

ND-DOME 900/MS40 230V IA1 VWB



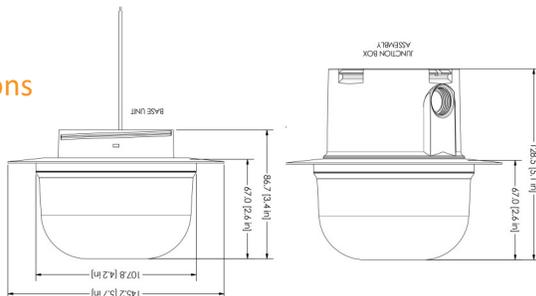
- *No flicker, even when dimming below 5%*
- *Wireless lighting with remote monitoring app*
- *Dynamic spectrum directs desirable behaviors in animals and can be adjusted to improve welfare*
- *Highly efficient LED with lifetime >50,000 hours*
- *Optimal light distribution*

Introducing a dynamic lighting solution

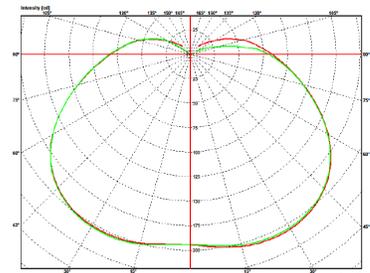
Improve animal welfare while experiencing optimal results with the NatureDynamics Dome. This customizable LED-based luminaire features an advanced and intuitive light spectrum that is designed to meet the individual needs of every species at all stages of growth.

With this new, revolutionary and future-proof lighting solution, farmers now have maximum zoning flexibility and easy light recipe management through an app-based platform. By utilizing our scientifically proven light recipes (spectrum, intensity and schedule) the ideal lighting to solve daily challenges, improve animal welfare and achieve optimal results is a touch away.

Dimensions



Beam Spread



Visit our website for more information: www.once.lighting

Specifications and Ordering

ND-DOME 900/MS40 230V IA1 VWB Specs

Nominal power	12W
Luminous flux - human photopic	1100 lm
Luminous flux - poultry photopic	-
Initial LED luminaire efficacy	91 lm/W
Input voltage	220-240 VAC
Input frequency	60 Hz or 50/60 Hz
Driver included	Yes
Surge protection	Overheat and fuses
Inrush current	3.5A @230VAC
Inrush time	4µs
Power consumption tolerance	+/- 10%
Power factor	0.9
Beam angle	Wide beam
Driver failure rate at 50k hrs	<10%
Warranty period	5 years
Recyclable	Yes
HS code	85395000
Country of origin	Poland

Spectral Output and Dimming Specifications

Dimmable	Yes
Dimmable range	100% to 0%
Spectral output	RGB (Dim-to-Red optimized)

Operating and Mechanical Specifications

Operating temperature	-10°C to 40°C / 14°F to 104°F
Rated Life	>50,000 hours
Lens material	PMMA
Housing material	PC
Diameter	14.9cm
Height	9.4cm
Length	-
Width	-
Mount / Adaptor	IUL Base
Connection	2 conductor wire lead
Control interface	ZigBee controller PMW
Product weight per piece	0.22 Kg / 0.495 Lbs

Safety and Certifications

CE Mark	Yes
RoHS Compliant	Yes
ANSI/UL	Yes
CB	Yes
Flammability mark	-
ECO energy classification	Exempt
IEC protection class	Class II
IK impact rating	IK03
IP Code	IP66

Ordering Information

Description	SKU	Order code
ND-DOME 900/MS40 230V IA1 VWB	1000000966	929002100647

**Contact us
or learn more at:**
www.once.lighting

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Revised 12/2022 Data subject to change