928ML MONOPOINT OPTICAL PROJECTOR

This Surface framing Projector with a Monopoint mounting system, allows white high color rendering LED light to enhance art. The LM Lighting Modules include the driver, LED Chip, proprietary optics and cooling system. 928ML provides rotational adjustment using lockable fastening systems. A dual heat sink technology provides optimum LED cooling. A separable beam mount wiring box is provided to house the LED Driver. A 4" square deep junction box is provided to house the LED Driver hidden above ceiling. The separable J-Box includes an adjustable mud ring and accommodates a ceiling thickness from 5/8" to 1-1/4".

DETAILS.
AVAILABLE IN:
ALU – NATURAL ALUMINUM
BLK – BLACK
WHT - WHITE

5 9/16"-6 11/16"W (DEPENDING ON BEAM SPREAD) X 3 7/16"H
1 X 20W LED, 120/277 VAC INPUT
CANOPY SHAPE: SQUARE, ROUND OR RECTANGULAR
LIGHT MODULE (DIMMER): 2 WIRE FORWARD/REVERSE PHASE (2% OR 18%) OR 4-WIRE/ECOSYSTEM

COLOR TEMP: 2700K OR 3000K
CRI: 90 OR 98
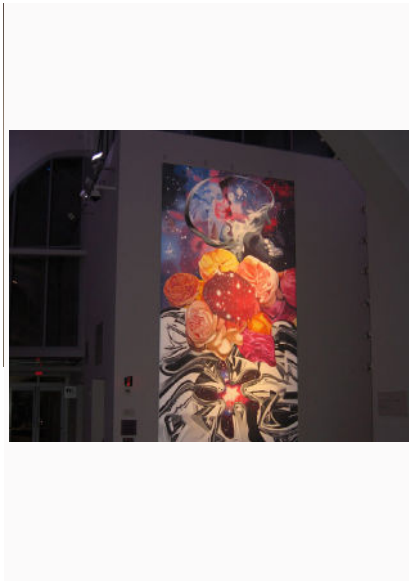**OBJECTIVE LENSES: 12º, 25º, 45º, 60º, 90º**
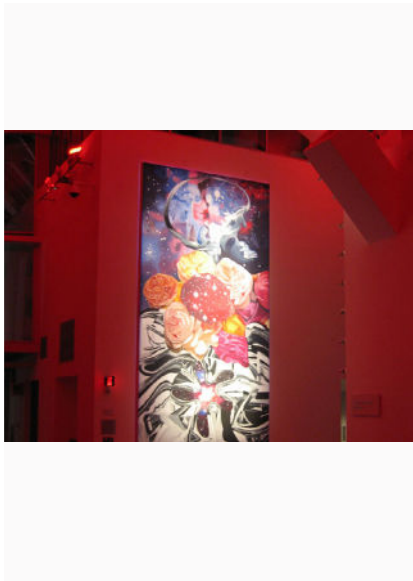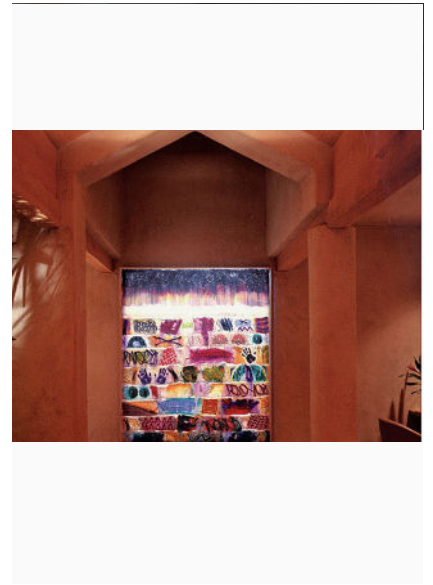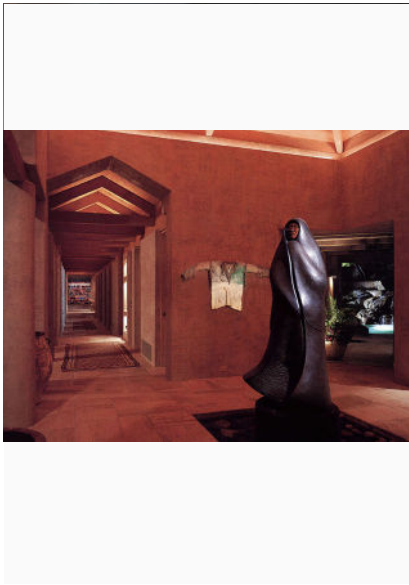
LIGHT BORDER:
FB (STANDARD) – FOCUSED LIGHT BORDER
FI – FADE IN® LIGHT BORDER

*LIGHT CONTROL ACCESSORIES AVAILABLE.
UL LISTED, TITLE 24 JA8 – DAMP LOCATION

II P L

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The Wenlux® 928ML is a Surface framing Projector with a Monopoint mounting system. A white high color rendering LED light was discriminately selected to enhance art. A shaped light mask framed to art accentuates focus. Precision ground lenses focus upon independently locking light masking shutters for a securely shaped Focused Light Border "FB" (standard). For our proprietary Fade In® Light Border specify "FI."

The Wenlux LM2 (2 wire) and LM4 (4 wire) Lighting Modules are inseparable. The LM Lighting Modules include the driver, LED Chip, proprietary optics and cooling system. Lighting Modules accept the Projector (Adapter Cone) to which variable beam spread Objective Lens Focus Tubes are positioned within to highlight subject of many sizes and distances.
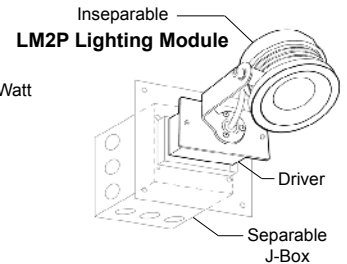
928ML provides rotational adjustment using lockable fastening systems. A dual heat sink technology provides optimum LED cooling. A 4" square deep junction box is provided to house the LED Driver hidden above ceiling. The separable J-Box includes an adjustable mud ring and accommodates a ceiling thickness from 5/8" to 1-1/4".

Patent 9458991 B2
Wendelighting reserves the right to make changes without notice.

RD Round Canopy Shown

Specify Canopy Shape:

SQ	RD	RC
Square	Round	Rectangular

LM2P LIGHTING MODULE SPECIFICATIONS (CA T24-JA8)

Power: 120/277 VAC Input - 20 Watts
J-Box: Deep Junction Box on Mounting Platform with Adjustable Mud Ring Included
Driver/LED: **LM2P** with **2790** Chip and Primary Optics JA8 Tested - 1300 Lumens @ 500mA (for tested life) - 67 Lumens/Watt (Estimated 1200 Lumens @ 450mA) JA8 Allowance on all LED Chip Options
Optics: Proprietary
Luminaire: Aluminum
Dimmer: 2 Wire Forward / Reverse Phase
Mounting: Ceiling - Wall
Listings: - UL / CUL - Damp Location - Dead End or Daisy Chain Feed Through Class 1 Wiring Only (No Additional Conductors)
- California Title 24 Residential Lighting JA8 Recessed Tested Listing (See wendelighting.com/resources)

Inseparable
LM2P Lighting Module
Driver
Separable J-Box

MONOPOINT OPTICAL FRAMING PROJECTOR OPTIONS

928 - ML___ ___ - LM___ ___ - ___ ___ ___ ___ - ___ ___ - ___ ___ ___ - ___ ___ - ___ ___

Adapter Cone:	Monopoint Canopy Shape:	Lighting Module: (By Driver Type)	LED Chip Options (Chip Values @ 450mA:)	Objective Lens Focus Tube (Beam Spread):	Light Border:	Fixture Color:	Light Control Accessories:
Optical Framing Projector	**SQ** Square	**LM2P** (Standard) Philips Xitanium 2 Wire Driver Forward / Reverse Phase Dimmable 2% Use ELV Dimming 120/277V In 450mA Out Listed with CA Title 24 JA8	**2798** 2700K 98 CRI 1400 Lumens R9 93	**12°**	**FB** (Standard) Focused Light Border	**ALU** Natural Alluminum	**SH** Extra Shutter (1)
	RD Round		**3098** (Standard Chip) 3000K 98 CRI 1500 Lumens R9 88	**25°**		**BLK** Black	**MK** Light Mask Kit
	RC Rectangular	**LM4L** Lutron EcoSystem PEQ0 4 Wire Driver Dimmable 0.1% 120/277V In 450mA Out Requires EcoSystem Dimming Listed with CA Title 24 JA8	**2790** 2700K 90 CRI 1600 Lumens R9 54	**45°**	**FI** Fade in® Light Border	**WHT** White	**SC** Scissors
				60°			**UV** Ultraviolet Blocking Lens
		LM2H Hatch LC25-0500P 2 Wire Driver Forward / Reverse Phase Dimming 18% 120V In 450mA Out LM Not Listed with CA Title 24 JA8 Use Reverse Phase for Low Loads	**3090** 3000K 90 CRI 1700 Lumens R9 60	**90°**			**1F** 100 Kelvin Warming Filter 39mm Diameter

Color Filter Options: Additional 39mm Diameter Dichroic Color Filters Available Through Rosco

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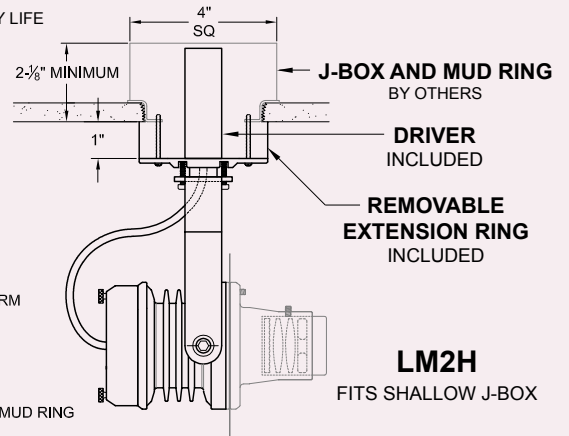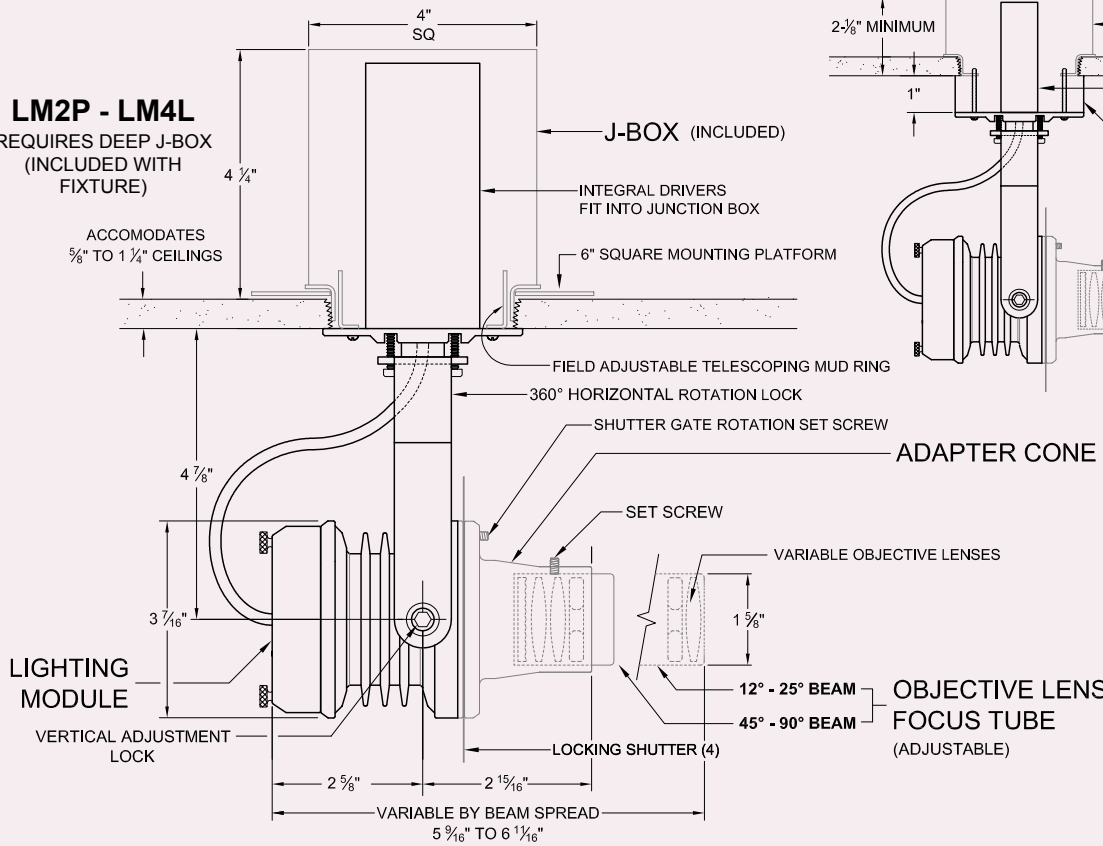
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ATTIC AND BUILDING ENVELOPE INSTALLATION
MINIMUM R38 INSULATION SURROUNDING AND COVERING RECESSED J-BOX REQUIRED FOR ASSEMBLY LIFE

4"
SQ

LM2P - LM4L
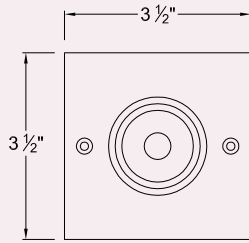REQUIRES DEEP J-BOX
(INCLUDED WITH
FIXTURE)

4 ¼"

J-BOX (INCLUDED)

INTEGRAL DRIVERS
FIT INTO JUNCTION BOX

ACCOMODATES
⅝" TO 1 ¼" CEILINGS

6" SQUARE MOUNTING PLATFORM

FIELD ADJUSTABLE TELESCOPING MUD RING
360° HORIZONTAL ROTATION LOCK
SHUTTER GATE ROTATION SET SCREW

4 ⅞"

ADAPTER CONE

SET SCREW

VARIABLE OBJECTIVE LENSES

3 ⁷⁄₁₆"

1 ⅝"

LIGHTING
MODULE

12° - 25° BEAM
45° - 90° BEAM

**OBJECTIVE LENS
FOCUS TUBE**
(ADJUSTABLE)

VERTICAL ADJUSTMENT
LOCK

2 ⅝"   2 ¹⁵⁄₁₆"

LOCKING SHUTTER (4)

VARIABLE BY BEAM SPREAD
5 ⁹⁄₁₆" TO 6 ¹¹⁄₁₆"

4"
SQ

2-⅛" MINIMUM

1"

J-BOX AND MUD RING
BY OTHERS

DRIVER
INCLUDED

**REMOVABLE
EXTENSION RING**
INCLUDED

LM2H
FITS SHALLOW J-BOX

SPECIFY CANOPY SHAPE

3 ½"

3 ½"

**SQ
SQUARE**

FITS 3" DIAMETER MUD RING
OVER DEEP J-BOX
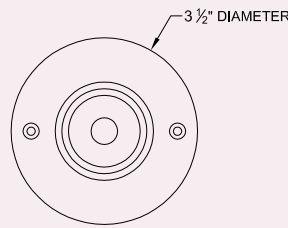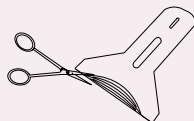
3 ½" DIAMETER

**RD
ROUND**

FITS 3" DIAMETER MUD RING
OVER DEEP J-BOX

4 ¼"

2 ½"
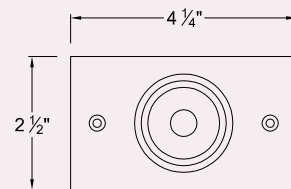
**RC
RECTANGULAR**

FITS 2-1/4" x 3-3/4" SINGLE DEVICE
MUD RING OVER DEEP J-BOX

LIGHT CONTROL ACCESSORIES

SH
FIELD CUTTABLE
CURVED ETCH
SHUTTER

LM
LIGHT MASK KIT
FOR MASKING GENERAL FORM
OF NON-RECTILINEAR OBJECTS

SC
SCISSORS

UV
ULTRAVIOLET
BLOCKING
LENS

1F
100 KELVIN
WARMING FILTER

PATENT 6,612,0761B2, ADDITIONAL PATENTS PENDING