

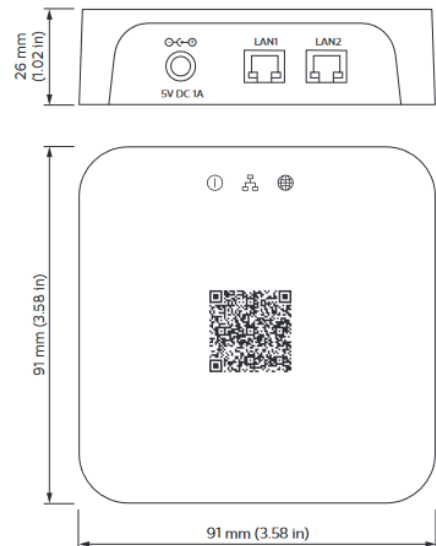
## NatureDynamics Zigbee Gateway



- Zigbee mesh gateway for secure, reliable lighting control
- Lighting systems of up to 200 luminaires can be controlled with a single gateway
- Software and Light recipe hosted on the gateway controls
  - photo period of each day
  - light intensity throughout the day
  - light color spectrum throughout the day
- NatureDynamics system provides the optimal lighting for the performance and well-being of your animals.

## Invest in the quality of your lighting system

The NatureDynamics Zigbee Gateway creates a strong mesh network to communicate with the NatureDynamics luminaires. The gateway contains all of the intelligence necessary to control the luminaires characteristics to provide the optimal illumination for the performance and well being of the animals at each growth stage. Each gateway and software are capable of controlling up to 200 luminaires that can be divided into multiple zones and controlled independently. The gateway software utilizes a light recipe that controls the daily hours of illumination, the light intensity, and color spectrum throughout each day.



Dimensions

# Specifications and Ordering

## LCN1870/05 Wireless Gateway Specifications

Nominal power	2.5W @ 5VDC
Input voltage	115VAC - 240VAC
Input frequency	50/60 Hz
Power input	-
Power output	-
Power consumption tolerance	-
Power factor	-
Inrush current	-
Inrush time	-
Electrical protection	-
Control interface	Ethernet/Zigbee PRO
Warranty period	3 years
HS-Code	90328900
Country of origin	China

## Operating and Mechanical Specifications

Operating temperature	-20°C to 45°C / -4°F to 113°F
Maximum devices	200 ND luminaires
Connection	(2) RJ45 10/100BaseT Ethernet
Diameter	-
Height	91mm/3.58in
Length	91mm/3.58in
Width	26mm/1.02in
Mount	Mounting bracket
Housing material	ABS
Color	Signal white
Product Weight per Piece	0.18 kg/0.40 Lbs pc.

## Safety and Certifications

Electrical protection	-
Alarms	Network connection LEDs, Power LED
CE mark	Yes
RoHS compliant	Yes - RoHS/Reach
FCC	Yes
Flammability mark	-
IEC protection class	Class II
IK impact rating	-
IP code	-

## Ordering Information

Product name	SKU	Order Code
LCN1870/05 Wireless Gateway	1000000829	913701042113

Your official Once dealer

**Ruby 360**

INTEGRATED AGRICULTURAL SOLUTIONS

1-888-218-7829 sales@ruby360.ca

40 Woodstock St. N., Tavistock, ON NOB 2R0

**ruby360.ca**

**once**  
by **signify**

© 2021 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Revised 2/2021 Data subject to change