CATALOG #:	
PROJECT:	
TYPE:	DATE:

N2SB LED Area Light/Shoe Box Series

Wattages: 60W, 100W, 150W, 200W, 300W

Our Area Light/Shoebox Series is the best option to replace 100W to 1000W metal halide luminaires. The slim profile design delivers maximum efficiency. A wide range of lumen packages for any type of applications. With extensive selection of accessories, including photocell receptacles, motion sensor, mountings and finish colors. Ideal for commercial parking lots, car dealership, walk ways, street lighting, and places where much needed light.

FEATURES

- Lumileds LED, high luminous efficiency and long working life.
- High efficiency LED Driver, the wide range input voltage AC120-277V/AC 277-480V.
- Die-cast aluminum cooling design, high quality and better cooling for LED Tj < 85°C.
- Excellent optics design, greatly improve the light utilization and evenness.
- Motion sensor control available (Optional)

CONTROLS (SOLD SEPARATELY)

P
Photocell

M
Motion Sensor

RC
Remote Controller

GATEWAY

ORDERING EXAMPLE: **N2SB-30W-27-50K-D-T2-S-P-M**

PRODUCT	WATTAGE	VOLTAGE	CCT	FINISH	DISTRIBUTION	MOUNTING	CONTROL 1	CONTROL 2
N2SB (Shoebox)	**06W -** (60W) **10W -** (100W) **15W -** (150W) **20W -** (200W) **30W -** (300W)	**27** (AC120-277V) **48** (AC277-480V)	**50K -** (5000K)	**D -** (Dark Bronze) **W -** (White) **B -** (Black) **S -** (Silver)	**T2 -** (Type II) **T3 -** (Type III) **T4 -** (Type IV) **T5 -** (Type V)	**S -** (Slipfitter) **A -** (Arm) **T -** (Trunnion)	**P -** (Photocell)	**M -** (Motion Sensor) **RC -** (Remote Controller)

N2M, LLC
301 E. RISINGER RD., BLDG 109
FORT WORTH, TX 76140

817.468.3591

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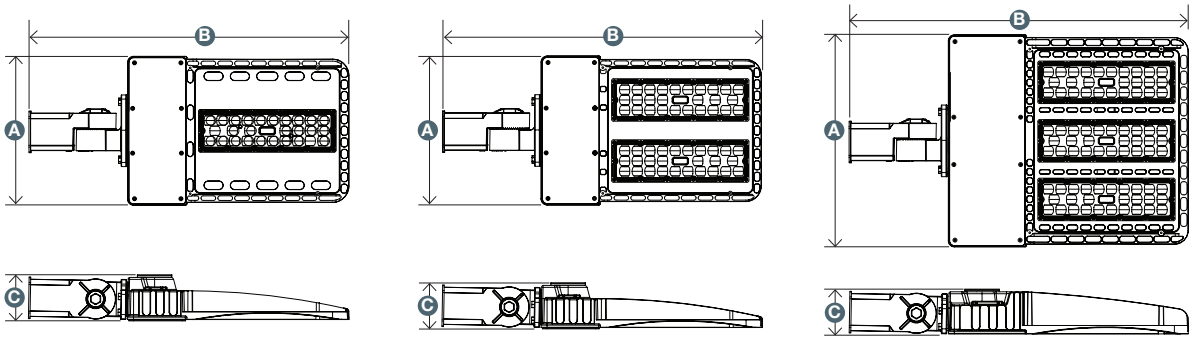
DIMENSION



N2SB-SB06W27 / N2SB-SB10W27	
A	11.15”
B	23.92”
C	3.35”

N2SB-SB15W27 / N2SB-SB20W27	
A	11.15”
B	23.4”
C	3.35”

N2SB-SB30W27	
A	15.85”
B	25.35”
C	3.35”

MOUNTING OPTIONS (SOLD SEPARATELY)

N2SB-NEWSBSF2-D
Slipfitter Mount An optional cast aluminum mast arm adapter secures fixture head to nominal 2”(2-3/8”O.D. pipe size) horizontal steel tenon arm.

N2SB-NEWSBARM2-D
Arm Mount 4” and 5” Square and Round poles. Standard versatile mounting arm is simple to install and can be used with existing poles for retro installations.

N2SB-SFARM2-D
SFARM2 Mount An optional cast aluminum mast arm adapter secures fixture head to nominal 2”(2-3/8”O.D. pipe size) horizontal steel tenon arm.

N2SB-SBT-D
Easy to install for direct wall mounting with 1/2” conduit wiring.

N2SB-SADP-BAR-D
Square tube light bar installation, with Arm installation of lamps.

N2SB-ARM-BAR-D
Square tube light bar installation, with Arm installation of lamps.

SPECIFICATION					
WATTAGE	60W	100W	150W	200W	300W
LUMEN	8700 lm	13000 lm	21000 lm	27000 lm	42132 lm
EFFICACY	145 lm/W	130 lm/W	140 lm/W	135 lm/W	140 lm/W
CCT	5000K				
CRI	70				
INPUT VOLTAGE	AC120-277V / AC277-480V				
DISTRIBUTION	Type II, Type III, Type IV, Type V				
POWER FACTOR	0.95				
DRIVER EFFICACY	90%				
DIMMING	0-10Vdc				
LIFE SPAN	over 50,000 hrs				
WORKING TEMPERATURE	-22°F ~ 113°F				
STORAGE TEMPERATURE	-40°F ~ 176°F				
OUTDOOR RATING	Wet location / IP65				
CABLE	3 core, 18AWG 0.5m				
WARRANTY	5 year limited				

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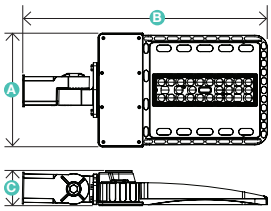
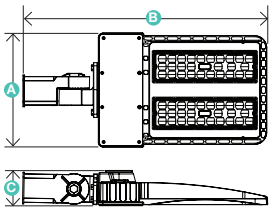
EPA DETAILS



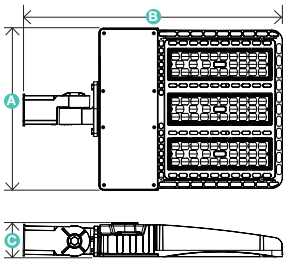
A-11.15” x **B**-23.92” x **C**-3.35”

N2SB-SB06W27 / N2SB-SB10W27		GROSS WEIGHT	12 lbs	BOX DIMENSION	22.44” x 13.78” x 5.91”	
CONFIGURATION	1	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
EPA	0.64 ft ^{2}	1.28 ft^2	1.03 ft^2	1.66 ft^2	1.55 ft^2	2.06 ft^2
NET WEIGHT	9.9 lbs	19.8 lbs	19.8 lbs	29.7 lbs	29.7 lbs	39.6 lbs



A-11.15” x **B**-23.4” x **C**-3.35”

N2SB-SB15W27 / N2SB-SB20W27		GROSS WEIGHT	18 lbs	BOX DIMENSION	22.44” x 13.78” x 5.91”	
CONFIGURATION	1	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
EPA	0.65 ft ^{2}	1.30 ft^2	1.04 ft^2	1.69 ft^2	1.56 ft^2	2.08 ft^2
NET WEIGHT	16.6 lbs	33.2 lbs	33.2 lbs	49.8 lbs	49.8 lbs	66.4 lbs



A-15.85” x **B**-25.35” x **C**-3.35”

N2SB-SB30W27		GROSS WEIGHT	27 lbs	BOX DIMENSION	23.62” x 18.5” x 6.3”	
CONFIGURATION	1	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
EPA	0.68 ft ^{2}	1.36 ft^2	1.09 ft^2	1.77 ft^2	1.64 ft^2	2.18 ft^2
NET WEIGHT	25.4 lbs	50.8 lbs	50.8 lbs	76.2 lbs	76.2 lbs	101.6 lbs

ELECTRICAL LOAD

WATTAGE	CURRENT (VOLTAGE) (AMP)					
	120V	208V	240V	277V	347V	480V
N2SB-SB06W27	0.5 Amp	0.29 Amp	0.25 Amp	0.22 Amp	0.17 Amp	0.13 Amp
N2SB-SB10W27	0.83 Amp	0.48 Amp	0.42 Amp	0.36 Amp	0.29 Amp	0.21 Amp
N2SB-SB15W27	1.25 Amp	0.72 Amp	0.62 Amp	0.54 Amp	0.43 Amp	0.31 Amp
N2SB-SB20W27	1.67 Amp	0.96 Amp	0.83 Amp	0.72 Amp	0.58 Amp	0.42 Amp
N2SB-SB30W27	2.5 Amp	1.44 Amp	1.25 Amp	1.08 Amp	0.86 Amp	0.63 Amp

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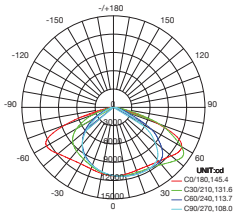
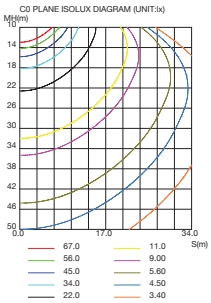
DISTRIBUTION (Shown: N2SB-30W27-40K)

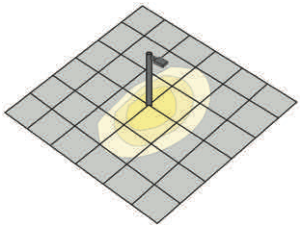
TYPE II

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):124.7 DEG

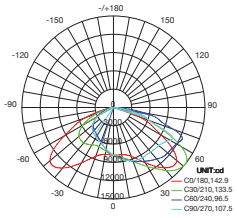




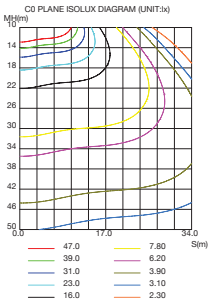
TYPE II
Type II optics produce a symmetrical pattern that evenly shines light on both sides of the lamp. In a back-to-back configuration, it creates a rectangular pattern.

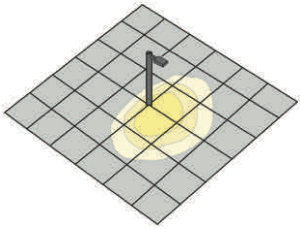
TYPE III

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):120.1 DEG

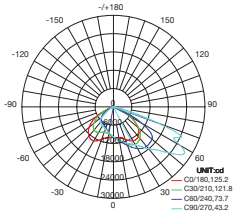




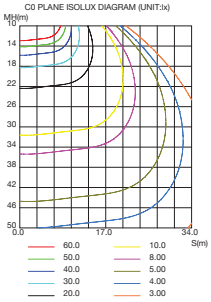
TYPE III
Type III optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern.

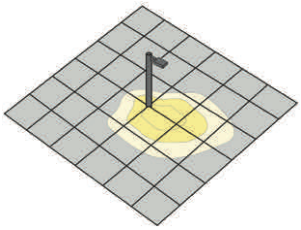
TYPE IV

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):91.0 DEG

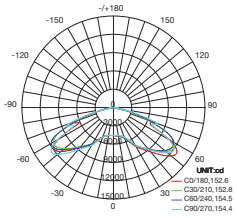




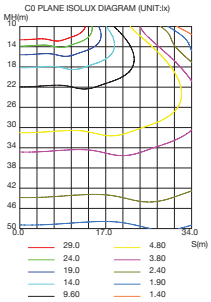
TYPE IV
Type IV is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.

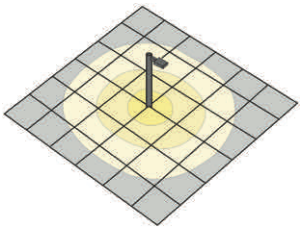
TYPE V

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):153.6 DEG





TYPE V
Type V optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type 5 luminaires are universal for most area lighting applications.

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