.





IUL: (7766) **

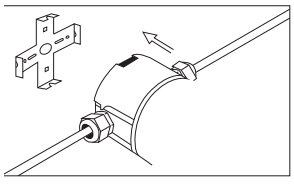


Specifications

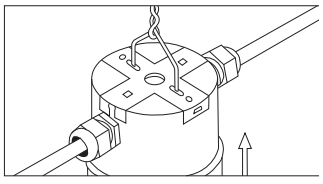
Operating voltage:	48VDC
Light source:	LED
Dimmer type:	HATO 48VDC power supply
Flicker-free:	Yes
Dim range:	0 - 100%
CRI:	>80
Expected average lifetime:	50,000h (L90B10)
Operating temperature:	-10°C (14°F) <Ta< +40°C (104°F)
Storage temperature:	-25°C (-13°F) <Ta< +80°C (176°F)
Weight:	375 gr / 0.83 lbs
Base material:	ABS
Cover material:	PMMA
IP rating:	IP67
Warranty:	8 Years*
Application:	Poultry
Made by:	HATO

Included with IUL:

Clip + triangle for pendant mounting:
Maximum diameter of steel cable is 3.5 mm / 0.14 inch

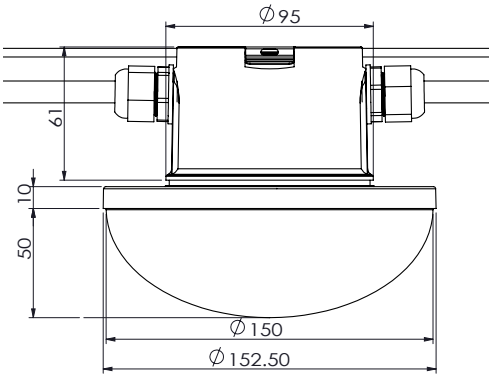


Flat surface or steel cable mounting



Pendant mounting

Dimensions



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

** Order IUL separately. Not included with CORAX itemcode but mandatory for each CORAX to apply for warranty.

FANCOM forward thinking

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Datasheet

CORAX

	Article code:	FANCOM code:	Color combination	Power consumption:	Light output:	Efficacy:	Light colour:	Energy label
3000K	**7976**	4881183		7.6W	1050lm	138lm/w	3000K	
	7977	4881184	/	7.6W 3W (Blue)	1050lm	138lm/w	3000K	
	7975	4881182		7.6W 6W (Red)	1050lm	138lm/w	3000K	
	7973	4881180		13.0W (XL)	1750lm	135lm/w	3000K	
	7974	4881181	/	13.0W (XL) 3W (Blue)	1750lm	135lm/w	3000K	
DDS	**8139**	4881179		6.6W warm white 6.3W cold white 0.5W UV WW 0.5W UV CW	940lm	146lm/w	3000-6500K + UVA	

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Datasheet

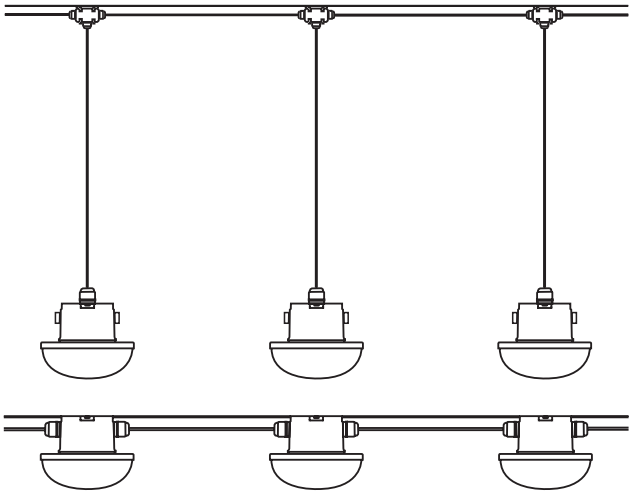
CORAX

PRE-WIRE

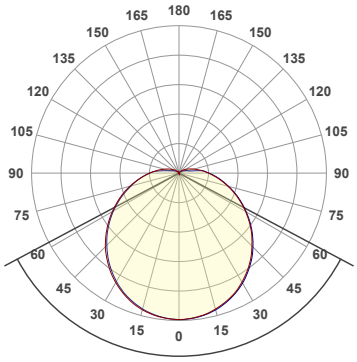
14 AWG

Pre-wiring is possible for CORAX installations. This means we connect all the cables exactly as defined in the light plan. The only thing you have to do is hang the lamps at the right place and connect them to the power supply.

Scan QR code for more information.



Light spread



124°

Packaging information CORAX

Box size (LxHxW):	59 x 48 x 52cm
Number of units per box:	48
Neto weight of box:	14kg

Packaging information IUL

Box size (LxHxW):	58.5 x 39 x 15cm
Number of units per box:	48
Neto weight of box:	9kg

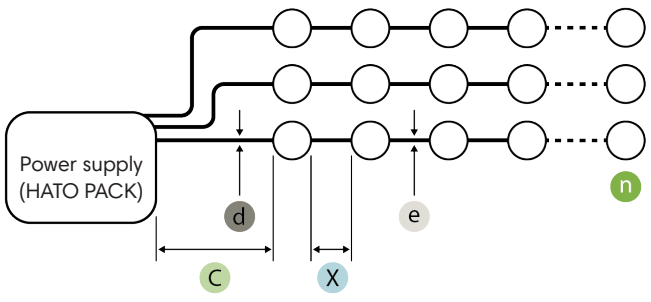
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CORAX

Installation details calculated with 6A smart fuse *(IEC/CE)*

	Cable between lamps (e)	Fuse outputs used	Distance between lamps (X) 3m / 9.8ft	3.5m / 11.5ft	4m / 13.1ft	4.5m / 14.8ft	5m / 16.4ft	Max length connection cable [m / ft] Cable thickness (d) 2.5mm²	4mm²
3000K	2x 2.5mm²	1	23	22	21	19	19	18 m 58 ft	28 m 92 ft
	3x 2.5mm²	2	27	26	24	23	22	23 m 75 ft	37 m 119 ft
	4x 2.5mm²	2	30	29	27	26	25	28 m 90 ft	44 m 143 ft
	5x 2.5mm²	2	32	31	30	28	27	32 m 105 ft	51 m 167 ft
3000K (XL)	2x 2.5mm²	1	16	15	14	14	13	14 m 45 ft	22 m 72 ft
	3x 2.5mm²	2	19	18	17	16	15	18 m 57 ft	28 m 90 ft
	4x 2.5mm²	2	21	20	19	18	17	21 m 69 ft	34 m 109 ft
	5x 2.5mm²	2	23	22	21	20	19	25 m 80 ft	39 m 127 ft
3000K + RED	3x 2.5mm²	2x1	23	22	21	19	19	18 m 58 ft	28 m 92 ft
	5x 2.5mm²	2x2	27	26	24	23	22	23 m 75 ft	37 m 119 ft
DDS	3x 2.5mm²	2x1	25	23	22	21	20	19 m 60 ft	29 m 95 ft
	5x 2.5mm²	2x2	28	27	25	24	23	25 m 80 ft	39 m 126 ft
					(n)				(C)

Installation example



Lamp's line

Lamps

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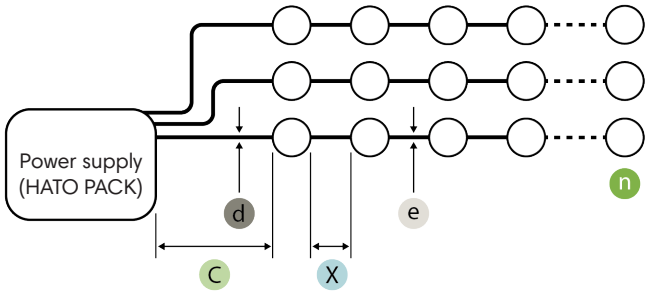
CORAX

Installation details calculated with T3.15A fuse *(IEC/CE)*

	Cable between lamps (e)	Fuse outputs used	Distance between lamps (X) 3m / 9.8ft	3.5m / 11.5ft	4m / 13.1ft	4.5m / 14.8ft	5m / 16.4ft	Max length connection cable [m / ft] Cable thickness (d) 2.5mm²	4mm²
3000K/Blue	2x 2.5mm²	2	22	22	21	19	19	19m 61ft	30m 97ft
	4x 2.5mm²	4	30	28	26	24	24	28m 90ft	44m 143ft
3000K/Blue (XL)	2x 2.5mm²	2	12	12	12	13	13	19m 61ft	30m 97ft
	4x 2.5mm²	4	22	20	18	18	18	17m 54ft	26m 85ft

n C

Installation example



Lamp's line

Lamps

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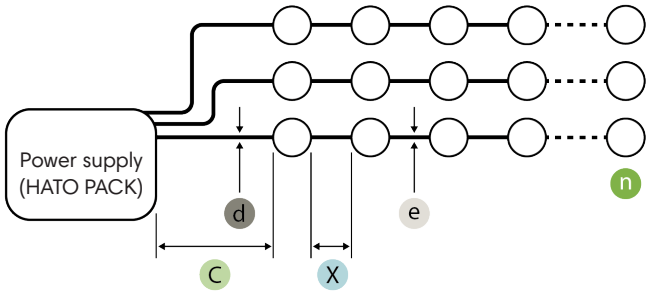
CORAX

Installation details calculated with 2A smart fuse *(UL/CSA)*

	Cable between lamps (e)	Fuse outputs used	Distance between lamps (X) 3m / 9.8ft	3.5m / 11.5ft	4m / 13.1ft	4.5m / 14.8ft	5m / 16.4ft	Max length connection cable [m / ft] Cable thickness (d) 14AWG	12AWG
3000K	2x 14AWG	1	13	13	13	13	13	29 m 93 ft	45 m 147 ft
	3x 14AWG	2	25	23	22	21	20	26 m 84 ft	41 m 134 ft
	4x 14AWG	3	27	26	25	24	23	31 m 100 ft	49 m 159 ft
	5x 14AWG	4	29	28	27	26	25	36 m 119 ft	58 m 188 ft
3000K (XL)	2x 14AWG	1	6	6	7	7	7	29 m 93 ft	45 m 147 ft
	3x 14AWG	2	14	15	15	15	14	23 m 73 ft	36 m 116 ft
	4x 14AWG	3	19	18	17	16	16	24 m 78 f	38 m 124 ft
	5x 14AWG	4	21	20	19	18	17	27 m 89 ft	43 m 141 ft
3000K + RED	3x 14AWG	2x1	13	13	13	13	13	29 m 93 ft	45 m 147 ft
	5x 14AWG	2x2	25	23	22	21	20	26 m 84 ft	41 m 134 ft
DDS	3x 14AWG	2x1	14	14	14	14	15	30 m 97 ft	47 m 155 ft
	5x 14AWG	2x2	26	25	24	22	21	27 m 87 ft	42 m 138 ft

(n) (C)

Installation example



Lamp's line

Lamps

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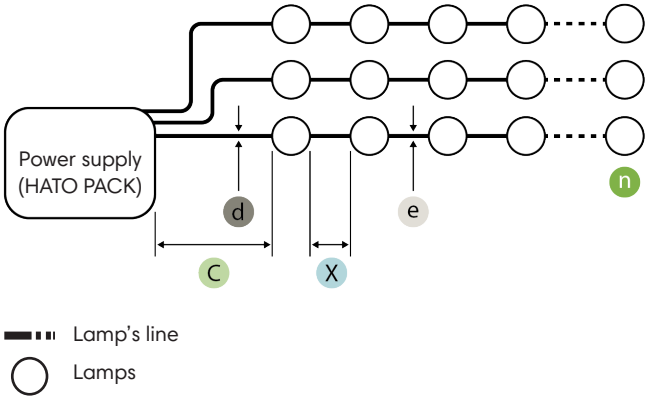
CORAX

Installation details calculated with F1.6A fuse *(UL/CSA)*

	Cable between lamps (e)	Fuse outputs used	Distance between lamps (X) 3m / 9.8ft	3.5m / 11.5ft	4m / 13.1ft	4.5m / 14.8ft	5m / 16.4ft	Max length connection cable [m / ft] Cable thickness (d) 14AWG	12AWG
3000K/Blue	2x 14AWG	2	10	10	10	10	10	37m 121ft	59m 192ft
	4x 14AWG	4	22	22	22	22	22	36m 116ft	57m 185ft
3000K/Blue (XL)	2x 14AWG	2	6	6	6	6	6	36m 118ft	57m 187ft
	4x 14AWG	4	12	12	12	12	12	28m 89ft	44m 142ft

(n) (C)

Installation example



Lamp's line

Lamps

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Datasheet

CORAX

Notes

- Specifications are subject to change without prior notice.

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

- Please ask your sales representative in case of doubt.

Markings



* Protection test against penetration of water IPX7

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

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