# RM93   illuminated blade

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# RM93   illuminated blade

- Rigid extruded aluminum housing and lens holder for a clean, precise installation.

- No exposed hardware, lift and shift lens design

- Clear cast acrylic blade with frosted ends and bottom edge

- Recessed - IC rated, surface and pendant mounting options.

- 550 lumens per foot and 958 lumens per foot versions (@ 3000°K).

- Constant current, Class 2 LED dimming driver: 0 - 10 volt.

- Available LED color temperatures include 3000°K, 3500°K and 4000°K.

- RGB plus white color available with DMX controller.

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## surface mount 36"
RM93-36•30•3000•SRF•BLK



## pendant 96"
RM93-96•40•3500•PND-WH•WHT



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Denver, Colorado  www.lumoscustom.com

# RM93 illuminated blade



## recessed 48"

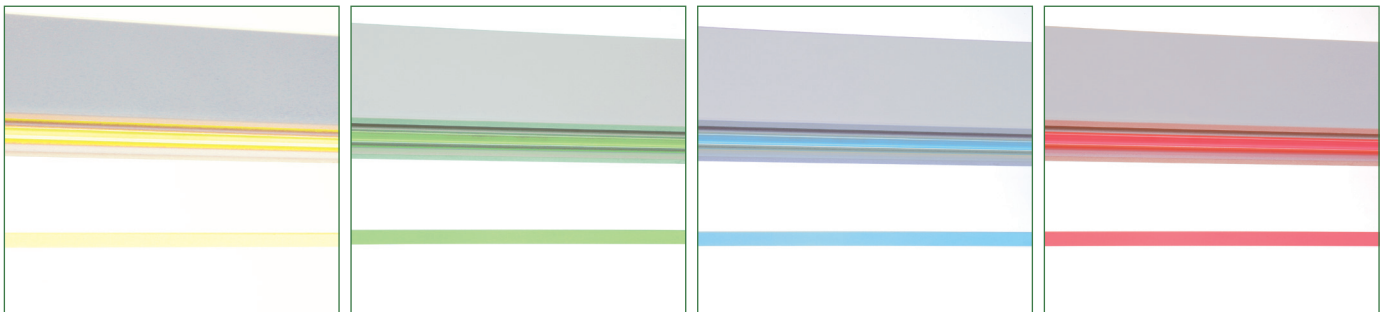RM93-48•40•3500•REC•WHT

Option: engraved lens

The lens surface can be laser engraved with signage, way finding or graphics.

Contact factory for artwork requirements.

Option: RGBW LED color

Available with a DMX controller.

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# RM93  illuminated blade

## order sequence information

RM93-

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| example RM93 - 48 | 40 | 3000 | PND-SL | GRY | - |

### 1  CAT NO.          DESCRIPTION

| Cat no. | Description | Watts |
|---|---|---|
| RM93-24 | 24" long, 1,100 delivered lumens, | 14 watts |
| RM93-36 | 36" long, 1,650 delivered lumens, | 20 watts |
| RM93-48 | 48" long, 2,200 delivered lumens, | 26 watts |
| RM93-60 | 60" long, 2,750 delivered lumens, | 34 watts |
| RM93-72 | 72" long, 3,300 delivered lumens, | 40 watts |
| RM93-96 | 96" long, 4,400 delivered lumens, | 52 watts |
| RM93HO-24 | 24" long, 1,915 delivered lumens, | 28 watts |
| RM93HO-36 | 36" long, 2,870 delivered lumens, | 40 watts |
| RM93HO-48 | 48" long, 3,830 delivered lumens, | 52 watts |
| RM93HO-60 | 60" long, 4,785 delivered lumens, | 68 watts |
| RM93HO-72 | 72" long, 5,745 delivered lumens, | 78 watts |
| RM93HO-96 | 96" long, 7,660 delivered lumens, | 106 watts |

• Drivers are constant current, Class 2, 120-277 volt, and include two wire 0 -10v dimming, 1-100%.

### 1A

UPL-1C  Uplight option for pendant version, 700 lumens per foot, 6 watts per foot, one circuit for up and down light.

UPL-2C  Uplight option for pendant version, 700 lumens per foot, 6 watts per foot, two circuits - one circuit for uplight.

### 2  BLADE HEIGHT

| 30 | 2.7 inches, clear cast acrylic with frosted edges |
|---|---|
| 40 | 3.7 inches, clear cast acrylic with frosted edges |

### 3  White LED color temp

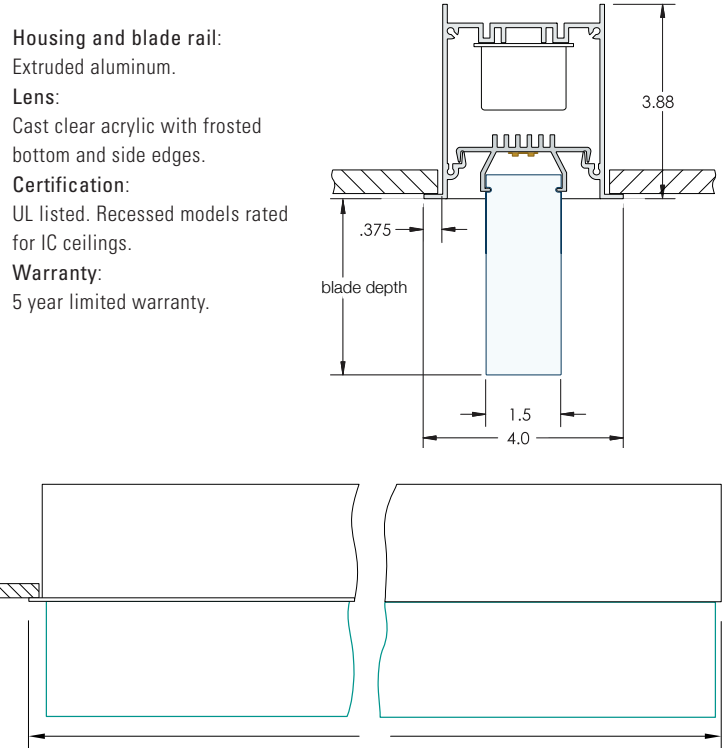| 3000 | 3000°K  CRI >80 |
|---|---|
| 3500 | 3500°K  CRI >80 |
| 4000 | 4000°K  CRI >80 |

• Tunable White   Contact factory for options.

RGB + white LED includes a DMX decoder for connecting to a DMX control system. White LED output is equal to the delivered lumens for the model listings shown with normal output LEDs.

| RGB/3000 | Red, green, blue and 3000°K  LEDs |
|---|---|
| RGB/3500 | Red, green, blue and 3500°K  LEDs |
| RGB/4000 | Red, green, blue and 4000°K  LEDs |

### 4  MOUNTING CONFIGURATION

| REC | recessed with perimeter trim flange, IC rated |
|---|---|
| TBR | T - bar, includes 2 tie down brackets, IC rated |
| SRF | surface mount with solid end caps |

PND-WH  pendant mount with solid end caps, two 5" square white canopies, 100" adjustable cables and a 5 wire, white 100" SJT cord.

PND-SL  pendant mount with solid end caps, two 5" square white canopies, 100" adjustable cables and a 5 wire, silver 100" metal braid SJT cord.

PND-BL  pendant mount with solid end caps, two 5" square black canopies, 100" adjustable cables and a 5 wire, 100" SJT black cord.



Housing and blade rail:
Extruded aluminum.
Lens:
Cast clear acrylic with frosted bottom and side edges.
Certification:
UL listed. Recessed models rated for IC ceilings.
Warranty:
5 year limited warranty.



3.88
.375
blade depth
1.5
4.0



| RECESSED AND T-BAR LENGTHS | | SURFACE AND PENDANT LENGTHS | |
|---|---|---|---|
| RM93-24 | 23.75" | RM93-24 | 23.5" |
| RM93-36 | 35.75" | RM93-36 | 35.5" |
| RM93-48 | 47.75" | RM93-48 | 47.5" |
| RM93-60 | 59.75" | RM93-60 | 59.5" |
| RM93-72 | 71.75" | RM93-72 | 71.5" |
| RM93-96 | 95.75" | RM93-96 | 95.5" |

∗ other lengths available upon request

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**5 COLOR**

| | |
|---|---|
| WHT | Matte white powder coat |
| GRY | Matte gray (RAL7035) powder coat |
| ASL | Anodized silver powder coat |
| BLK | Satin black powder coat |
| RAL | Specify 4 digit RAL color number |

WOOD FINISHES - END CAPS ARE SATIN BLACK
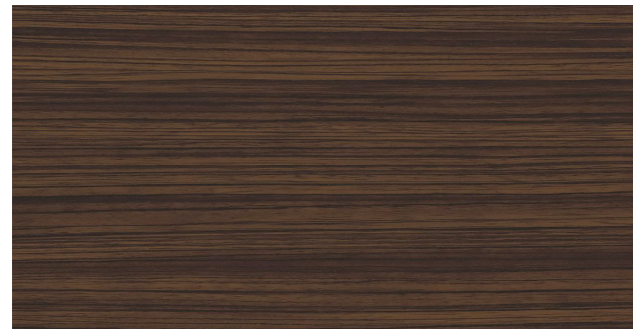
WG-01   wood grain finish



WG-02   wood grain finish



WG-03   wood grain finish



WG-04   wood grain finish



**6 OPTIONS**

CNTRW      Continuous rows. Contact factory to configure row lengths and a component list. Maximum blade length is 95". Continuous row fixtures have a one inch gap between blades.
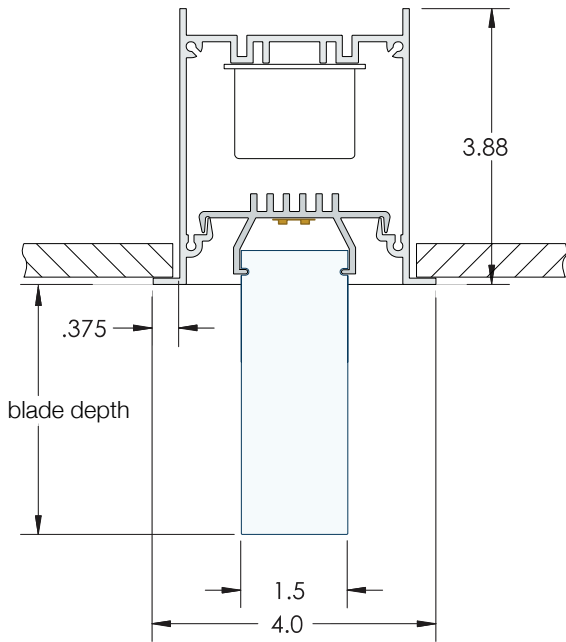
ENGRV      Laser engraved acrylic blade per supplied artwork. Contact factory to specify details.

BBU      20 watt battery backup connected to one driver. Powers one driver for 90 minutes. 120/277v includes test switch and LED indicator. Remote mounting by others.
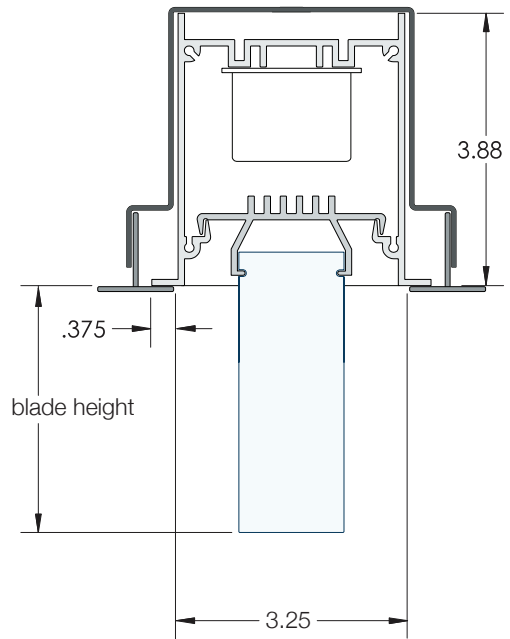


LUMŌS

## recessed

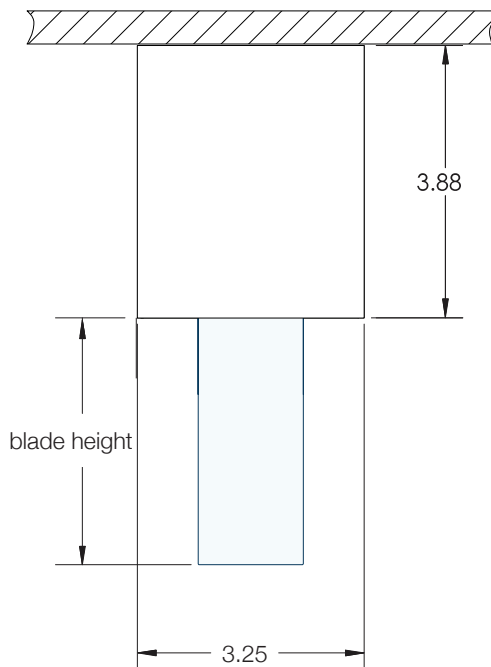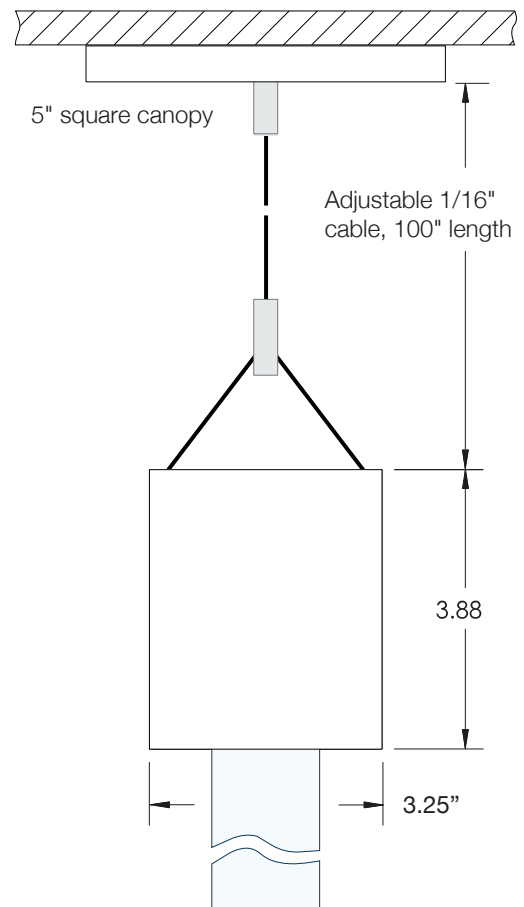3.88

.375

blade depth

1.5

4.0

## t-bar

3.88

.375

blade height

3.25

## surface

3.88

blade height

3.25

## pendant

5" square canopy

Adjustable 1/16"
cable, 100" length

3.88

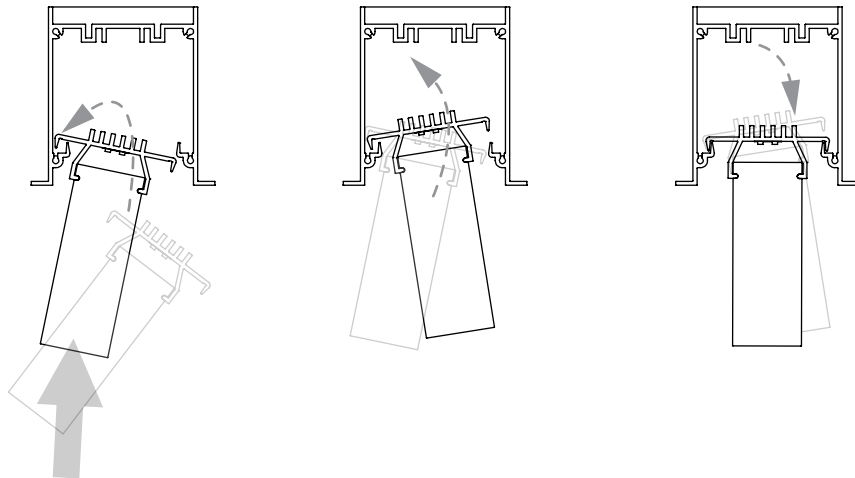3.25"

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# RM93 illuminated blade

## Specifications

### Construction

Extruded aluminum housing and lens holder.

Lift and shift lens design to access driver and LED components, with no exposed fasteners.

Lens assembly is tethered to the housing with two stainless steel cables.

### Electrical

CRI > 80 for 2700, 3000, 3500 and 4000K.

Efficacy: 85 lumens per watt for normal output, 75 lumens per watt for (HO) high output model.

Drivers: Class A sound rating, 100,000 hour life expectancy, 120-277 volt, 0-10 volt dimming to 10% of output.

UL listed. Suitable for IC ceilings.

### Warranty

Five year limited warranty.

### Warranty

Photometric information including IES files are available online at:

http://www.lumoscustom.com/pdfs/rm93-photometry.pdf

http://www.lumoscustom.com/pdfs/rm93-highoutput-photometry.pdf

http://www.lumoscustom.com/zip/rm93-ies.zip