

National Mfg. Network Co.

PN# N-10.9W-N-SM new design has many features and body styles for universal mounting along with a durable powder coated finish (color match to your existing pole or custom color).

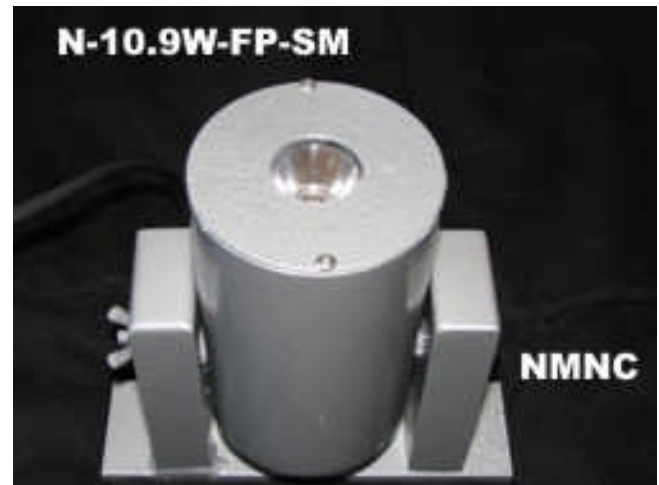
12 Volt DC 10 Watt Bright White LED captured around a solid machined TIG welded Aluminum Fixture for best heat dissipation with an aluminum machined led light bezel held in with S.S. tamper proof machined screws. The clear unbreakable lexan lens is durable and shock resistant.

The PN# N-10.9W-PM & SM can be mounted on a 2" pipe or can be mounted on a cross bar with two U-Bolts also surface mount at ground level with and adjustment of 180 degrees.

The foot print is small a 2" x 1/4" x 8" solid aluminum base plate with a 1" diameter wire hole.

The illumination spread can be mounted horizontally or vertically.

The illumination matrix is based on 5000K bright white LED at 10.9 watt load and can illuminate an object from 60 ft with a spread of 120" x 120": See the table below.



ILLUMINATION LED FROM BRIGHT WHITE TO WARM WHITE: FLUX COOL WHITE 10000K TO 5000K NEUTRAL 5000K TO 3700K - WARM WHITE 3700K TO 2600K

PN#	LAMP TYPE	WATTS	INPUT VOLTS	FORWARD CURENT	LED COLOR	FLUX	BEAM ANGLE
N-10.9w-FP-5k-SM	Surface Mount	10.98	13.6	700MA	BRIGHT WHITE	5000K	10 DEG.
N-10.9w-FP-5k-SM	Surface Mount	10.98	13.6	700MA	BRIGHT WHITE	5000K	29 DEG.
N-10.9w-FP-5k-SM	Pole Mount	10.98	13.6	700MA	BRIGHT WHITE	5000K	10 DEG.
N-10.9w-FP-5k-SM	Pole Mount	10.98	13.6	700MA	BRIGHT WHITE	5000K	29 DEG.

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NEW FLAG POLE 12 Volt LED bright white 10 watt Light Spot Light up to 60ft illumination

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The illumination spread can be mounted horizontally or vertically.

The illumination matrix is based on 5000K bright white LED at 10.9 watt load and can illuminate and object from 60 ft to with a spread of 144" x 144": See at the table below.

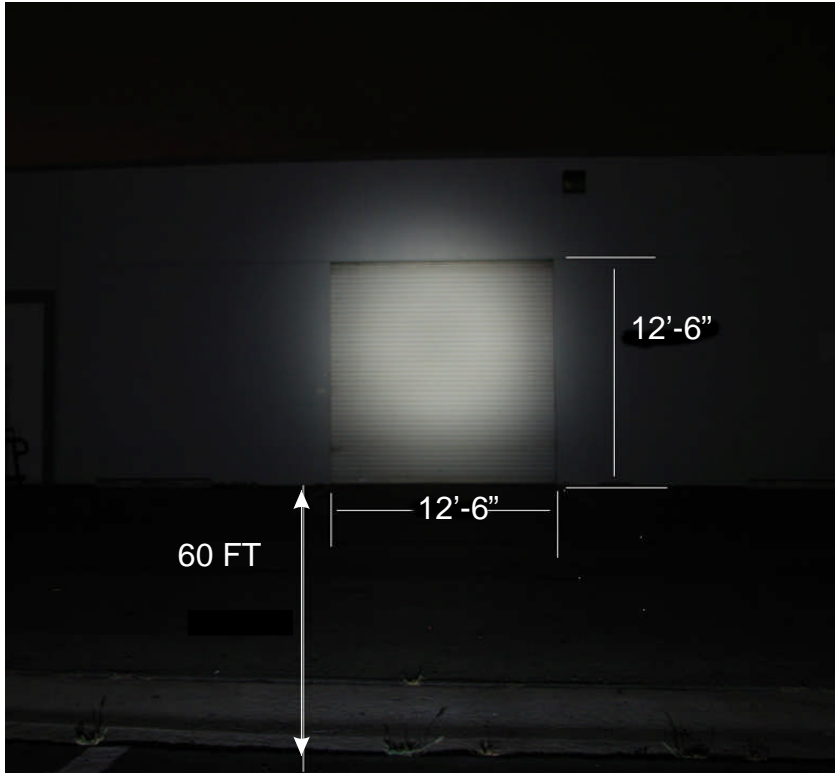


ILLUMINATION LED FROM BRIGHT WHITE TO WARM WHITE: FLUX COOL WHITE 10000K TO 5000K
NEUTRAL 5000K TO 3700K - WARM WHITE 3700K TO 2600K

PN#	LAMP TYPE	WATTS	INPUT VOLTS	FORWARD CURENT	LED COLOR	FLUX	BEAM ANGLE
N-10.9w-FP-5k-SM	Surface Mount	10.98	13.6	700MA	BRIGHT WHITE	5000K	10 DEG.
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N-10.9w-FP-5k-SM



3.5 ALUMINUM 12 VOLT 10.9 W.
SPOT BEAM LED LIGHT FIXTURE

SPECS: HEAVY DUTY ALUMINUM
EXTRUDED FIXTURE 3 1/2" O.D.

PRECISION MACHINED ALUMINUM
FACE PLATE.

STAINLESS STEEL HARDWARE

PRECISION MACHINED CONNECTION
PLATES

1/8" THICK CLEAR LEXAN LENS
VANDAL RESISTANT

OPTION: SURFACE MOUNT OR POLE
MOUNT

POWER INTENSITY OPTIONS:

LUMENS @ 5 WATTS 5000K = 370 LUMENS 350ma(BRIGHT WHITE)

LUMENS @ 10 WATTS 5000K = 752 LUMENS 700ma(BRIGHT WHITE)

LUMENS @ 5 WATTS 5000K = 320 LUMENS 350ma (WARM WHITE)

LUMENS @ 10 WATTS 3700K = 660 LUMENS 700ma (WARM WHITE)

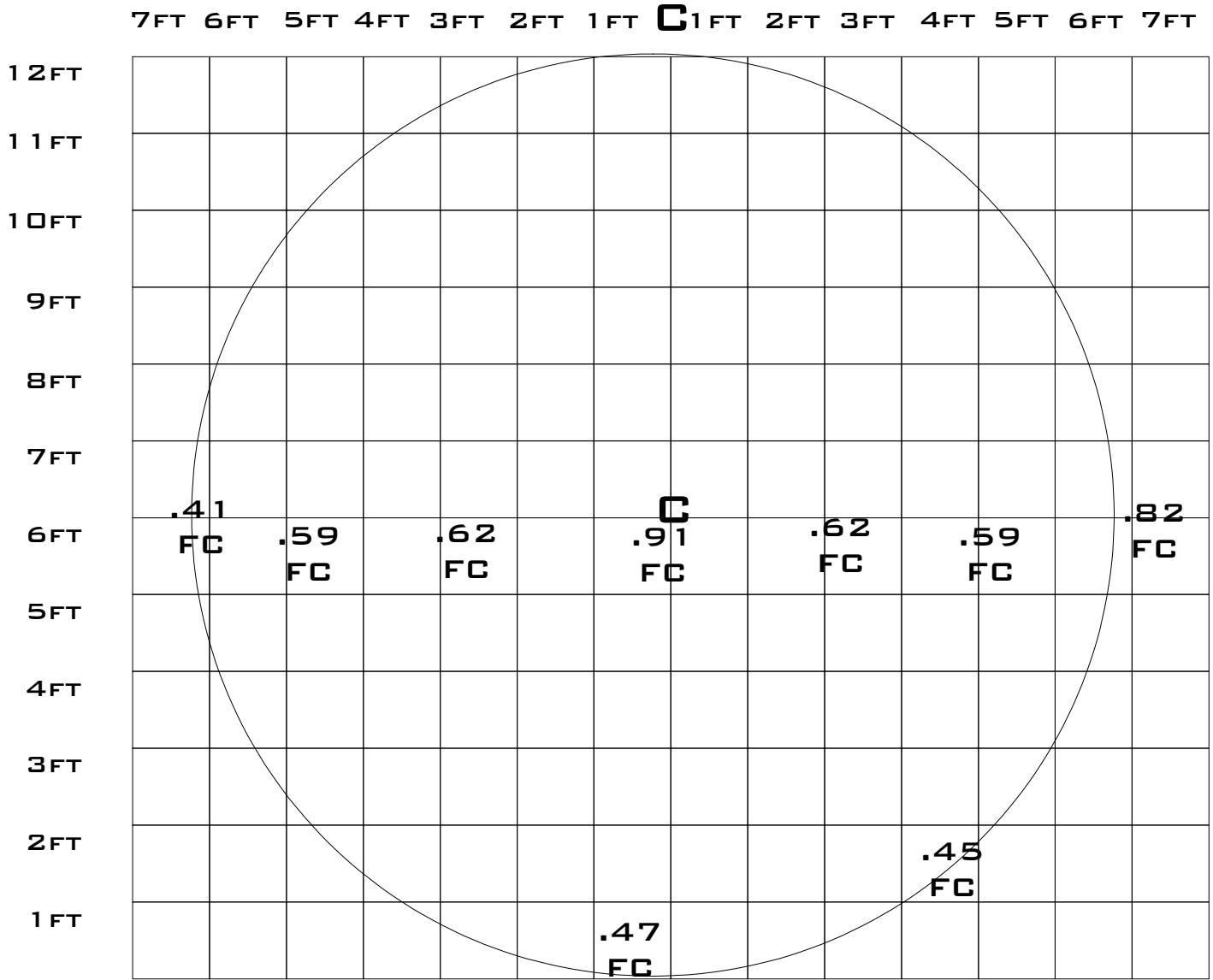
15 WATTS

20 WATTS

25 WATTS

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12 FOOT SQUARE



FOOT CANDLE READING

*F= FT

*C= CANDLES

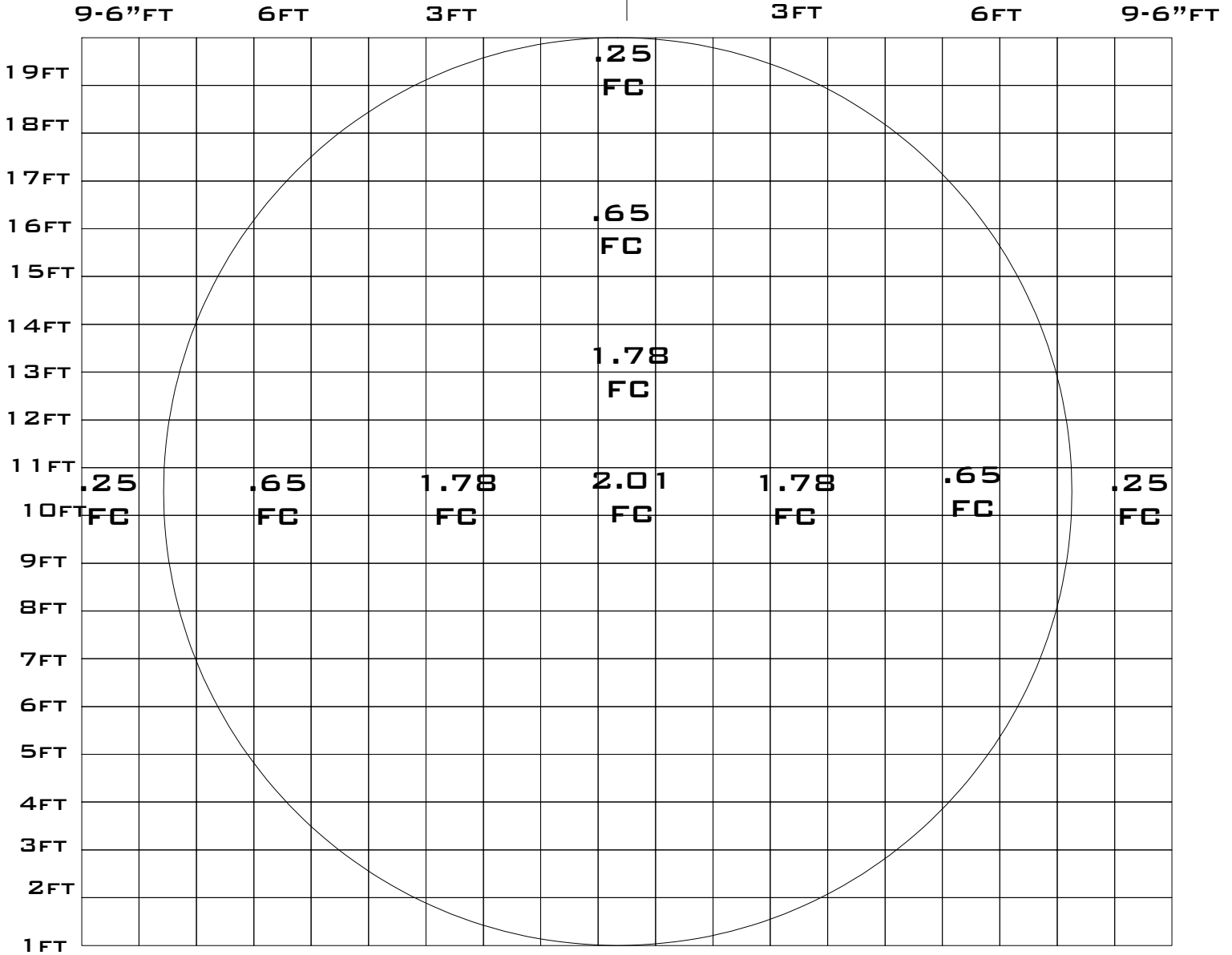


60FT UP LIGHT

10 WATT 5000K LED AT SPOT 10 DEG. LENS

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**19 FOOT SQUARE
C**



FOOT CANDLE READING

*F= FT

*C= CANDLES



LED

20FT UP LIGHT

10 WATT 5000K LED WITH 29DEG. LENS

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Two PN# N-10.9W-N-PM 12 volt LED Bright white fixtures.

Complete Solar System
Two 120 watt Solar Panels with Aluminum Rack system with 360 degree rotation
One 4" x 4" x 3/16" Aluminum 12' Pole
One Aluminum EPU water resistant cabinet included Solar Controller, Fuses, Lightning resister, two 95 AMP/HR solar batteries with all mounting hardware and solar rated electrical cable.

This solar system was sized for the Area because every system needs to be sized per City and State.



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N-10.9w-F-PM

09/30/2010

