

# NL-471W



## Recessed Framing Projector Gobo Projector

### LAMP WATTAGE

(1) 35MR11FTH (35° / FL) Maximum (not included)

### DESCRIPTION

Recessed framing projector can serve two separate functions. The main function is to create a focused border surrounding any square or rectangular object with enough illumination to highlight the picture. A separate bracket included with the projector can replace the standard lamp bracket to allow the projection of a gobo image as cut into a steel gobo, or etched to a glass wafer.

### FEATURES

- Die Cast Aluminum Trim
- Ultra-Low Profile at less than 1-1/2" below ceiling
- Four independent stainless steel framing shutters
- Dual lenses with Allen screw mechanism for precise focusing
- Bracket for Gobo Image Projection
- Accepts either glass or steel image gobo
- Easy operation and maintenance
- Includes Housing, Projector, Trim, Lamp

### RECESSED CEILING FIXTURE

While the recessed framing projector will work with any 4" low voltage housing by Nora Lighting, for best results, please use: NL-401/RFP

The NL-401/RFP is specially constructed to allow ease of focusing and relamping.

### BODY

Die cast .135 aluminum construction. Face rotates smoothly within outer ring, with enough weight and friction hold to maintain horizontal aiming position.

### SCOOP

Die cast .075 aluminum construction. Extends to full 90 degrees from trim face, and can also recess completely to project a gobo image on floor directly beneath fixture.

### OPTICAL ASSEMBLY

Two grounded, polished optical grade glass elements are recessed into extendable scoop, and are precision-lock focused by a mechanism controlled by an Allen screw. Steel brackets behind optics contain four independently placed stainless steel framing shutters sandwiched into Teflon for smooth control, and secure friction hold.

### FUNCTIONS

#### Framing Projector

Four shutters have complete independent motion for precise position and size of illuminated rectangle desired. Focus can be adjusted to provide either a soft or rigid, defined border around any frame or artwork.

#### Gobo Projector

With gobo bracket (included) installed in place of standard bracket, any custom gobo (by others) can be projected onto any desired surface. Insert accepts steel card or glass gobo; please see diagram for gobo and image specifications.



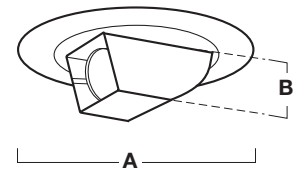
### PRODUCT MATRIX

Ordering Example: **NL-471W\***  
Recessed Framing Projector, Gobo Projector

\* Specify NL-401/RFP (Standard)  
NLR-404/RFP (Remodel) + **NL-471W**  
NLIC-401SAT/RFP (IC)

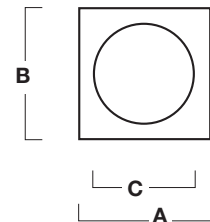
### DIMENSIONS

<b>A: Diameter</b>	5-1/16"	(129mm)
<b>B: Scoop Extention</b>	1-3/8"	(35mm) (max)



### GOBO DIMENSIONS\*

<b>A: Length</b>	1-1/2"	(38 mm)
<b>B: Width</b>	1-1/2"	(38 mm)
<b>C: Image Diameter</b>	1"	(25 mm)



\* Disregard if using NL-471 as framing projector

### PHOTOMETRICS NL-471

Dist. from Wall In Feet	Horizontal Length In Inches	Vertical Length In Inches	FC at Center	FC Outer Vertical Edge	FC Outer Horizontal Edge
3	20	16	50	35	25
6	36	26	30	20	18
9	50	37	12	8	8
12	66	48	7	5	5
15	73	58	4	4	4
18	75	60	5	3	3
21	90	71	5	3	2

Please note that the above measurements were taken with the fixture 90 degrees perpendicular to the center of the beam and may vary slightly if adjusted to other than a right angle. This chart is intended strictly to show the largest possible focused frame of light at varying distances with foot candles measured at the center, top/bottom (horizontal) edges and side (vertical) edges.

### FINISHES

White powder coat finish. Custom finishes may be available. Please consult factory for details.

### ACCESSORIES

Gobos by others. Please consult the above diagram for specifications.