



# BL2S-LED120A50

Barn/Area Light LED



## IDEAL APPLICATIONS

- ✓ Security Lighting
- ✓ Industrial Yards
- ✓ Farming
- ✓ Roadway & Landscape Lighting
- ✓ Barns

## DESCRIPTION:

The BL2S-LED fixture series is a high efficacy general purpose area light ideal for Barns, Farms, Security lighting, Industrial yards, Roadways and landscape lighting.

## FEATURES:

- Rugged die cast aluminum housing with a polycarbonate lens.
- Corrosion resistant powder coat paint finish.
- Fixture is wattage adjustable with maximum wattage of 120W. Other wattage settings offered are 50W, 80W, and 100W
- Fixture delivers maximum of 16,700 lumens at an efficacy of 139 lumens per watt.
- Operates at a temperature of -40°C to +40°C.
- ANSI 3-pin with lock photocontrol included for automatic off during daylight hours. Comes with every standard fixture, included in box.
- Photocell can be removed when not needed and replaced with a shorting cap (sold separately).
- Galvanized iron arm is sold as an option for Arm mount installation on wall and pole.
- Ideal for mounting heights of 15' - 25'.

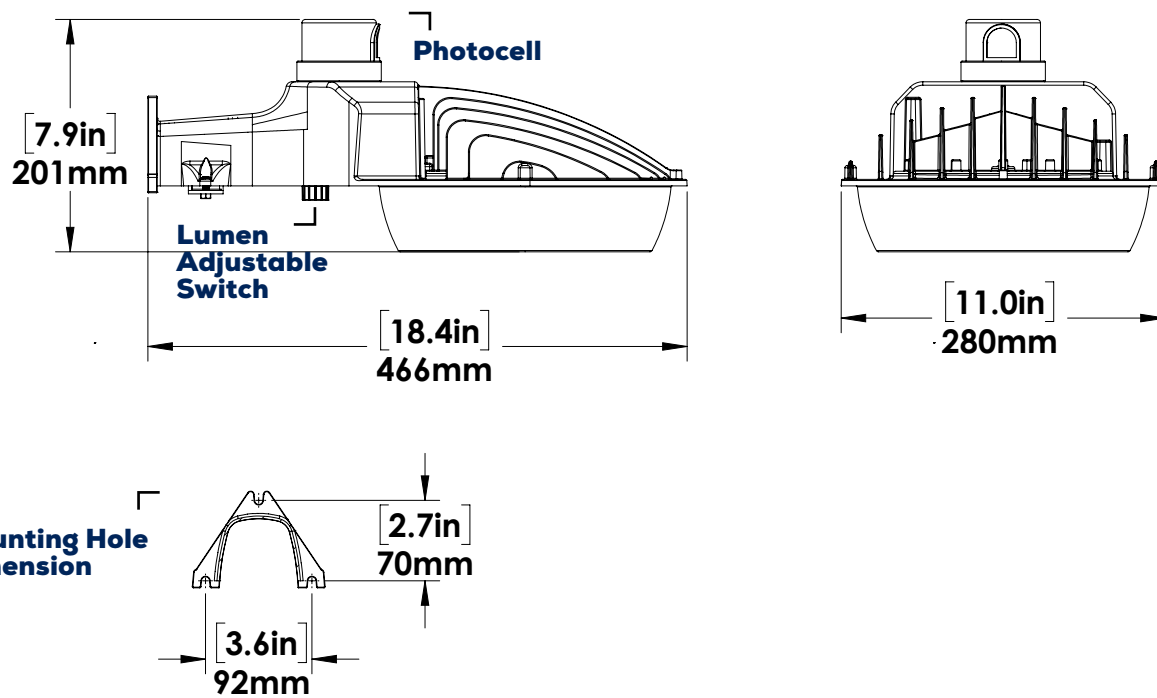
## SPECIFICATIONS

BL2S-LED120A50

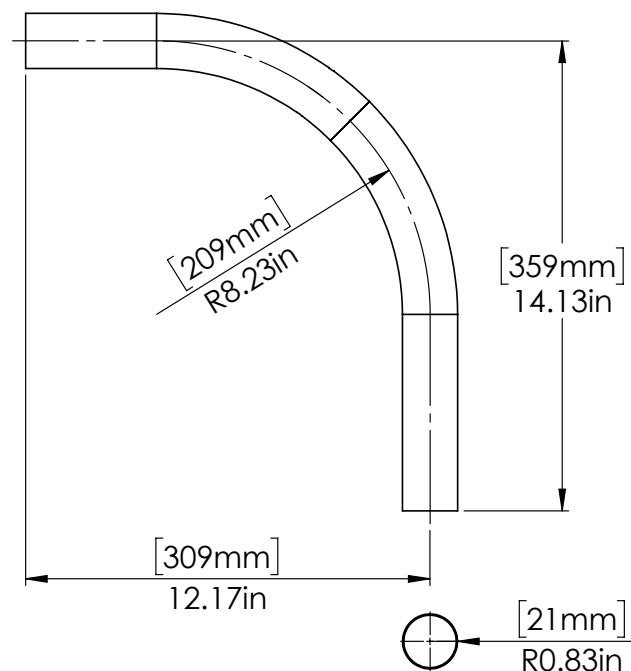
Maximum Watts (W)	120
Maximum Lumens (Lm)	16720
Efficacy (Lm/W)	139.3
Voltage	120-277V
Color Temp	5000K
CRI	72
Dimming	0-10V Dim to Off
THD	<15%
PF	0.9
Beam Distribution	90°
LED Life @ 50,000 Hours	88.6%
Housing Finish	Gray
Housing Details	Die Cast Aluminum
Lens Details	Polycarbonate Lens
Mounting	Wall Mount, Pole Mount
Power Supply Cord Length	1 m
Operating Temp.	-40°C to +40°C
Options Sold Separately	Galvanized Iron Arm
Certifications	UL, Wet Location, IP65, 5 Year Warranty, DLC Premium



## DIMENSIONS:



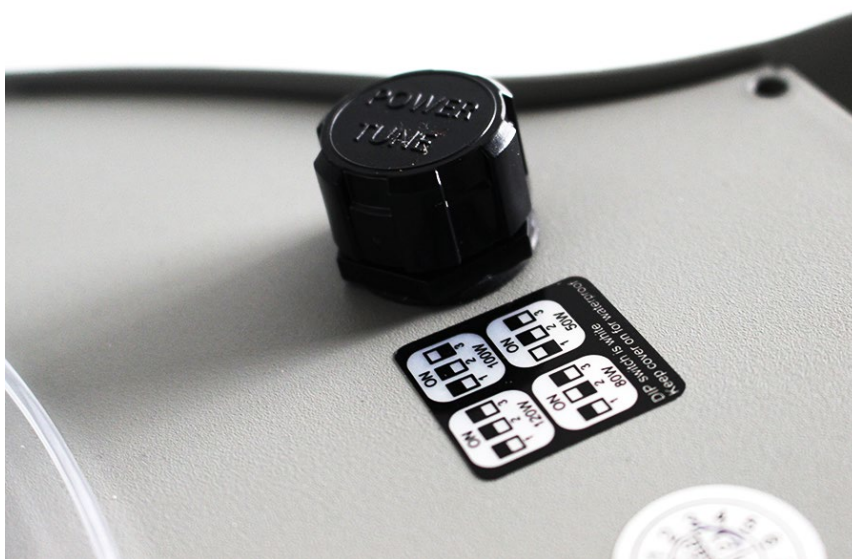
## ARM DIMENSIONS:



## LUMEN ADJUSTABLE SWITCH:

Lumens may be selected using adjustable switch installed on housing.

High output lumen adjustable fixture allows installer to select between 4 wattage settings: 50W/80W/100W/120W. Default setting of 120W.



### AMPERAGE DRAW & SURGE PROTECTION

	CURRENT (A)				SURGE PROTECTION
	120V	208V	240V	277V	120-277V
BL2S-LED	1.05A	0.61A	0.53A	0.46A	6kV

### TM-21 ESTIMATED LUMEN MAINTENANCE

	50,000 Hours	75,000 Hours	100,000 Hours
BL2S-LED	88.6%	83.2%	78.1%

### LUMEN ADJUSTABLE SETTINGS

Watts (W)	50	80	100	120
Lumens (Lm)	6965	11143	13929	16720

### WEIGHT (lbs)

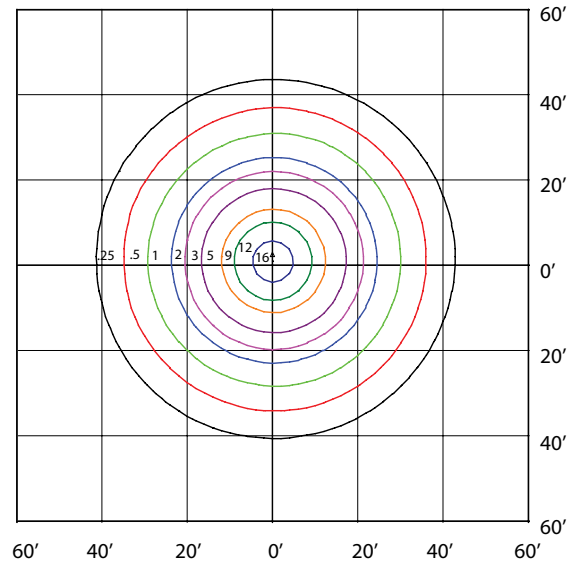
BL2S-LED	8.87
----------	------

### SPECIFICATIONS

Model Number	Voltage (V)	Power (W)	Light Output (lm)	Efficacy (lm/W)	THD (%)	PF	CCT (K)	B-U-G
BL2S-LED120A50-B-5K-XXX-DIM-PC	120-277	120	16720	139.3	15.0	0.900	5000	4-0-2

BL2S-LED120A50-B-5K-GRY-DIM-PC  
MOUNTED AT 20 FEET

Total Lumens = 16126    Mounting Height = 20 Ft    Maximum Calculated Value = 18.07 Fc



## ORDERING GUIDE:

BL2S	LED120A50	B	5K	GRY	DIM	PC
Fixture	Wattage	Voltage	Color Temp.	Finish	Dimming	Controls
	LED120A50	B - 120-277V	5K - 5000K	GRY - Gray	DIM - 0-10V Dimming	PC - Photocell

STOCK CODE	DESCRIPTION
087091	BL2S-LED120A50-B-5K-GRY-DIM-PC

## ACCESSORIES SOLD SEPARATELY

087092 - BL1S/2S ARM

080115 - SC-10 SHORTING CAP ALR