

LED BARN LIGHT · 60 / 80 / 100 W

Barn light

Slim, light-weight die-cast body with fin cooling, a quick-mount plate for hands-free wiring, and a plug-in sensor. Power and color temperature are set with dip switches.

120 lm/W	60–100 W	50,000 h	120–347 V
LIGHTING EFFICIENCY	SELECTABLE WATTAGE	LIFE SPAN, MINIMUM	WORKING VOLTAGE, AC

PROJECT _____ TYPE _____ CATALOG NO. _____ DATE _____

UL CERTIFIED · FC · DLC LISTED

Specification and features

For new construction or retrofit: wall mounting with a quick plate, or pole mounting with the arm.

WORKING VOLTAGE	AC120–277V / AC120–347V	WATTAGE	100 / 80 / 60 W
CCT	3500 K / 4000 K / 5000 K	LIGHTING EFFICIENCY	120 lm/W
CRI	Ra > 70	POWER FACTOR	> 0.9
LED	SMD 2835	LAMP SHELL	Black
OPERATING TEMPERATURE	-40°F to 113°F	STORAGE TEMPERATURE	-40°F to 158°F
ENVIRONMENT	Wet location	LIFE SPAN	≥ 50,000 h
WARRANTY	5 years	SAFETY	UL certified · file E519477

Features

Plug and play sensor.

Fin design: the grooves between the fins help heat dissipation.

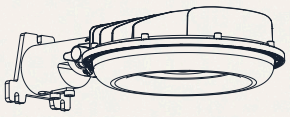
Professional light distribution with high-reflectivity reflectors, 120° beam angle available. Lens light transmission is over 90%.

Complies with UL certification, safe and reliable.

Power-tunable and CCT-selectable functions available.

An EM driver can be installed; the plug sensor can be added by the customer.

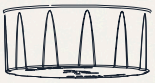
Options and accessories



PC lens with sensor base



Round PC lens



Plug-in sensor · A · B · C · D

Ordering guide

Catalog number breakdown

LEFT TO RIGHT

A-BN100 – UNV – CCT – WS – Y

1	2	3	4	5

1	Series	A-BN100	A- = Allmax · BN = barn light · 100 = maximum wattage in W
2	Voltage	UNV	120–277 V
3	CCT	CCT	3500 K · 4000 K · 5000 K, selected with the CCT dip switch
4	Options	WS	100 W · 80 W · 60 W, selected with the power dip switch
5	Sensor	Y	A PIR sensor (infrared) · B MS sensor (occupancy) · C BRT sensor (occupancy + bluetooth) · D PHB sensor (infrared bluetooth) · blank no sensor

EXAMPLE A-BN100-UNV-CCT-WS-Y

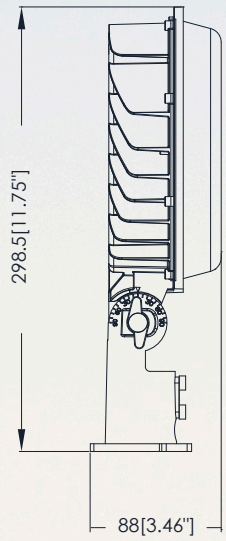
Ordering notes

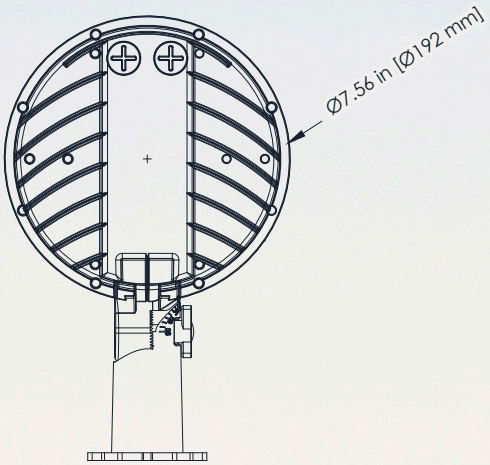
Y can be A, B, C, D or blank, representing the sensor type.

Dimensions and mounting

Millimeters [inches]. Power supply size 100/80/60 W.

100 / 80 / 60 W

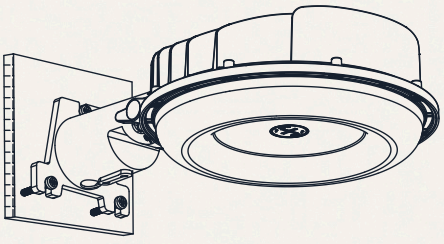




Packing

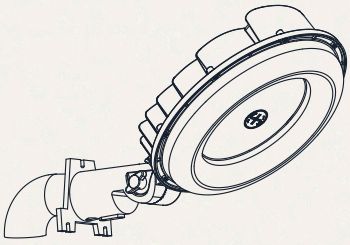
A-BN100-UNV-CCT-WS	METRIC	IMPERIAL
Inner box (L × W × H)	276 × 200 × 88 mm	10.87 × 7.87 × 3.46 in
Outer box (L × W × H)	420 × 296 × 470 mm	16.54 × 11.65 × 18.50 in
Qty / ctn	10 pcs	
N.W. / ctn	12.4 kg	27.34 lb
G.W. / ctn	15.1 kg	33.29 lb

Mounting



WALL MOUNTING

Quick-mount plate for hands-free wiring; the lamp locks onto the plate and the angle is set with the hand screw.



POLE MOUNTING

Arm fits onto the lamp pole and is tightened with the fixing screws; the angle is set with the hand screw.