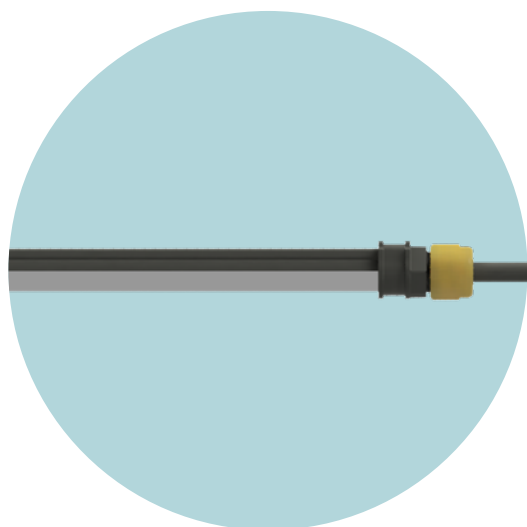


# BUBO

Our well-known BUBO is an upgraded in-system poultry lighting solution, offering higher efficacy and enhanced durability. This advanced LED system optimizes poultry well-being and farm productivity through superior lighting performance and cost savings.



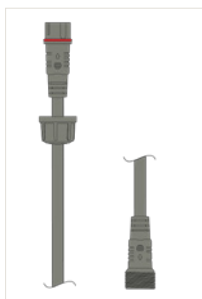
## Specifications

Operating voltage:	48VDC
Connection:	Plug & Play
Light source:	LED
Dimmer type:	HATO 48VDC power supply
Flicker-free:	Yes
Dim range:	0 - 100%
CRI	>80
Expected average lifetime:	50,000h - L80B10 at 25°C
Operating temperature:	-10°C (14F) < Ta < +40°C (104F)
Storage temperature:	-25°C (-13F) < Ta < +80°C (176F)
Base material:	ABS
Cover material:	PC
IP	IP67
Warranty:	8 years*
Application:	Poultry

## Accessories



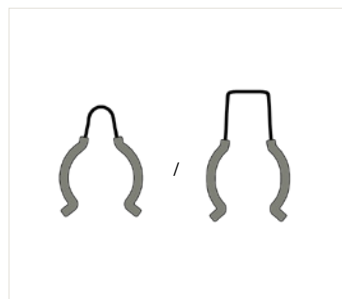
DC Connection cable



DC Extension cable



End cap



Mounting clips

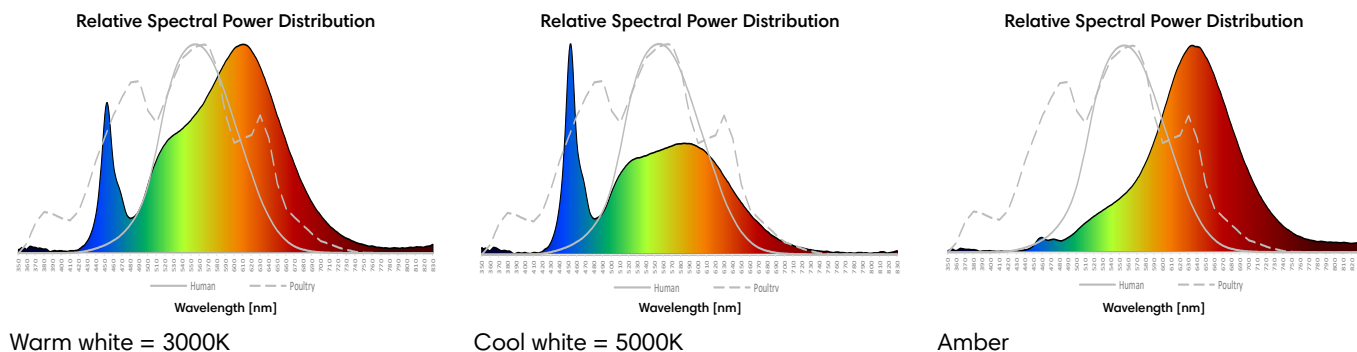
\* Ask your sales representative for the product specific warranty terms and conditions.

# BUBO

## Product overview table

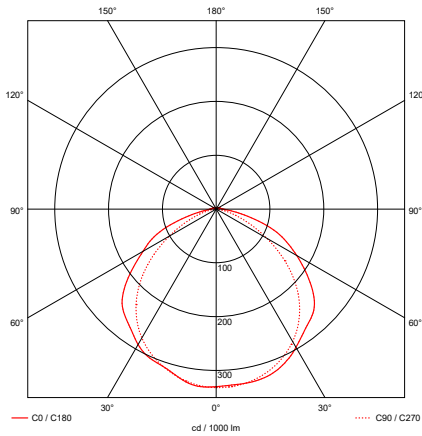
	Product	Tube length	Net weight	Power consumption	Light output	Efficacy	Maximum number of lamps in line	Light colour	No of clips needed
BUBO Warm White	7685	90cm / 35.4"	350gr / 12.3Oz	1.67W	220lm	131 lm/W	81	3000K	2
	7686	182cm / 71.7"	560gr / 19.8Oz	3.27W	430lm	131 lm/W	46	3000K	4
	7687	230cm / 90.6"	660gr / 23.28Oz	4.04W	530lm	131 lm/W	38	3000K	6
BUBO Cool white	7839	90cm / 35.4"	350gr / 12.3Oz	1.4W	220lm	155 lm/W	85	5000K	2
	7842	182cm / 71.7"	560gr / 19.8Oz	2.7W	430lm	155 lm/W	50	5000K	4
	7781	230cm / 90.6"	660gr / 23.28Oz	3.42W	530lm	155 lm/W	38	5000K	6
BUBO Amber	7786	90cm / 35.4"	350gr / 12.3Oz	2.5W	591 nm	-	64	Amber	2
	7785	182cm / 71.7"	560gr / 19.8Oz	4.8W	591 nm	-	38	Amber	4

## Spectrum

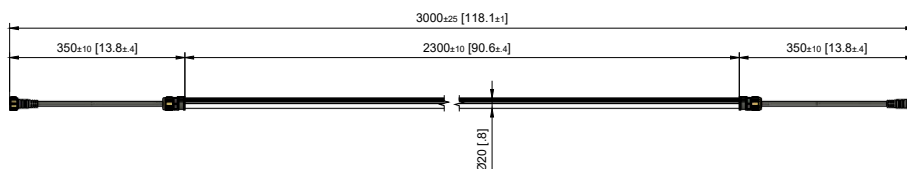
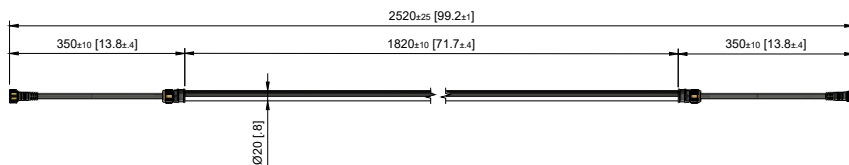
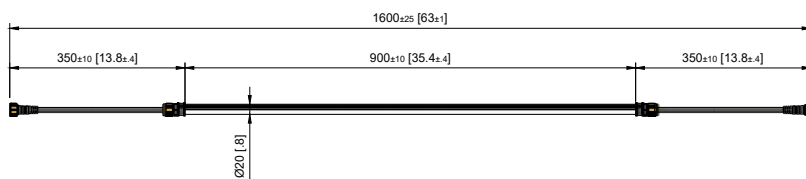


# BUBO

## Light spread



## Dimensions



## Packaging information

**Size:** 105 x 22 x 21.5 cm / 41.3" x 8.7" x 8.5"

**Number of units per box:** 25

**Weight:** 9.8kg / 21.6lb

**Size:** 199 x 22 x 21.5 cm / 78.3" x 8.7" x 8.5"

**Number of units per box:** 25

**Weight:** 15kg / 33.1lb

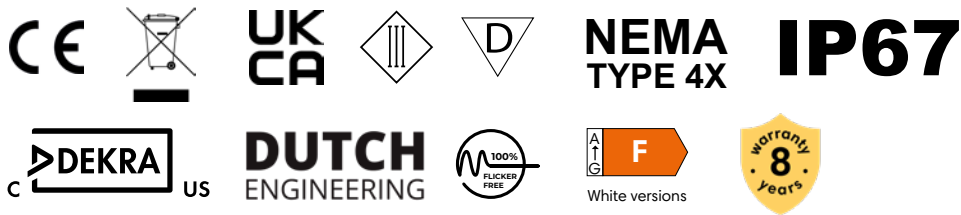
**Size:** 249 x 22 x 21.5 cm / 98" x 8.7" x 8.5"

**Number of units per box:** 25

**Weight:** 17.5kg / 38.6lb

# BUBO

## Markings



## Notes

Always use HATO power supply together with BUBO.

For installations in North America use only 48VDC NEC class 2 power supplies from HATO.

Outside North America use HATO power supply with T3.15A fuse between power supply and BUBO.

**In case of discrepancy, the English version shall prevail**