





#### **ABOUT US**

At Once by Signify, we are more than just your average lighting company. We are the world leader in lighting, with global brands including Once, Interact, and Philips. What sets us apart is our passion for scientific research and innovation, enabling us to constantly push the boundaries and deliver cuttingedge solutions to our clients.

Our team of experts works tirelessly to develop lighting solutions that improve animal welfare, performance and sustainability. We understand that running a farm comes with unique challenges; which is why we offer a range of tailored lighting solutions to help you achieve your goals.

Whether you're looking to optimize productivity or promote animal welfare our team has you covered. Our energy-efficient, environmentally conscious offerings range from basic white lighting to multispectral, dynamic solutions with scientifically proven light recipes. We'll help you make your farm more productive, sustainable, and keep your animals healthy and happy.

Let us be your partner in lighting and together we can unlock the full potential of nature and science.



#### **LET'S GET STARTED!**

As you scroll through the pages, if you find yourself with questions - don't hesitate to reach out directly. Scan this QR code and use our 'chat live' button in the lower right hand corner of the page. Our customer service team is ready to help you!

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Controllers
Dimmers
Surge Protectors





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CONTROLLED VIA
SMART PHONE OR FARM
COMPUTER



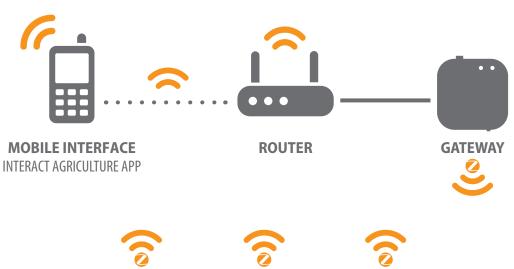
LIGHT RECIPES DESIGNED FOR ANIMALS BY LEADING SCIENTISTS AND RESEARCHERS



MADE FOR HARSH CLEANING ENVIRONMENTS

Introducing NatureDynamics Dome, a fully controllable lighting system that allows you to adjust the spectrum and intensity through light recipes. Our patented light recipes stimulate bird activity, giving you optimal control over your production results.







#### **LIGHT RECIPES TO IMPROVE ANIMAL WELFARE**



A light recipe is a specific combination of light intensity, spectrum and schedule designed to achieve desired outcomes. In other words, a light recipe is a set of instructions that tell a lighting system what kind of light to produce and when to produce it.

In poultry farming, specific light recipes can be used to promote many bird performance and welfare-related goals. Examples include encouraging growth, reducing stress and improving egg production. These recipes are

designed based on research that identified optimal light intensity, color and duration for these different outcomes. By using these light recipes, farmers can provide their birds ideal lighting conditions to help them thrive.



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BROILER BREEDER PULLETS TURKEY



## BROILER, BROILER BREEDER PULLETS, AND TURKEY PRODUCTS AND OFFERINGS











	Broilers, Turkeys and Pullets	Broilers, Turkeys and Pullets	Broilers, Turkeys and Pullets	Broilers and Turkeys	Broilers, Pullets and Turkeys
Product family	Junction-Box Mounted Light for Pullets (JLP)	Multi-Adapter Light for Broilers (MLB)	Multi-Adapter Light Mini for Broilers (MLM-B)	Optient NEW!	Nature Dynamics Dome
Spectrum/Light Recipe	Dim-to-Blue	Dim-to-Blue	Dim-to-Blue	White	Junglite
Lumen output	930	1400	1000	240	1200
Power	8W	14W	10W	2W	11W
Efficacy	110 lm/w	100 lm/w	100 lm/w	120 lm/w	110 lm/w
Color Temperature	4300K	4500K (Brood) 5000K (Grow out)	4500K (Brood) 5000K (Grow out)	5000K	Tunable
App controlled	No	No	No	No	Interact Agricul- ture App
Designed for Animal Use	Yes	Yes	Yes	Yes	Yes
Benefits	Improves performance compared to white light. Promotes calmer birds.	Improves perfor- mance compared to white light. Promotes calmer birds.	Improves perfor- mance compared to white light. Promotes calmer birds.	Improves FCR and promotes freedom of choice with gradient lighting.	Optimal lighting at every age improves FCR and welfare. Reduces stress/fear and promotes calmer birds.
Mounting	Junction box	Screw-in type and Base unit with junc- tion box	Screw-in type and Base unit with junction box	Mounted with special accessories	Base unit with Junction Box
IP Rating (water and dust resistance)	IP66	IP66	IP66	IP66	IP65
IK Rating (product resistance to damage)	IK07	IK07	IK07	IK05	IK07
Dimmability	1-100%	1-100%	1-100%	No dimming	0-100%
Certifications (compliant with country regulations)	UL/CSA	UL/CSA	UL/CSA	UL/CSA	UL/CSA
Expected Product Lifetime	L70 @ 50k hours	L70 @ 50k hours	L70 @ 50k hours	L70 @ 50k hours	L70 @ 50k hours
Warranty	5 years	5 years	5 years	5 years	5 years

#### 8W Junction-Box Mounted Light for Pullets (JLP)

Spectrum/Light Recipe: Dim-to-Blue

#### Features:

- 8W, 120VAC, 930 lm, 180 Degree Tall Lens (very wide beam angle)
- · Installation: Junction Box
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 107mm diameter x 63mm tall. Weight per piece 0.141kg
- Operating temperature -20°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours, 5 years

Order number: SKU 1000000579

Description: JLP 800/WB20 120V JB/T VWB Gen 3





#### 13W Multi-Adapter Light for Broilers (MLB)

Spectrum/Light Recipe: Dim-to-Blue

#### Features:

- 13W, 230VAC, 1400 lm, 4500K, very wide beam angle
- Installation: Screw Base
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 87.5mm diameter x 167mm tall. Weight per piece 0.318kg.
- Operating temperature -20°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, UL/CSA certified
- Warranty: Rated life >50,000 hours and 3 years

Order number: SKU 1000000815

Description: MLB 1350/WB20 230V EB/T VWB Gen 3



Product also used for Pullets and Turkeys



#### 13W Multi-Adapter Light for Broilers (MLB)

Spectrum/Light Recipe: Dim-to-Blue

#### Features:

- 13W, 230VAC, 1400 lm, 4500K, efficacy 110lm/W, very wide beam angle
- · Installation: Base Unit
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 87.5mm diameter x 107mm tall. Weight per piece 0.271kg
- Operating temperature -20°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 3 years

\*Installation options include junction box mount, Jelly jar mount or suspension (drop-cord) mount using MLM adapters (sold separately)\*

Order number: SKU 000000728

Description: MLB 1350/WB20 230V BU/T VWB Gen 3





Mounting adapter required for installation - sold separately

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Screw Base

#### 14W Multi-Adapter Light for Broilers (MLB)

Spectrum/Light Recipe: Full Spectrum with Blue

#### Features:

- 14W, 120VAC, 1400 lm, 4500K, efficacy 100lm/W, very wide beam angle
- · Installation: Screw Base
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 87.5mm diameter x 167mm tall, Weight per piece 0.318kg
- Operating temperature -20°C to 40°C / -4°F to 104°F
- Rating and Certifications: IP66, IK07 impact rating, UL/CSA certified
- Warranty: Rated life >50,000 hours, 5 years

\*Included E26 screw base adapter allows installation onto existing screw base fixtures\*

Order number: SKU 1000000490

Description: MLB 1400/WB20 120V EB/T VWB Gen 3



Product also used for Broiler Breeder Pullets

#### 14W Multi-Adapter Light for Broilers (MLB)

Spectrum/Light Recipe: Dim-to-Blue

#### Features:

- 14W, 120VAC, 1400 lm, 4500K, very wide beam angle
- · Installation: Base Unit
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 87.5mm diameter x 106.5mm tall. Weight per piece 0.271kg
- Operating temperature -20°C to 40°C / -4°F to 104°F
- · Ratings and Certifications: IP66, IK07 impact rating, UL/CSA certified
- Warranty: Rated life >50,000 hours, 5 years

Order number: SKU 1000000580

Description: MLB 1400/WB20 120V BU/T VWB Gen 3



Base Unit



Mounting adapter required for installation - sold separately

#### 10W Multi-Adapter Light Mini for Broilers (MLM-B)

Spectrum/Light Recipe: Dim-to-Blue

#### Features:

- 10W, 120VAC, 4700k, 1000 lm, efficacy 110 lm/W, extra wide beam angle
- Installation: Screw Base
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 81mm diameter x 143mm tall. Weight per piece 0.177kg
- Operating temperature -20°C to 40°C / -4°F to 104°F
- · Ratings and Certifications: IP66, IK07, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years
- \*Included E26/E27 screw base adapter allows installation onto existing screw base fixtures\*

Order number: SKU 1000000805

Description: MLM 1000/WB20 120V EB/T VWB Gen 3



Screw Base

#### 10W Multi-Adapter Light Mini for Broilers (MLM-B)

Spectrum/Light Recipe: Dim-to-Blue

#### Features:

- 10W, 120VAC, 4700k, 1000 lm, efficacy 110 lm/W, extra wide beam angle
- Installation: Base Unit
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 86mm diameter x 82mm tall. Weight per piece 0.152kg
- Operating temperature -20°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK06, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years

\*Installation options include junction box mount, Jelly jar mount or suspension (drop-cord) mount using MLM adapters (sold separately)

Order number: SKU 1000000803

Description: MLM 1000/WB20 120V BU/T VWB Gen 3



Mounting adapter required for installation - sold separately

**Base Unit** 

#### **NEW! Optient for Broilers**

Spectrum/Light Recipe: White-light gradient lighting system

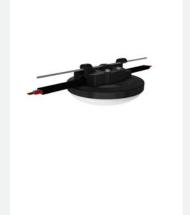
#### Features:

- 24V, 2W, 5000K, Efficacy 120 lm/W, 240lm
- Installation: Mount on feedline anti-roostwire; accessories are required
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 80.6mm diameter x 41.2mm tall. Weight per piece 0.072kg
- Operating temperature -20°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK05, IEC Class II, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years

SKU: 1000001064

Description: Optient 220 24VDC 5000K





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#### **NatureDynamics Dome - 120V**

Spectrum/Light Recipe: Multispectral light output, 3 channel, optimized for the Junglite light recipe Features:

- 11W, 120VAC, 60Hz,1200 lm, efficacy 110 lm/W, extra wide beam angle
- Installation: Base unit to be used in combination with a junction box (Adapter sold separately)
- Controlled through a barn computer or smart phone via the Interact Agriculture App
- Dimming: Recipe controlled, 0 to 100%
- · Shockproof plastic cover
- Product size and weight: 87.5mm diameter x 145mm tall. Weight per piece 0.244kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP65, IK07 impact rating, IEC Class II, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years

\*Suitable for combination with lighting fixture ND Dome JB base (to be ordered separately).

Order number: SKU 1000000601

Description: ND-DOME 1250/MS30 120V IA1 VWB





#### NatureDynamics Dome - 230V

Spectrum/Light Recipe: Multispectral light output, 3 channel, optimized for the Junglite light recipe

#### Features:

- 11W, 230V 50/60Hz, 1200 lm, efficacy 110 lm/w, extra wide beam angle
- Installation: Install to IUL Junction Box
- Controlled through a barn computer or smart phone via the Interact Agriculture App
- Dimming: Recipe controlled, 0 to 100%
- · Shockproof plastic cover
- Product size and weight: 87mm diameter x 145mm tall. Weight per piece 0.244kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK03, IEC Class II, CE/UKCA certified
- Warranty: Rated life >50,000 hours and 5 years

Order number: SKU 1000000828

Description: ND-DOME 1250/MS30 230V IA1 VWB





Base Unit







Our scientists and engineers took a bird's eye view to develop a gradient lighting solution that promotes freedom of choice and optimal performance in commercial broiler houses. It can improve feed conversion and animal welfare, and decrease energy usage by up to 70%. Optient, our patent-pending lighting solution, offers best-in-class performance and animal welfare.



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LAYER BREEDER

#### LAYER AND BREEDER PRODUCTS AND OFFERINGS

Point source lights for ceilings









	Layers, Breeders	Layers, Breeders	Layers, Breeders	Layers, Breeders
Product family	Junction-Box Mount- ed Layer Light (JLL)	Multi-Adapter Light for Layers (MLL)	Multi-Adapter Light Mini for Layers (MLM-R)	NatureDynamics Dome for Layers
Spectrum/Light Recipe	Dim-to-Red	Dim-to-Red	Dim-to-Red	Redlite
Lumen output	610	900	610	1100
Power	8W	11W	8W	12W
Efficacy	76 lm/w	80 lm/w	76 lm/w	92 lm/w
Color Temperature	2700K	2900K	2700K	Tunable
App controlled	No	No	No	Interact Agriculture App
Dimmer required	Yes	Yes	Yes	No
Designed for Animal Use	Yes	Yes	Yes	Yes
Benefits	Improves bird performance and reduces bird stress compared to white light.	Improves bird performance and reduces bird stress compared to white light.	Improves bird performance and reduces bird stress compared to white light.	Optimal lighting throughout production with improved performance and reduced bird stress. Enhances bird management and training with custom light recipes.
Mounting	Junction Box	Screw-in, jelly jar, junction box and suspension	Screw-in, jelly jar, junction box and suspension	Junction box mounted with an adapter
IP Rating (water and dust resistance)	IP66	IP66	IP66	IP65
IK Rating (product resistance to damage)	IK07	IK07	IK07	IK07
Dimmability	1-100%	1-100%	1-100%	0-100%
Certifications (compliant with country regulations)	UL/CSA	UL/CSA	UL/CSA	UL/CSA
Expected Product Lifetime	L70 @ 50k hours	L70 @ 50k hours	L70 @ 50k hours	L70 @ 50k hours
Warranty	5 years	5 years	5 years	5 years



#### **LAYER AND BREEDER PRODUCTS AND OFFERINGS**

Tube lights for in-system and under-systems



	Layers, Breeders	Pullets	Layers, Breeders Tube Light Under-System (TLUS)	
Product family	Tube Light for Layer (TLL)	Tube Light for Pullets (TLP)		
Application	In-system	In-system	Under-system	
Sizes	60", 97", 110", 150" & 194"	60", 97" and 194"	55", 91" and 97"	
Spectrum/Light Recipe	Dim-to-Red	Junglite Green	Cool White	
Lumen output	170 and 340	260 and 520	600 and 1200	
Power	2.9W and 5.8W	3.5W and 7W	4.2W and 8.4W	
Efficiency	60 lm/w	75 lm/w	Up to 140 lm/w	
Color Temperature	2200K	8500K	5000K	
Designed for Animal Use	Yes	Yes	Yes	
Dimmer required	Yes	Yes	Yes	
Benefits	Improves bird performance and reduces bird stress compared to white light.	Improve animal welfare during brood phase.	Bright white under-system light discourages floor egg laying	
Mounting	Starter/Extension cord Tubes	Starter/Extension cord Tubes	Starter/extension cord + stringer T connections	
IP Rating (water and dust resistance)	IP66	IP66	IP66	
IK Rating (product resistance to damage)	IK06	IK06	IK06	
Dimmability	1-100%	1-100%	1-100%	
Certifications (compliant with country regulations)	UL/CSA	UL/CSA	UL/CSA	
Expected Product Lifetime	L70 @ 50k hours	L70 @ 50k hours	L70 @ 50k hours	
Warranty	5 years	5 years	5 years	

#### **8W Junction-Box Mounted Layer Light (JLL)**

Spectrum/Light Recipe: Dim-to-Red

#### Features:

- 8W, 120VAC, 2700K, 610 lm, short Lens, efficacy 76 lm/w, very wide beam angle
- Installation: Junction Box
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 107mm length x 22mm tall. Weight per piece 0.121kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years

Order number: SKU 1000000790

Description: JLL 600/WR20 120V JB/S VWB Gen 3





#### **Junction-Box Mounted Layer Light (JLL)**

Spectrum/Light Recipe: Dim-to-Red

#### Features:

- 8W, 120VAC, 2700K, 610 lm, tall lens, efficacy 76 lm/w, very wide beam angle
- Installation: Junction box
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 107mm length x 63mm tall. Weight per piece 0.141kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years

Order number: SKU 1000000757

Description: JLL 575/WR20 120V JB/T VWB Gen 3





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#### 11W Multi-Adapter Light for Layers (MLL)

Spectrum/Light Recipe: Full Spectrum Dim-to-Red

#### Features:

- 11W, 120VAC, 2900K, 900 lm, tall lens, efficacy 80lm/w, very wide beam angle
- · Installation: Edison Base
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 87.5mm length x 167mm tall. Weight per piece 0.318kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years
- \*Includes E26 screw base adapter allows installation onto existing screw base fixtures\*

Order number: SKU 1000000603

Description: MLL 900/WR 120V EB/T VWB GEN 3



# Screw Base

#### 11W Multi-Adapter Light for Layer (MLL)

Spectrum/Light Recipe: Full Spectrum Dim-to-Red

#### Features:

- 11W, 120VAC, 2900K, 900 lm, tall lens, efficacy 80lm/w, very wide beam angle
- Installation: Junction box, jelly jar and suspension (drop cord)
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 87.5mm length x 106.5mm tall. Weight per piece 0.271kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years

\*Installation options include junction box mount, jelly jar or suspension (drop cord) mount using MLM adapters (sold separately) \*

Order number: SKU 1000000470

Description: MLL 900/WR 120V BU/T VWB GEN 3



Product also used for Laver Pullets

Broilers, and Breeders

**Base Unit** 



Mounting adapter required for installation - sold separately

#### 12W Multi-Adapter Light for Layers

Spectrum/Light Recipe: Full Spectrum Dim-to-Red

#### Features:

- 12W, 230VAC, 2900K, 1000 lm, efficacy 83 lm/W, very wide beam angle
- Installation: Junction box, jelly jar and suspension (drop cord)
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 87.5mm length x 106.5mm tall. Weight per piece 0.271kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 3 years

\*Installation options include junction box mount, jelly jar mount or suspension (drop-cord) mount using MLM adapters (sold separately) \*

Order number: SKU 1000000806

Description: MLL 1000/WR 230V BU/T VWB GEN 3

Base Unit



#### 8W Multi-Adapter Light Mini for Layers (MLM-R)

Spectrum/Light Recipe: Dim-to-Red

#### Features:

- 8W, 230VAC, 2500K, 600 lm, efficacy 75 lm/W, very wide beam angle
- · Installation: Screw Base
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 86mm length x 143mm tall. Weight per piece 0.177kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years

\*Included E26 screw base adapter allows installation onto existing screw base fixtures\*

Order number: SKU 1000000773

Description: MLM 600/WER20 120V EB/T VWB



#### Screw Base



#### 8W Multi-Adapter Light Mini for Layers (MLM-R)

Spectrum/Light Recipe: Dim-to-Red

#### Features:

- 8W, 120VAC, 2600K, 600 lm, efficacy 75 lm/W, very wide beam angle
- Installation: Base Unit
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 86mm length x 82.5mm tall. Weight per piece 0.152kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years

\*Installation options include junction box mount, Jelly jar mount or suspension (drop-cord) mount using MLM adapters (sold separately) \*

Order number: SKU 1000000727

Description: MLM 600/WER20 120V BU/T VWB



Mounting adapter required for installation - sold separately

**Base Unit** 

#### 8W Multi-Adapter Light Mini for Layers (MLM-R)

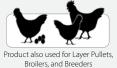
Spectrum/Light Recipe: Dim-to-Red

#### Features:

- 8W, 230VAC, 2700K, 650 lm, efficacy 80 lm/W, very wide beam angle
- Installation: Screw Base
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 86mm length x 143mm tall. Weight per piece 0.177kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 3 years
- \* Included E26 screw base adapter allows installation onto existing screw base fixtures\*

Order number: SKU 1000000818

Description: MLM 600/WR20 230V EB/T VWB Gen



Product also used for Layer Pullets





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#### 8W Multi-Adapter Light Mini for Layers (MLM-R)

Spectrum/Light Recipe: Dim-to-Red

#### Features:

- 8W, 230VAC, 2700K, 650 lm, efficacy 80 lm/W, very wide beam angle
- Installation: Screw Base
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 86mm length x 82mm tall. Weight per piece 0.152kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 3 years
- \* Installation options include junction box mount, Jelly jar mount or suspension (drop-cord) mount using MLM adapters (sold separately)

Order number: SKU 1000000748

Description: MLM 600/WR20 230V BU/T VWB Gen 3



Mounting adapter required for installation - sold separately

#### **NatureDynamics DOME - 120V**

Spectrum/Light Recipe: Multispectral light output, 3 channel, optimized for Redlite recipe

#### Features:

- 12W, 120V, 1100 lm, efficacy 92 lm/W, extra wide beam angle
- Installation: Base unit to be used in combination with a junction box (Adapter sold separately)
- · Shockproof plastic cover
- Dimming: Recipe controlled, 0 to 100%
- Product size and weight: 87mm diameter x 145mm length. Weight per piece 0.244kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK03 impact rating, IEC Class II, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years
- \*Suitable for combination with lighting fixture ND Dome Junction box adapter kit base (to be ordered separately) \*

Order number: SKU 1000000967

Description: ND-DOME 900/MS30 120V IA1 VWB



Broilers, and Breeders

Product also used for Laver Pullets

Broilers, and Breeders



#### **NatureDynamics DOME - 230V**

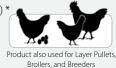
Spectrum/Light Recipe: Multispectral light output, 3 channel, optimized for Redlite color recipe

#### Features:

- 12W, 230V, 1100 lm, efficacy 92 lm/W, extra wide beam angle
- Installation: Base unit to be used in combination with a junction box (Adapter sold separately)
- · Shockproof plastic cover
- Dimming: Recipe controlled, 0 to 100%
- Product size and weight: 87mm diameter x 145mm length. Weight per piece 0.244kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- · Ratings and Certifications: IP66, IK03 impact rating, IEC Class II, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years
- \*Suitable for combination with lighting fixture IUL base (to be ordered separately) \*

Order number: SKU 1000000966

Description: ND-DOME 900/MS30 230V IA1 VWB





#### Single Tube - Tube Light for Layers (TLL)

Spectrum/Light Recipe: Dim-to-Red

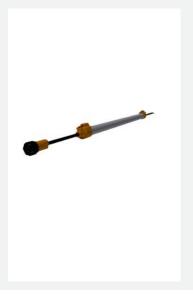
#### Features:

- 3W, 120V, 60Hz, 2200K, 170 lm, efficacy 57 lm/W, very wide beam angle
- Installation: Single tube assembly with cables is 60" long (tubes are connected in series)
- Dimming: Fully dimmable
- Product size and weight: 26.6mm diameter x 1382mm length. Weight per piece 0.25kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IK07 impact rating, IEC Class II, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years
- \*Required accessories: starter/extension cable and end cap

Order number: SKU 1000000849

Description: TLL 168/WR40 120V 1T/60 WB Gen 3





#### **Double Tube - Tube Light for Layers (TLL)**

Spectrum/Light Recipe: Dim-to-Red

#### Features:

- 6W, 120V, 60Hz, 2200K, 340 lm, efficacy 57 lm/W, very wide beam angle
- Installation: Double tube assembly with cables is 110" long (tubes are connected in series)
- Dimming: Fully dimmable
- Product size and weight: 26.6mm diameter x 2761mm length. Weight per piece 0.56kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class II, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years
- \*Required accessories: starter/extension cable and end cap

Order number: SKU 1000000841

Description: TLL 331/WR40 120V 2T/110 WB Gen 3







Spectrum/Light Recipe: Bright White

#### Features:

- 8.5W, 120V, 60Hz, 5000K, 1200 lm, efficacy 140 lm/W, very wide beam angle, dual asymmetric beam spread
- Installation: Double tube 97"long (in-series) | Double tube 91" long (stringer-tube)
- Dimming: Fully dimmable
- Product size and weight: 25.6mm diameter x 2463mm length. Weight per piece 0.632kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK06 impact rating, IEC Class II, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years
- \*Accessories required: starter cable and end cap, stringer (when applicable)

#### Order number:

In-series SKU 1000000951 and stringer-tube version: SKU 1000001065 Description: TLUS 1240/W50 120V 2T/097 WB Gen 3





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#### Single Tube - Tube Light Under-System (TLUS)

Spectrum/Light Recipe: Bright White

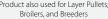
#### Features:

- 4.2W, 120V, 60Hz, 5000K, 600 lm, efficacy 140 lm/W, very wide beam angle, dual asymmetric beam spread
- Installation: Single tube with cables is 55" long
- Dimming: Fully dimmable
- Product size and weight: 25.6mm diameter x 1397mm length. Weight per piece 0.353kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK06 impact rating, IEC Class II, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years
   \*Accessories required: starter cable and end cap

Order number: SKU 1000000952

Description: TLUS 620/W50 120V 1T/055 WB Gen 3  $\,$ 







#### Single Tube - Tube Light for Pullets (TLP)

Spectrum/Light Recipe: For use with the Junglite light recipe

#### Features:

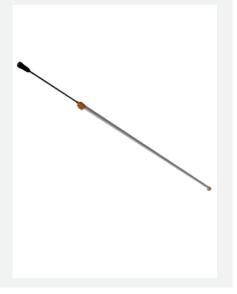
- 3.5W, 120V, 60 Hz, 8500K, 250 lm, efficacy 72 lm/W, very wide beam angle spread
- Installation: Single tube with cable is 60" long (tubes are connected in series)
- Dimming: Fully dimmable with sunrise/sunset function
- Product size and weight: 26.6mm diameter x 1524mm length. Weight per piece 0.26kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK06 impact rating, IEC Class II, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years
- \*Accessories required: starter/extension cable and end cap

Order number: SKU 1000000505

Description: TLP 250/WB40 120V 1T/60WB Gen 3



Product also used for Layer Pullets, Broilers, and Breeders



#### **Double Tubes - Tube Light for Pullets (TLP)**

Spectrum/Light Recipe: Junglite Green

#### Features:

- 7W, 120V, 60 Hz, 8500K, 500 lm, efficacy 72 lm/W, very wide beam angle
- Installation: Double tube with cables is 194" long (tube is connected in series)
- Dimming: Fully dimmable with sunrise/sunset function
- Product size and weight: 26.6mm diameter x 1524mm length. Weight per piece 0.75kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- · Ratings and Certifications: IP66, IK06 impact rating, IEC Class II, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years
- \*Accessories required: starter/extension cable with end cap

Order number: SKU 1000000551

Description: TLP 500/WB40 120V 2T/194 WB





#### **Straight-Through Feed Line Light (EL)**

Spectrum/Light Recipe: Full Spectrum Dim-to-Red

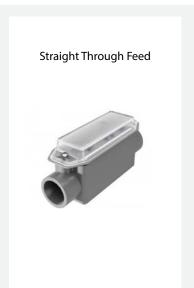
#### Features:

- 3W, 120VAC, 5000K, 175 lm, very wide beam angle
- Installation: aisle lighting, using standard ½" PVC conduit body
- Dimming: Smooth dimming 100% to 5% using the Once Control/Dimmer
- Product size and weight: 103.9mm length x 34.6mm wide x 11mm tall. Weight per piece 0.042kg/0.094Lbs
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IEC protection: Class I, Shock resistance rating: IK03
- Warranty: Rated life >50,000 hours and 5 years

Order number: SKU 1000000611

Description: EL 132/WR50 120V HW WB







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**SWINE** 



### **SWINE PRODUCTS AND OFFERINGS**







	Swine	Swine	Swine Heat Lamps	
Product family	Multi-adapter light mini for swine	Multi-adapter light for swine		
Spectrum/Light Recipe	Dim-to-Red	Dim-to-Red	Clear	
Lumen output	1100	1500		
Power	10W	14W	125W and 175W Available	
Efficacy	110 lm/w	110 lm/w		
Color Temperature	4900K	5000K		
Sustainable	2/3	2/3	Yes	
Designed for Animal Use	Yes	Yes	Yes	
Benefits	Dusk and dawn simulation to reduce stress. Monochromatic red at night as a utility light won't interfere with circadian rhythm.	Dusk and dawn simulation to reduce stress. Monochromatic red at night as a utility light won't interfere with circadian rhythm.	Ensure your pigs receive the appropriate warmth essential for a great start to their health and well-being.	
Mounting	Base unit with Junction box	Base unit with junction box		
IP Rating (water and dust resistance)	IP66	IP66	IP66	
IK Rating (product resistance to damage)	IK07	IK07	Shatter-proof	
Dimmability	1%-100%	1%-100%	Dimmable	
Certifications (compliant with country regulations)	UL/CSA	UL/CSA	IEC Class II, Shatter-proof	
Expected Product Lifetime	L70 @ 50k hours	L70 @ 50k hours	5000 hours	
Warranty	5 years	5 years	90 days	

#### 10W Multi-Adapter Light Mini for Swine (MLM-S)

Spectrum/Light Recipe: Dim-to-Red

#### Features:

- 10W, 120V, 4900K, 1100 lm, efficacy 110 lm/W, wide beam angle
- Installation: Base Unit
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 86mm diameter x 82.5mm length. Weight per piece 0.152kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years

\*Installation options include junction box mount, Jelly jar mount or suspension (dropcord) mount using MLM adapters (sold separately) \*

Order number: SKU 1000000772

Description: MLS 1500/SWR 120V BU/T VWB GEN 3

#### **Base Unit**



Mounting adapter required for installation - sold separately

#### 14W Multi-Adapter Light for Swine (MLS)

Spectrum/Light Recipe: Dim-to-Red

#### Features:

- 14W, 120V, 5000K, 1500 lm, efficacy 110 lm/W, Tall Lens with very wide beam angle
- Installation: Base Unit
- Dimming: Smooth dimming 100% to 1% using the Once Control/Dimmer
- Product size and weight: 87.5mm diameter x 106.5mm tall. Weight per piece 0.280kg
- Operating temperature -10°C to 40°C / -4°F to 104°F
- Ratings and Certifications: IP66, IK07 impact rating, IEC Class I, UL/CSA certified
- Warranty: Rated life >50,000 hours and 5 years

\*Installation options include junction box mount or Jelly jar mount using MLM adapters (sold separately)

Order number: SKU 1000000602

Description: MLS 1500/SWR 120V BU/T VWB GEN 3

**Base Unit** 



Mounting adapter required for installation - sold separately



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#### 125W Heat Lamp, Clear

Spectrum/Light Recipe: White

#### Features:

- 125W, 120V, 60 Hz, infrared, PAR 38, Clear
- Incandescent PA
- Installation: Screw base
- Dimming: Dimmable heat lamp
- Product size and weight: 121mm diameter x 135mm tall. Weight per piece 0.308kg
- Ratings and Certifications: IEC Class II, Shatter-proof
- Warranty: Rated life >5000 hours and 90 days

Order number: SKU 1000000993

Description: IR 125PAR38/HEAT/CL/AG 120V



#### 175W Heat Lamp, Clear

Spectrum/Light Recipe: White

#### Features:

- 175W, 120V, 60 Hz, infrared, PAR 38, Clear
- Incandescent PA
- Installation: Screw base
- Dimming: Dimmable heat lamp
- Product size and weight: 121mm diameter x 135mm tall. Weight per piece 0.308kg
- Ratings and Certifications: IEC Class II, Shatter-proof
- Warranty: Rated life >5000 hours and 90 days

Order number: SKU 1000000767

Description: IR 175PAR38/HEAT/CL/AG 120V 12/1





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BIOSECURITY

#### **BioShift UV-C Chamber, Small Unit**

- Small chamber with two doors (one in the front and one in the back)
- 120-240V, 50/60Hz
- Outside dimensions 23 L x 29.5 W x 23.6 H inches (585 L x 750 W x 600 H mm)
- · Stainless steel
- Touch-screen control panel
- IP50, safety class I, UL/CSA Certified
- UV 20W Light bulbs (4)
- · Net weight: 50 kg/100 lbs
- · Warranty: 2 years

Includes: drip tray, 1-pack of UVC intensity monitoring cards, safety glasses, 1.5m power cable

Order number: SKU 1000000372



#### **BioShift UV-C Chamber, Extra-large Unit**

- Extra-large chamber with two doors (one in the front and one in the back)
- 120-240V, 50/60Hz
- Outside dimensions 46.5 L x 30 W x 72 H inches (1180 L x 762 W x 1828 H mm)
- · Stainless steel
- Touch-screen control panel
- · IP50, safety class I, UL/CSA Certified
- UV 40W Light bulbs (18)
- Net weight: 170 kg/375 lbs
- · Warranty: 2 years

Includes: drip tray, 1-pack of UVC intensity monitoring cards, safety glasses, 4 removable racks

Order number: SKU 1000000375



#### INTRODUCING THE BIOSHIFT, A TOOL FOR BIOSECURITY



A ONCE study on biosecurity in agriculture proved that a 5-minute exposure to UVC disinfection, reduced all common bacteria and viral load by a minimum of 4 log or 99.99%.

The Once BioShift is a stainless steel chamber that houses Ultraviolet-C (UVC) light.

- Chemical-free uv disinfection to maximize bio-security protocols
- Heavy-duty stainless-steel chamber
- Rugged shelving to support heavy items
- A single-entry and exit (synchronized locking) to ensure only treated items can enter a facility
- Safety-tested to ensure that UVC does not leak
- · Available in two sizes; a small and extra-large unit



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## ADAPTORS AND ACCESSORIES

#### **Edison Base Adapter Kit**

The Edison Base adapter kit can be used with all ML and MLM-series base units

#### Kit Specs:

- · Standard E26 screw base
- Operating temperature -20°C to 40°C / -4°F to 104°F
- · Product weight per piece 0.050kg/0.110lbs

Order number: SKU 1000000477 Description: MLEB 00 ADP KIT



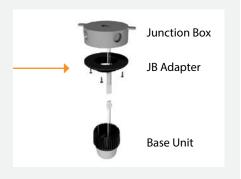
#### Multi-Adapter Light Mini, Junction Box (JB) Adapter Kit

The Junction Box adapter kit can used to mount ML and MLM-series to existing ONCE junction box. Adapter supplied with ONCE quick connect wire harness. Kit Specs:

- Operating temperature -20°C to 40°C / -4°F to 104°F
- 110mm diameter x 18mm tall
- Product weight per piece 0.054kg/0.118lbs

Order number: SKU 1000000426 Description: MLM JB 00 ADP KIT

Junction box sold separately\* see below.



#### **Junction Box**

Plastic Junction box suitable for new installations or refurbishments in barns. Featuring mounting tabs, (5) 3/4 NPT threaded holes with knockouts and standard cover hole pattern for mounting ML series adapters. Product Specs:

- Operating temperature -20°C to 40°C / -4°F to 104°F,
- · Product weight per piece 0.25kg/0.55lbs

Order number: SKU 1000000410

Description: RND NM WP Box (5) 3/4 IN. Out KO - Gray

## Junction Box

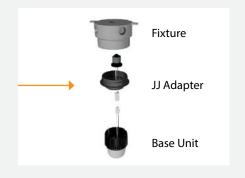
#### Multi-Adapter Light Mini, Jelly Jar (JJ) Adapter Kit

The Jelly Jar adapter kit can be used to mount ML and MLM-series to existing Jelly Jar type of fixtures. The adapter kit contains (1) 84MM screw base and (1) E26 to ML quick-connect wire harness assembly.

#### Kit Specs:

- Operating temperature -20°C to 40°C /-4°F to 104°F
- 110mm diameter x 58.5mm tall
- Product weight per piece 0.079kg/0.173lbs

Order number: SKU 1000000418 Description: MLM JJ 00 ADP KIT



#### NatureDynamics Dome JB Adapter Kit (Qty 10 Kits)

Used between NatureDynamics DOME and ONCE US junction box, this kit contains (1) threaded adapter, (2) silicone sealing gaskets and (4) mounting screws. Kit Specs:

- · Box of 10 kits
- Operating temperature -20°C to 40°C /-4°F to 104°F

Order number: SKU1000000853

Description: ND DOME JB Adapter Kit 10 (Qty 10 Kits)



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#### Multi-Adapter Light Mini, Hard Wire (HW) adapter

The Hard Wire adapter can be used with all ML series base units. The adapter suspends a ML or MLM light two meters from the junction box.

#### Product specs:

- Operating temperature -20°C to 40°C / -4°F to 104°F
- · 72mm diameter x 2000mm tall
- · Product weight per piece 0.236kg/0.520Lbs
- · Also available in 1m and 2ft. lengths

Order number: SKU 1000000473 Description: MLM HW 00 2M ADP KIT



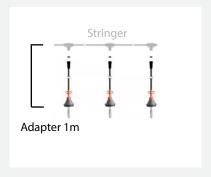
#### Stringer Adapter (STC) - 1m overall length

The 1m Stringer Adapter attaches a ML or MLM-series light to a STC stringer. The assembly is equipped with the ML and MLM quick-connect wire harness.

#### Product specs:

- Operating temperature -20°C to 40°C / -4°F to 104°F
- · Product weight per piece 0.30kg/0.66lbs

Order number: SKU 1000000640 Description: ML STA 00 1M



#### Stringer Adapter (STC) - 2m overall length

The 2m Stringer Adapter attaches a ML or MLM-series light to a STC stringer. The assembly is equipped with the ML and MLM quick-connect wire harness.

#### Product specs:

- Operating temperature -20°C to 40°C / -4°F to 104°F
- · Product weight per piece 0.60kg/1.32lbs

Order number: SKU 1000000406 Description: ML STA 00 2M



#### **NatureDynamics Dome Drop Cord Kit**

The 2m Dome Drop Cord suspends a NatureDynamics Dome light 2m from a ceiling-mounted junction box. This contains (1) drop cord, 1 silicone gasket and (2) lever-lock connectors.

#### Kit specs:

- Operating temperature -10°C to 40°C / 14°F to 104°F
- · Product weight per piece 0.35kg/0.77lbs

Order number SKU: 1000000931 Description: ND Dome Drop Cord 2m



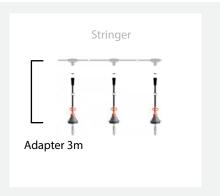
#### Stringer Adapter (STC) - 3m overall length

The 3m Stringer Adapter attaches a ML or MLM-series light to a STC stringer. The assembly is equipped with the ML and MLM quick-connect wire harness.

#### Product specs:

- Operating temperature -20°C to 40°C / -4°F to 104°F. P
- Product weight per piece 0.90kg/1.98lbs.

Order number: SKU 1000000562 Description: ML STA 00 3M



#### Stringer Adapter (STC) - 12" overall length

The 12 inches Stringer Adapter attaches a ML or MLM-series light to a STC stringer. The assembly is equipped with the ML and MLM quick-connect wire harness.

#### Product specs

- Operating temperature -20°C to 40°C / -4°F to 104°F
- · Product weight per piece 0.25kg/0.55lbs

Order number: SKU 1000000641 Description: ML STA 00 1FT



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#### Starter Cable - 4ft OAL

The STC Starter cable is used to connect a power source to the STC stringer cable. Featuring a female SC31 connector on one end, stripped wire leads on the other end. This 14AWG 3 conductor cable cable is 4ft in length.

#### Product specs:

- Operating temperature -20°C to 40°C / -4°F to 104°F
- Product weight per piece 0.35kg/0.77lbs
- Female SC31 connector

Order number: SKU 1000000642 Description: ML STR 00 4FT



#### Stringer Cable (STC) - 80ft

The Stringer Cable is a fixed length cable with T connections for attachment of Drop cords.

#### Product specs:

- Operating temperature -20°C to 40°C / -4°F to 104°F.
- · Product weight per piece 3.78kg/8.316lbs
- (10) T Connections at 8ft spacing
- 3-pin male SC31 connector

Order number: SKU 1000000420 Description: ML STC 00 24M 10C



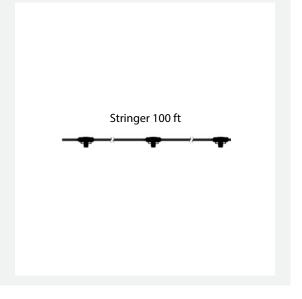
#### Stringer Cable (STC) - 100ft

The Stringer Cable is a fixed length cable with T connections for attachment of Drop cords.

#### Product specs:

- Operating temperature -20°C to 40°C / -4°F to 104°F
- Product weight per piece 4.725kg/10.395lbs
- (10) T Connections at 10ft spacing
- 3-pin male SC31 connector

Order number: SKU: 1000000639 Description: ML STC 00 30M 10C





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## CONTROLLERS AND DIMMERS

#### Controller, LCL, 120VAC - 60 Hz

A farm lighting controller with two built-in dimming channels. Featuring: AC phase-cut dimming, (2) 1,000 W, 8.34 amp dimming channels, programmable light recipes up to 500 days (20 light events per day).

#### Product specs:

- 120 VAC, 60 Hz
- 221mm Width x 269mm Length x 139mm Depth
- Operating temperature 0°C to 40°C / 32°F to 104°F
- · Product weight per piece 3.00kg/6.60lbs
- · Warranty: 36-months

Order number: SKU 1000000479 Description: AGMD 00 120V-60Hz

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#### Dimmer, LEL, 120VAC

A farm lighting two-channel dimmer featuring: AC phase-cut dimming, (2) 1,000 W, 8.34 amp dimming channels. Controlled by farm computer, 0-10V DC input signal or manually.

#### Product specs:

- 120 VAC, 60 Hz
- · 221mm Width x 269mm Length x 139mm Depth
- Operating temperature 0°C to 40°C / 32°F to 104°F
- Product weight per piece 3.00kg/6.60lbs
- · Warranty: 36-months

Order number: SKU 1000000464 Description: AGSD 00 120V-60Hz



#### Controller, LCL, 230VAC - 50 Hz

A farm lighting controller with two built-in dimming channels. Featuring: AC phase-cut dimming, (2) 1,000 W, 4.1 amp dimming channels, programmable light recipes up to 500 days (20 light events per day).

#### Product specs:

- · 230VAC, 50 Hz
- · 221mm Width x 269mm Length x 139mm Depth
- Operating temperature 0°C to 40°C / 32°F to 104°F
- Product weight per piece 3.00kg/6.60lbs
- · Warranty: 36-months

Order number: SKU 1000000912 Description: AGMD 00 230V-50Hz



#### Controller, LCL, 230VAC - 60 Hz

A farm lighting controller with two built-in dimming channels. Featuring: AC phase-cut dimming, (2) 1,000 W, 4.1 amp dimming channels, programmable light recipes up to 500 days (20 light events per day).

#### Product specs:

- · 230VAC, 60 Hz
- · 221mm Width x 269mm Length x 139mm Depth
- Operating temperature 0°C to 40°C / 32°F to 104°F
- · Product weight per piece 3.00kg/6.60lbs
- · Warranty: 36-months

Order number: SKU1000000863 Description: AGMD 00 230V-60Hz





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#### **LED Surge Protector**

A wall-mounted surge protector with single phase protection and LED indicator.

#### Product specs:

- 120-277 VAC, 50/60 Hz
- 20 KV max surge
- 50 mm Width x 60 mm Length x 34 mm Depth
- Operating temperature: -35C to 75C/-30F to 165F
- · Product weight per piece: 0.3lb/0.14kg
- Ratings and Certifications: UL/CSA certified, NEMA 6P rated

Order number: SKU 1000000968

Description: Surge protector with LED indicator



#### **Precision Dimmer - 120VAC**

A farm lighting two-channel dimmer featuring: AC phase-cut dimming, (2) 1,200 W, 10 amp dimming channels. Controlled by farm computer, 0-10V DC input signal or manually.

#### Product specs:

- 120 VAC, 60 Hz
- 172mm Depth x 84.4mm Length x 202mm Width
- Operating temperature -20°C to 40°C / -4°F to 104°F
- · Product weight per piece 2.68kg/5lbs
- · Ratings and Certifications: UL/CSA

Order number: SKU1000001041

Description: PLS MR4 2400 STD, 120VAC



We're excited to help you find the perfect product for your needs. On this page, we'll guide you through the process of purchasing our products, from selecting the right item to checking out and receiving your order.

1

#### **STEP 1: BROWSE OUR PRODUCT SOLUTIONS AND OFFERINGS**

The first step in buying our products is to browse our selection. You can find our products in this catalog and also online at www.once.lighting. Our website is easy to navigate, with clear categories and filters to help you find what you're looking for. Our dedicated animal lighting experts are here to help you with a lighting plan for your barn or operation, please reach out at +1 (763) 297-9179.

2

#### **STEP 2: SELECT THE RIGHT ITEM**

Once you've found a product you're interested in reach out to our customer service team for a quote at +1 (763) 297-9179. We are ready to assist you during standard business hours, Monday-Friday, 8AM-4PM central time.

3

#### **STEP 3: WHERE TO BUY**

Once you've selected the right item, contact your Once by Signify account manager or your local equipment dealer. If you have any questions regarding installation, don't hesitate to reach out to our customer service team or your account manager.

#### Find a Once by Signify Account Manager near you;

#### America

- · Western US | Aqua, Broiler, Breeder, Duck, Pullet, Turkey Chad Teer, chad.teer@signify.com
- Eastern US | Aqua, Broiler, Breeder, Duck, Pullet, Turkey Jason King, jason.king\_1@signify.com
- Layer Dyke Addis, dyke.addis@signify.com
- Aqua, Swine, Biosecurity Pat Murphy, pat.murphy@signify.com

Europe – Sebastian Haskamp, sebastian.haskamp@signify.com

LATAM – Ramiro Robles, ramiro.robles@signify.com

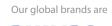
Canada - Pat Murphy, pat.murphy@signify.com

#### LOOKING FOR LIGHTS FOR AQUACULTURE, HORTICULTURE OR CANNABIS?

Contact us at once.info@signify.com and we will connect you to the right team!

We hope this guide has helped you understand how to buy our products. If you have any further questions or concerns, don't hesitate to contact us. We're always here to help you find the perfect product for your needs.











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