

ND-DOME 900/MS40 230V IA1 VWB



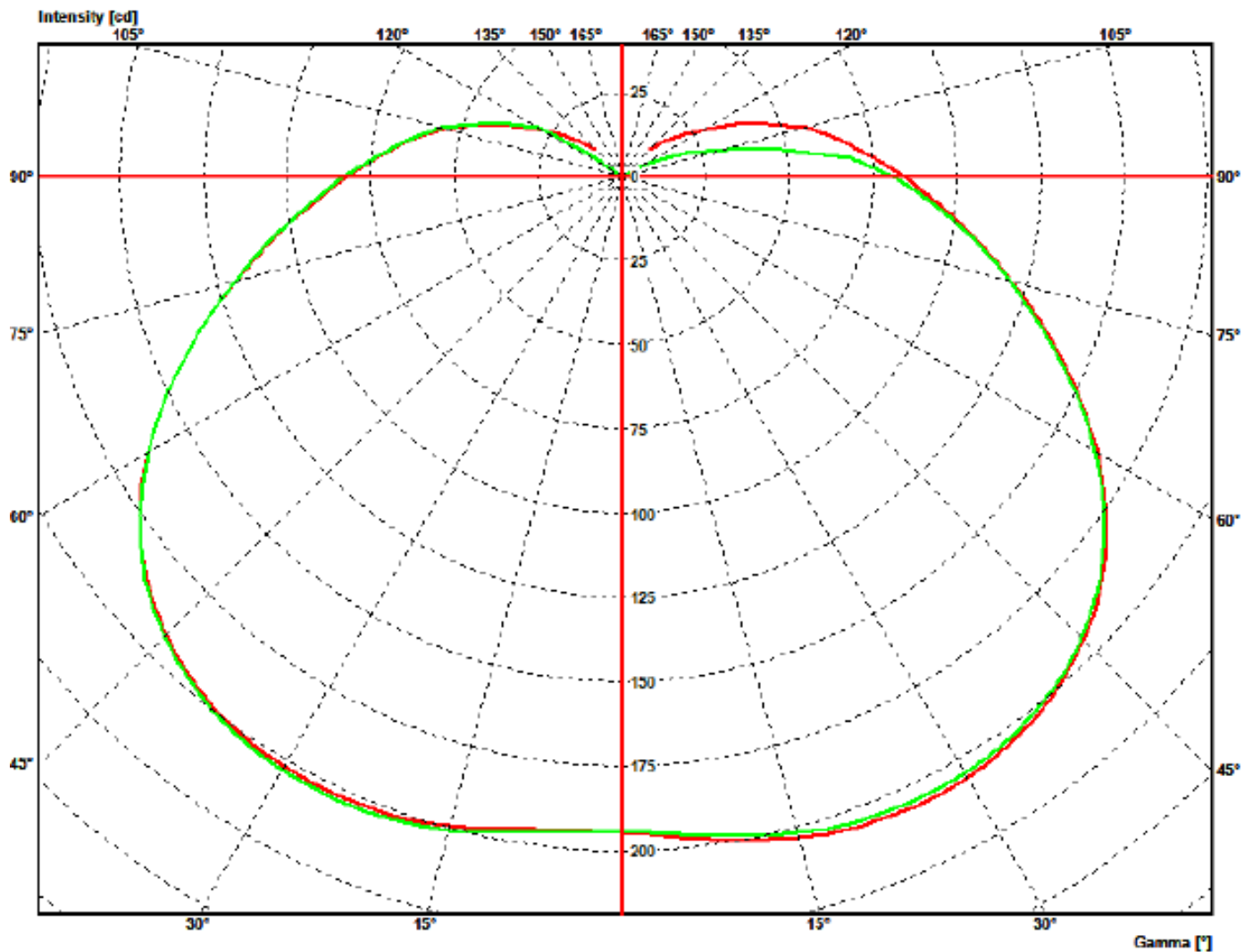
- *No flicker, even when dimming below 5%*
- *Wireless lighting with remote monitoring app*
- *Dynamic spectrum directs desirable behaviors in animals and can be adjusted to improve welfare*
- *Highly efficient LED with lifetime >50,000 hours*
- *Optimal light distribution*

Introducing a dynamic lighting solution

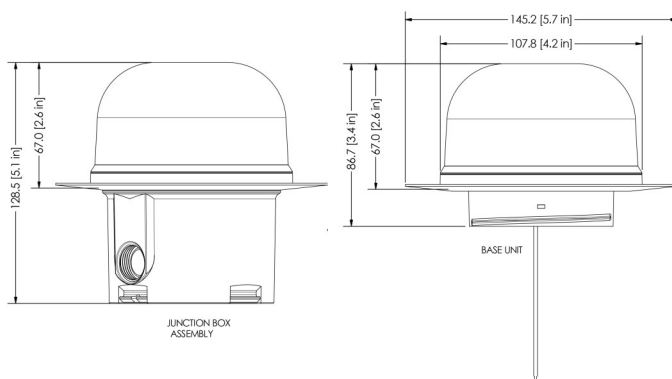
Improve animal welfare while experiencing optimal results with the ND-DOME 900/MS40 230V IA1 VWB NatureDynamics Dome. This customizable LED-based luminaire features an advanced and intuitive light spectrum that is designed to meet the individual needs of every species at all stages of growth.

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.

Beam Spread



Dimensions



Specifications and Ordering

ND-DOME 900/MS40 230V IA1 VWB Specs

Nominal power	12W
Luminous flux - human photopic	1100 lm
Luminous flux - poultry photopic	-
Luminous Flux melonopic	-
Initial LED luminaire efficacy	92 lm/W
Input voltage	230 VAC
Input frequency	50/60 Hz
Driver included	Yes
Surge protection	MOV/FUSE
Inrush current	3.4A
Inrush time	40µs
Power consumption tolerance	+/- 10%
Power factor	0.9
Beam angle	Very Wide
Beam spread	Dual asymmetric
Driver failure rate at 50k hrs	<5%
Warranty period	5 years
Recyclable	No
HS code	9405.19.8020
Country of origin	Poland

Spectral Output and Dimming Specifications

Dimmable	Yes
Dimmable range	100% to 0%
Spectral output	Tunable

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	145mm
Height	87mm
Length	-
Width	-
Mount / Adaptor	IUL BASE
Connection	IUL Base
Control interface	Philips Gateway, ZigBee controlled PWM
Product weight per piece	0.244 Kg / 0.538 Lbs

Safety and Certifications

CE Mark	Yes
RoHS Compliant	Yes
ANSI/UL	-
Can/CSA STD	-
Flammability mark	-
ECO energy classification	-
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

Spectrum

Our Junglite Green technology targets poultry-specific color sensitivities to benefit all growth stages.



Contact us

or learn more at:

www.once.lighting

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Revised 2/2021 Data subject to change