CORE SERIES

LED AREA LIGHT

LSBD CORE series



DESIGN: LED AREA LIGHT CORE SERIES puts 120 lm/W of clean 5000K light reliably, night after night. Robust aluminum housing, IP65 rated, pole-ready with a 2-ft cord included. The fixture that makes outdoor area lighting simple. Slim design with reduced weight with DOB (driver on board), delivering uniform beam illumination for consistent, even light distribution across outdoor spaces.

2-FT CORD INCLUDED: Ready to connect at the pole head without extra material or a return trip to the truck.

WIDE VOLTAGE RANGE 120-277V: Universal voltage range. Works with standard commercial circuits.

INSTALLATION: Bracket design compatible with select pole sizes, ensuring secure mounting and stable positioning for optimal lighting performance.

APPLICATION: Designed for efficient outdoor lighting of streets, highways, parking areas, pedestrian zones, and public spaces. It is also well-suited for industrial sites and residential neighborhoods where reliable, uniform illumination and energy savings are required.

ADVANTAGES: 3-year limited warranty. ETL listed. Available in 50W, 70W, 120W, and 175W.

PRODUCT PRESENTATION

MODEL	POWER	VOLTAGE	LUMENS	CCT	FINISH	DIMENSIONS	CORD	CERTIFICATION
ASD-LSBD-CORE-50N50-BK	50W	120-277V	6,052lm	5,000 K	Black	11-5/16" x 5-1/2" x 1-1/4"	2 ft	ETL(5031991)
ASD-LSBD-CORE-70N50-BK	70W	120-277V	8,282lm	5,000 K	Black	11-5/16" x 5-1/2" x 1-1/4"	2 ft	ETL(5031991)
ASD-LSBD-CORE-120N50-BK	120W	120-277V	14,506lm	5,000 K	Black	15-1/16" x 7-7/8" x 1-5/8"	2 ft	ETL(5031991)
ASD-LSBD-CORE-175N50-BK	175W	120-277V	20,853lm	5,000 K	Black	19-7/16" x 9-1/16" x 1-5/8"	2 ft	ETL(5031991)

MODEL		SCREWS INCLUDED			
		M6*16MM	M6*20MM	M6*30MM	M6*45MM
ASD-LSBD-CORE-50N50-BK	Fitting diameter	1,57"-1,85"	1,69"-1,97"	-	-
ASD-LSBD-CORE-70N50-BK		1,57"-1,85"	1,69"-1,97"	-	-
ASD-LSBD-CORE-120N50-BK		1,69"-1,97"	-	2,2"-2,48"	2,8"-3,07"
ASD-LSBD-CORE-175N50-BK		1,61"-1,9"	-	2,13"-2,40"	2,72"-3,07"

TECHNICAL PARMETERS

MODEL	MAX INPUT CURRENT	WORK ENVIRONMENT	OPERATING TEMPERATURE	POWER FACTOR	BEAM ANGLE	SURGE PROTECTION	HOUSING	LENS	CRI
ASD-LSBD-CORE-50N50-BK	0.55A	Wet location	-4°F to 104°F(-20°C to 40°C)	>0,9	135*65°	2kV	Aluminium	PC	>80
ASD-LSBD-CORE-70N50-BK	0.77A	Wet location	-4°F to 104°F(-20°C to 40°C)	>0,9	135*65°	2kV	Aluminium	PC	>80
ASD-LSBD-CORE-120N50-BK	1.35A	Wet location	-4°F to 104°F(-20°C to 40°C)	>0,9	135*65°	2kV	Aluminium	PC	>80
ASD-LSBD-CORE-175N50-BK	1.95A	Wet location	-4°F to 104°F(-20°C to 40°C)	>0,9	135*65°	2kV	Aluminium	PC	>80

ORDERING INFORMATION

MODEL	PRODUCT DIMENSIONS	WEIGHT	PCS. PER CARTON	CARTON SIZE	CARTON WEIGHT	UPC	GTIN 12
ASD-LSBD-CORE-50N50-BK	11-5/16" x 5-1/2" x 1-1/4"	1.2 lbs(0.5kg)	1	12.01" x 6.18" x 2.05"	1.5 lbs	81019020391	810190203910
ASD-LSBD-CORE-70N50-BK	11-5/16" x 5-1/2" x 1-1/4"	1.3 lbs(0.6kg)	1	12.01" x 6.18" x 2.05"	1.5 lbs	81019020392	810190203927
ASD-LSBD-CORE-120N50-BK	15-1/16" x 7-7/8" x 1-5/8"	2.1 lbs(0.9kg)	1	15.71" x 8.54" x 2.44"	2.5 lbs	81019020393	810190203934
ASD-LSBD-CORE-175N50-BK	19-7/16" x 9-1/16" x 1-5/8"	4.4 lbs(2.0kg)	1	20.08" x 9.72" x 2.44"	4.6 lbs	81019020394	810190203941

For most up-to-date spec sheets please refer to asd-lighting.com

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3 YEAR WARRANTY

INSTALLATION GUIDE

Please read all the instructions below before installation!

IMPORTANT SAFETY INFORMATION

- Make sure that the supply voltage corresponds to the rated product voltage.
- The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- If the product is damaged, do not use it.

⚠ WARNING

Risk of personal injury: read and follow all warnings and installation instructions. Keep or give to the owner for future reference.

Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

ASD® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

PACKAGE CONTENTS FOR 50W AND 70W

DESCRIPTION	QUANTITY
LED Area Light	1
Hoop (A)	1
Screw (B)	2 M16*16mm 2 M6*20mm
Box	1

A



B



PACKAGE CONTENTS FOR 120W AND 175W

DESCRIPTION	QUANTITY
LED Area Light	1
Hoop (A)	1
Screw (B)	2 M16*16mm 2 M6*30mm 2 M6*45mm
Box	1

A



B



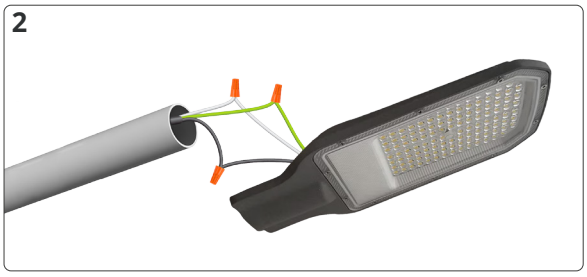
INSTALLATION STEPS

1



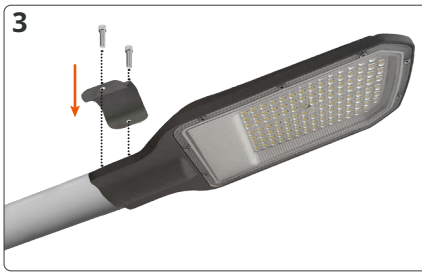
1. Remove the M6 screws from the top of the area light.

2



2. Connect the wires: Black to Live (L), White to Neutral (N), and Green to Ground (E).

3



3. Mount the street light onto the pole and tighten the M6 screws securely.