



Mole<sup>TM</sup>  
LED

*Mole-Richardson Co.*



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## Variable-Color LEDs

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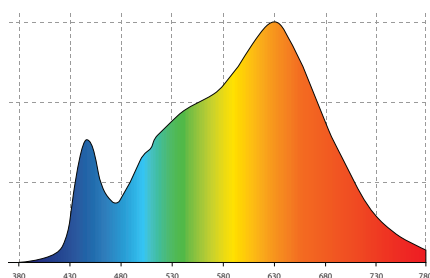


The Mole-Richardson Vari-Fresnel LED family combines the flexibility of variable color temperature with the sharp optics that only a fresnel can provide. Output, color accuracy and beam control have all been designed to utilize modern technology while continuing to deliver the tried and true quality synonymous with Mole-Richardson, making it the perfect tool for both the broadcast and film industries.

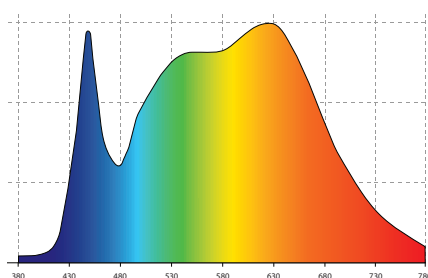


### MoleLED Variable-Color Features

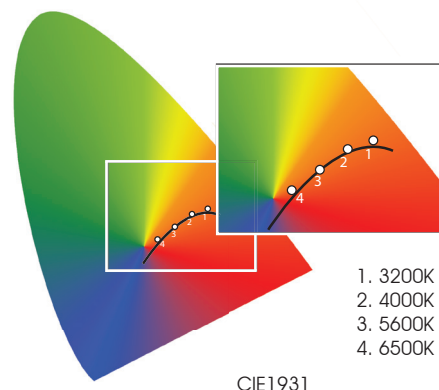
- 2700K – 6500K “white light” color blending
- Green & magenta correction
- Factory preset and variable color temperatures
- 4-Channel DMX
- LumenRadio
- RDM
- Dual user interface
- Bluetooth connectivity via Mole-Richardson iOS App
- Firmware upgradeable
- User presets



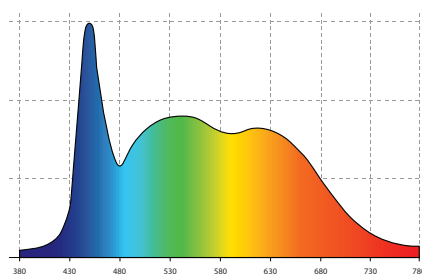
3200K



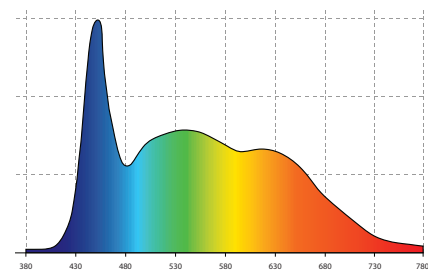
4000K



CIE1931

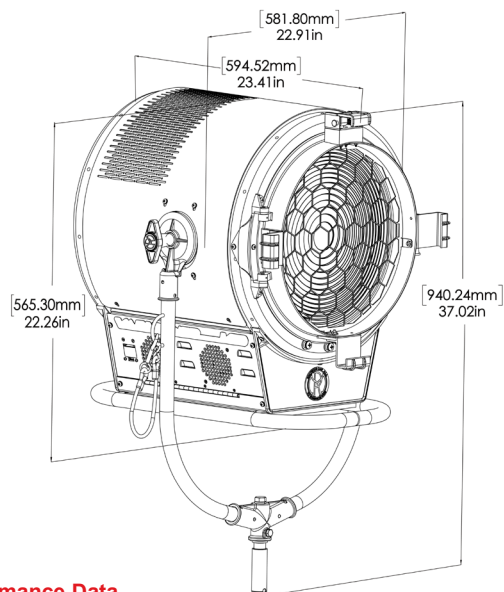


5600K



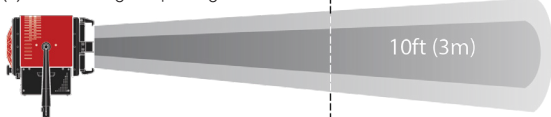
6500K

| CRI Measurement    | R1  | R2  | R3  | R4  | R5  | R6  | R7  | R8 | R9 | R10 | R11 | R12 | R13 | R14 | CRI | CRI Extended | TLCI Results |
|--------------------|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|--------------|--------------|
| Tungsten Reference | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 99 | 99 | 100 | 100 | 99  | 100 | 100 | 100 | 100          | 100          |
| @ 3200K            | 99  | 98  | 96  | 97  | 98  | 97  | 96  | 94 | 85 | 94  | 96  | 89  | 99  | 97  | 97  | 95           | 96           |
| @ 4000K            | 96  | 96  | 93  | 94  | 96  | 93  | 95  | 92 | 81 | 89  | 95  | 84  | 96  | 96  | 95  | 94           | 98           |
| @ 5600K            | 98  | 96  | 93  | 96  | 97  | 93  | 96  | 97 | 94 | 90  | 95  | 80  | 98  | 96  | 96  | 94           | 97           |
| @ 6500K            | 98  | 96  | 92  | 96  | 97  | 92  | 97  | 98 | 97 | 90  | 96  | 77  | 98  | 96  | 96  | 95           | 97           |



**Performance Data**

Using (1) 1500 Watt high output single LED.



| 3200K TUNGSTEN                 |       |              |
|--------------------------------|-------|--------------|
| Foot Candles<br>(Lux)          | FLOOD | 1400 (16000) |
|                                | SPOT  | 2800 (32000) |
| 5600K DAYLITE                  |       |              |
| Foot Candles<br>(Lux)          | FLOOD | 1700 (19000) |
|                                | SPOT  | 3400 (38000) |
| Beam Diameter<br>Feet (meters) | FLOOD | 12 (3.7)     |
|                                | SPOT  | 5 (1.5)      |

**Features**

High output, single source proprietary Mole-Richardson LED powered by house circuit, green & magenta correction, factory preset & variable-color temps, 4-channel DMX, LumenRadio, RDM, dual user interface for local control – 2.8" LCD touch-screen and twist & push selector, Bluetooth connectivity via Mole-Richardson iOS App, firmware upgradeable and user presets

**Specifications**

**Head:** Type 9541 Variable-Color. 14" Vari-Tener LED

**Rating:** 90-250 Volts AC, 50-60Hz, 1500 Watts, 15 Amps Max  
DMX Standby Draw <0.2 Amps Max 60V DC

**Light Source:** (1) - 1500 Watt Mole-Richardson LED  
2700-6500K 95+ CRI, with +/- Green

**Cable:** Detachable 20 ft. (6m) Cable, PowerCON TRUE1 to Edison with  
Inline Aluminum Toggle Switch (included in price of fixture)

**Fuse:** 15 Amp Slowblow Fuse Holder in Trough

**Condenser:** 14 in. (355mm) High Temp. Micro-Fresnel Lens Technology

**Beam Angle:** 20° to 55° Variable Spot to Flood (Includes Field)

**Focusing:** Rear Mounted Focusing Crank

**Cooling:** Forced Air, Fan Speed Controlled by Temperature

**Construction:** Aluminum

**Yoke:** Aluminum with Standard Junior 1 1/8 in. (29mm) Pin

**DC In:** 60V DC, Regulated Constant Voltage

**Compliance:** RoHS

**IP Rating:** 30

**Finish:** Textured Powder Epoxy Coat. Black / Red

**Size:** 17.70 in.(w) x 19.03 in.(d) x 25.56 in.(h)

**Weight:** 70 lbs/35 kg.

**Accessories**

**Item Number**

|                                                  |         |
|--------------------------------------------------|---------|
| 4-Way Tener LED Barn Door                        | 89685   |
| Moledisc Diffuser Frame (18 1/2" dia.)           | 418103  |
| Half Single Scrim—Stainless Steel (18 1/2" dia.) | 418108S |
| Half Double Scrim—Stainless Steel (18 1/2" dia.) | 418108D |
| Single Scrim—Stainless Steel (18 1/2" dia.)      | 418109S |
| Double Scrim—Stainless Steel (18 1/2" dia.)      | 418109D |
| Scrim Bag                                        | G139    |



# 10" Vari-Senior LED

Type 9531

## Features

High output, single source proprietary Mole-Richardson LED powered by house circuit, green & magenta correction, factory preset & variable-color temps, 4-channel DMX, LumenRadio, RDM, dual user interface for local control – 2.8" LCD touch-screen and twist & push selector, Bluetooth connectivity via Mole-Richardson iOS App, firmware upgradeable and user presets

## Specifications

**Head:** Type 9531 Variable-Color. 10" Vari-Senior LED.

**Rating:** 90-250 Volts AC, 50-60Hz, 800 Watts, 10 Amps Max.

DMX Standby Draw <0.2 Amps Max. 30V DC

**Light Source:** (1) - 800 Watt Mole-Richardson LED

2700-6500K 95+CRI, with +/- Green.

**Cable:** Detachable 20 ft. (6m) Cable, PowerCON TRUE1 to Edison with Inline Toggle Switch (included in price of fixture)

**Fuse:** 10 Amp SlowBlow. Fuse holder in trough

**DMX Control (Hardwire or LumenRadio):** 4 Channels, Color Temp, Intensity, Plus Green, Plus Magenta

**Bluetooth:** Intensity and Color Control Via Mole-Richardson iOS App

**Condenser:** 10 in (250mm) High Temp. Micro-Fresnel Technology

**Beam Angle:** 20° to 55° Variable Spot to Flood (Includes Field)

**Focusing:** Rear Mounted Focusing Crank

**Cooling:** Forced Air, Fan Speed Controlled by Temperature

**Construction:** Aluminum

**Yoke:** Aluminum with Standard Junior 1 1/8 in. (29mm) Pin

**DC In:** 30V DC, Regulated Constant Voltage

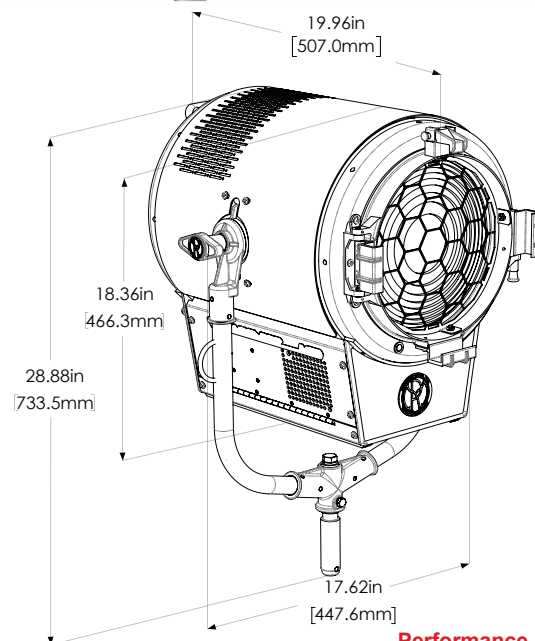
**Compliance:** RoHS.

**IP Rating:** 30

**Finish:** Textured Powder Epoxy Coat. Black / Red

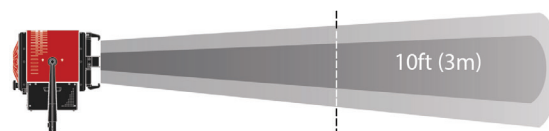
**Size:** 17 in(w) x 21 in(d) x 26 in(h)

**Weight:** 41 lbs/18.60 kg



## Performance Data

Using (1) 800 Watt high output single LED.



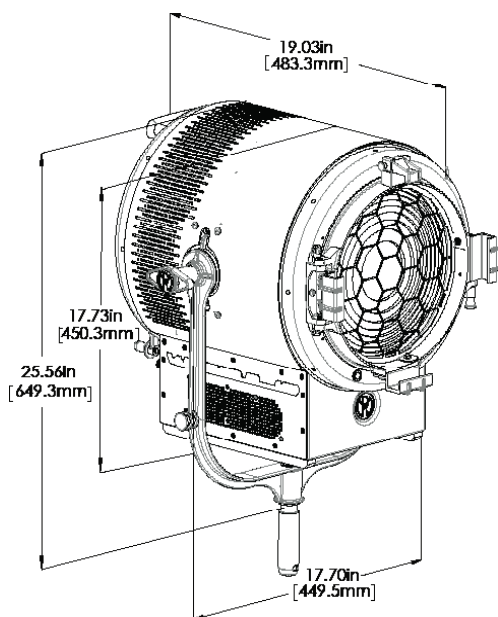
| 3200K TUNGSTEN     |       |              |
|--------------------|-------|--------------|
| Foot Candles (Lux) | FLOOD | 700 (7500)   |
|                    | SPOT  | 1500 (16000) |
| 6500K DAYLITE      |       |              |
| Foot Candles (Lux) | FLOOD | 800 (9500)   |
|                    | SPOT  | 1700 (19000) |

## Accessories

## Item Number

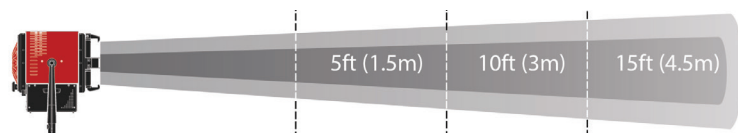
|                                              |         |
|----------------------------------------------|---------|
| 4-Way Studio JuniorLED Barn Door             | 89685   |
| Diffuser Frame (12" dia.)                    | 200053A |
| Half Single Scrim—Stainless Steel (12" dia.) | 412240S |
| Half Double Scrim—Stainless Steel (12" dia.) | 412240D |
| Full Single Scrim—Stainless Steel (12" dia.) | 412241S |
| Full Double Scrim—Stainless Steel (12" dia.) | 412241D |
| Scrim Bag                                    | G138    |





## Performance Data

Using (1) 250 Watt high output single LED.



| 3200K TUNGSTEN              |       |              |            |            |
|-----------------------------|-------|--------------|------------|------------|
| Foot Candles (Lux)          | FLOOD | 1600 (17222) | 320 (3444) | 150 (1615) |
|                             | SPOT  | 3400 (36597) | 700 (7534) | 350 (3767) |
| 6500K DAYLITE               |       |              |            |            |
| Foot Candles (Lux)          | FLOOD | 2000 (21527) | 400 (4305) | 180 (1938) |
|                             | SPOT  | 4400 (47361) | 800 (8611) | 420 (4520) |
| Beam Diameter Feet (meters) | FLOOD |              | 9.0 (2.7)  |            |
|                             | SPOT  |              | 3.0 (0.9)  |            |

## Features

High output, single source proprietary Mole-Richardson LED powered by house circuit, green & magenta correction, factory preset & variable-color temps, 4-channel DMX, LumenRadio, RDM, dual user interface for local control – 2.8" LCD touch-screen and twist & push selector, Bluetooth connectivity via Mole-Richardson iOS App, firmware upgradeable and user presets

## Specifications

**Head:** Type 9521 Variable-Color. 10" Vari-Studio Junior LED.

**Rating:** 90-250 Volts AC, 50-60Hz, 250 Watts, 3 Amps Max.

DMX Standby Draw <0.2 Amps Max. 30V DC

**Light Source:** (1) - 250 Watt Mole-Richardson LED

2700-6500K 95+CRI, with +/- Green

**Cable:** Detachable 20 ft. (6m) Cable, PowerCON TRUE1 to Edison with Inline Toggle Switch (included in price of fixture)

**Fuse:** 5 Amp Slow-Blow. Fuse holder in trough

**DMX Control (Hardwire or LumenRadio):** 4 Channels, Color Temp, Intensity, Plus Green, Plus Magenta

**Bluetooth:** Intensity and Color Control Via Mole-Richardson iOS App

**Condenser:** 10 in (254mm) Borosilicate Glass Fresnel

**Beam Angle:** 20° to 55° Variable Spot to Flood (Includes Field)

**Focusing:** Rear Mounted Focusing Knob

**Cooling:** Forced Air, Fan Speed Controlled by Temperature

**Construction:** Aluminum

**Yoke:** Aluminum with Standard Junior 1 1/8 in. (29mm) Pin

**DC In:** 30V DC, Regulated Constant Voltage

**Compliance:** RoHS.

**IP Rating:** 30

**Finish:** Textured Powder Epoxy Coat. Black / Red

**Size:** 17.70 in(w) x 19.03 in(d) x 25.56 in(h)

**Weight:** 24 lbs/10.90 kg

## Accessories

4-Way Studio JuniorLED Barn Door

Moledisc Diffuser Frame (12" dia.)

Half Single Scrim—Stainless Steel (12" dia.)

Half Double Scrim—Stainless Steel (12" dia.)

Single Scrim—Stainless Steel (12" dia.)

Double Scrim—Stainless Steel (12" dia.)

Scrim Bag

## Item Number

89685

200053A

412240S

412240D

412241S

412241D

G138



# 8" Vari-Junior LED

Type 9511 Variable-Color

## Features

High output, single source proprietary Mole-Richardson LED powered by house circuit, green & magenta correction, factory preset & variable-color temps, 4-channel DMX, LumenRadio, RDM, dual user interface for local control – 2.8" LCD touch-screen and twist & push selector, Bluetooth connectivity via Mole-Richardson iOS App, firmware upgradeable and user presets

## Specifications

**Head:** Type 9511 Variable-Color. 8" Vari-Junior LED.

**Rating:** 90-250 Volts AC, 50-60Hz, 180 Watts, 3 Amps Max.  
DMX Standby Draw <0.2 Amps Max. 30V DC

**Light Source:** (1) - 180 Watt Mole-Richardson LED  
2700-6500K 95+CRI, with +/- Green

**Cable:** Detachable 20 ft. (6m) Cable, PowerCON TRUE1 to Edison with  
Inline Toggle Switch (included in price of fixture)

**Fuse:** 3 Amp SlowBlow. Fuse holder in trough

**DMX Control (Hardwire or LumenRadio):** 4 Channels, Color Temp,  
Intensity, Plus Green, Plus Magenta

**Bluetooth:** Intensity and Color Control Via Mole-Richardson iOS App

**Condenser:** 8 in (203mm) Borosilicate Glass Fresnel

**Beam Angle:** 20° to 55° Variable Spot to Flood (Includes Field)

**Focusing:** Rear Mounted Focusing Knob

**Cooling:** Forced Air, Fan Speed Controlled by Temperature

**Construction:** Aluminum

**Yoke:** Aluminum with Standard Junior 1 1/8 in. (29mm) Pin

**DC In:** 30V DC, Regulated Constant Voltage

**Compliance:** RoHS.

**IP Rating:** 30

**Finish:** Textured Powder Epoxy Coat. Black / Red

**Size:** 17.70 in(w) x 19.03 in(d) x 25.56 in(h)

**Weight:** 24 lbs/10.90 kg

## Accessories

4-Way JuniorLED Barn Door

Diffuser Frame (9" dia.)

Half Single Scrim—Stainless Steel (9" dia.)

Half Double Scrim—Stainless Steel (9" dia.)

Full Single Scrim—Stainless Steel (9" dia.)

Full Double Scrim—Stainless Steel (9" dia.)

Scrim Bag

Snoot (Set of 3)

Molesnoot (Five-in-one) Apertures: 2", 2 3/8", 2 3/4", 3 1/8" and 3 1/2"

## Item Number

89485

4133

4138S

4138D

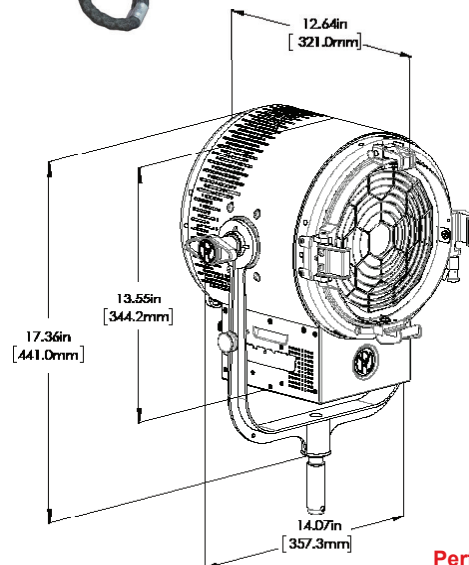
4139S

4139D

G137

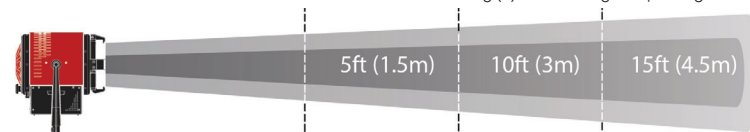
413316

41310

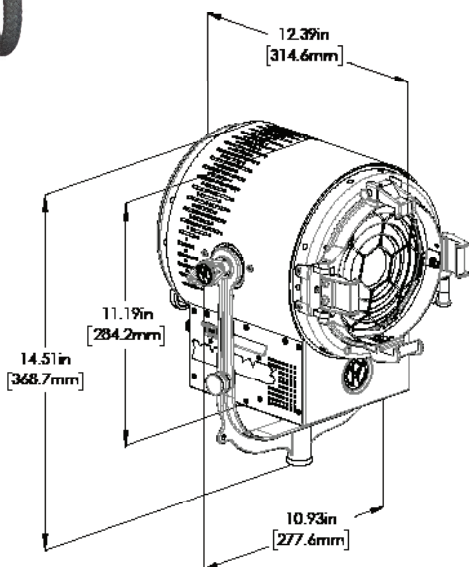


## Performance Data

Using (1) 180 Watt high output single LED.

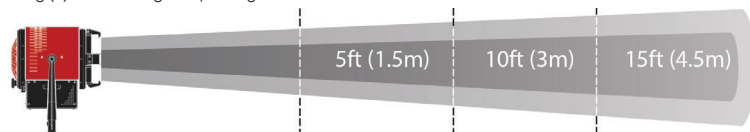


| 3200K TUNGSTEN              |       |              |            |            |
|-----------------------------|-------|--------------|------------|------------|
| Foot Candles (Lux)          | FLOOD | 750 (8073)   | 180 (1937) | 88 (947)   |
|                             | SPOT  | 1642 (17674) | 415 (4467) | 204 (2196) |
| 6500K DAYLITE               |       |              |            |            |
| Foot Candles (Lux)          | FLOOD | 1000 (10764) | 230 (2476) | 109 (1173) |
|                             | SPOT  | 2200 (23680) | 530 (5705) | 255 (2745) |
| Beam Diameter Feet (meters) | FLOOD | 3.4 (1)      | 6.8 (2.1)  | 10.3 (3.1) |
|                             | SPOT  | 1.1 (0.5)    | 2.3 (0.7)  | 3.4 (1)    |



## Performance Data

Using (1) 140 Watt high output single LED.



| 3200K TUNGSTEN              |       |              |            |            |
|-----------------------------|-------|--------------|------------|------------|
| Foot Candles (Lux)          | FLOOD | 570 (6135)   | 105 (1130) | 60 (646)   |
|                             | SPOT  | 1100 (11840) | 250 (2690) | 122 (1313) |
| 6500K DAYLITE               |       |              |            |            |
| Foot Candles (Lux)          | FLOOD | 690 (7427)   | 135 (1453) | 670 (7212) |
|                             | SPOT  | 1450 (15608) | 290 (3121) | 150 (1615) |
| Beam Diameter Feet (meters) | FLOOD | 3.5 (1.1)    | 7 (2.1)    | 10.5 (3.2) |
|                             | SPOT  | 0.9 (0.3)    | 1.7 (0.5)  | 2.6 (0.8)  |

## Features

High output, single source proprietary Mole-Richardson LED powered by house circuit, green & magenta correction, factory preset & variable-color temps, 4-channel DMX, LumenRadio, RDM, dual user interface for local control – 2.8" LCD touch-screen and twist & push selector, Bluetooth connectivity via Mole-Richardson iOS App, firmware upgradeable and user presets

## Specifications

**Head:** Type 9501 Variable-Color. 6" Vari-Baby LED.

**Rating:** 90-250 Volts AC, 50-60Hz, 140 Watts, 2 Amps Max.

DMX Standby Draw <0.2 Amps Max. 30V DC

**Light Source:** (1) - 140 Watt Mole-Richardson LED

2700-6500K 95+ CRI, with +/- Green

**Cable:** Detachable 20 ft. (6m) Cable, PowerCON TRUE1 to Edison with Inline Toggle Switch (included in price of fixture)

**Fuse:** 2 Amp SlowBlow. Fuse holder in trough

**DMX Control (Hardwire or LumenRadio):** 4 Channels, Color Temp, Intensity, Plus Green, Plus Magenta

**Bluetooth:** Intensity and Color Control Via Mole-Richardson iOS App

**Condenser:** 6 in (152mm) Borosilicate Glass Fresnel

**Beam Angle:** 20° to 55° Variable Spot to Flood (Includes Field)

**Focusing:** Rear Mounted Focusing Knob

**Cooling:** Forced Air, Fan Speed Controlled by Temperature

**Construction:** Aluminum

**Yoke:** Aluminum with Standard 5/8 in. Receiver.

**DC In:** 30V DC, Regulated Constant Voltage

**Compliance:** RoHS.

**IP Rating:** 30

**Finish:** Textured Powder Epoxy Coat. Black / Red

**Size:** 10.93 in(w) x 12.39 in(d) x 14.5 in(h)

**Weight:** 13 lbs/5.90 kg

## Accessories

|                                                                          | Item Number |
|--------------------------------------------------------------------------|-------------|
| 4-Way BabyLED Barn Door                                                  | 89285       |
| Diffuser Frame (6 5/8" dia.)                                             | 40748A      |
| Half Single Scrim—Stainless Steel (6 5/8" dia.)                          | 407281S     |
| Half Double Scrim—Stainless Steel (6 5/8" dia.)                          | 407281D     |
| Full Single Scrim—Stainless Steel (6 5/8" dia.)                          | 407280S     |
| Full Double Scrim—Stainless Steel (6 5/8" dia.)                          | 407280D     |
| Scrim Bag                                                                | G136        |
| Snoot (Set of 3)                                                         | 40747A      |
| Molesnoot (Five-in-one) Apertures: 2", 2 1/4", 2 3/4", 3 1/2" and 3 1/2" | 407184      |





## Specifications

DMX Standby draw <0.5 AMPS

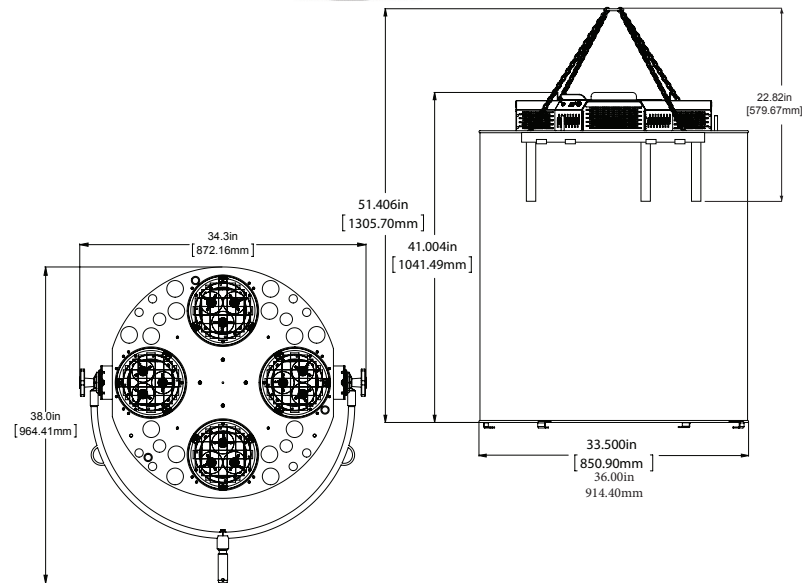
97CRI 2700° K - 95CRI 5600°K

Ch. 2 - Intensity: 0 - 100 %



### Accessory Bag

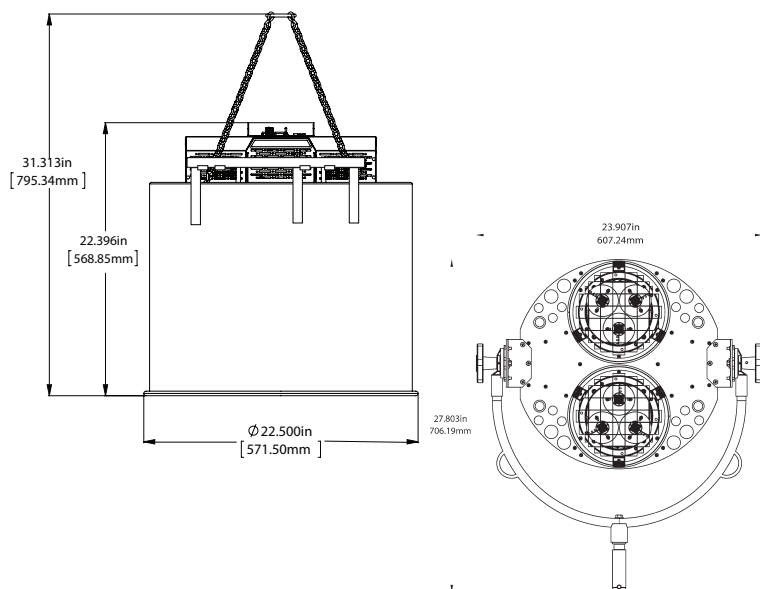
450763D

[illegible]

|                | Tungsten<br>2700K |                       | 900W Vari-Space LED<br>(No Diffusion) | Daylite<br>5600K  |  |
|----------------|-------------------|-----------------------|---------------------------------------|-------------------|--|
| 0 ft<br>0 m    |                   |                       |                                       |                   |  |
| 10 ft<br>3.1 m | 9.3 ft<br>2.8 m   | 765 (fc)<br>8186 (lx) | 825 (fc)<br>8869 (lx)                 | 18.3 ft<br>5.6 m  |  |
| 12 ft<br>3.7 m | 11.2 ft<br>3.4 m  | 465 (fc)<br>4976 (lx) | 570 (fc)<br>6128 (lx)                 | 22 ft<br>6.7 m    |  |
| 15 ft<br>4.6 m | 14 ft<br>4.3 m    | 345 (fc)<br>3709 (lx) | 435 (fc)<br>4655 (lx)                 | 27.5 ft<br>8.8 m  |  |
| 20 ft<br>6.1 m | 18.65 ft<br>5.7 m | 293 (fc)<br>3150 (lx) | 382 (fc)<br>4107 (lx)                 | 36.7 ft<br>11.2 m |  |
| 25 ft<br>7.6 m | 23.3 ft<br>7.1 m  | 135 (fc)<br>1451 (lx) | 165 (fc)<br>1774 (lx)                 | 45.8 ft<br>14 m   |  |



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## Specifications

**Head:** Type 9251

**Rating:** 90-250 VOLTS A.C. 50-60 Hz. 400 Watts, 4 Amps Max.  
DMX Standby draw <0.1 AMPS

**Light Source:** (6) 75 Watt Mole-Richardson Proprietary Color Mixing LEDs.  
97CRI 2700° K - 95CRI 5600°K

**Fuse:** 5 Amp, Slow-Blow, Fuseholder in top cover.

**Dimming:** Flicker-Free, Direct DC Dimming 100% - 0%

**Reflector:** Polished Aluminum, 60 Degree.

**Cooling:** Passive-Forced Air.

**Construction:** Rugged, Sheet Aluminum.

**Compliance:** RoHS, CE, UL, CSA Pending.

**IP Rating:** 30.

**Finish:** Textured Epoxy Powder Coat.

**Weight:** 18lbs/8.2kg

**Cable:** Detachable 20 ft. (6m) cable, powerCON to Edison with inline toggle switch (included in price of fixture)

**Local Control:** Two on-board potentiometers  
Dimming (100% - 0)

Color Temperature (2700°K to 5600°K)

**DMX Control:** Ch. 1 - Color Temp: 0 = 2700°K - 5600°K

Ch. 2 - Intensity: 0 - 100 %

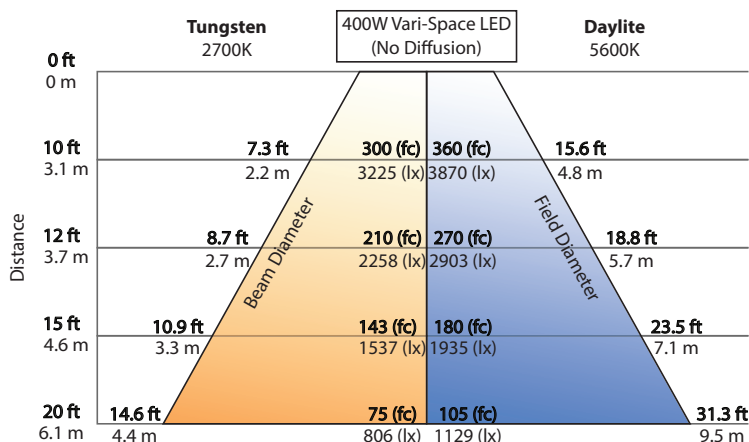
## Accessories

- Black Solid Skirt 927-10
- Silk Skirt 927-11
- Silk Target 927-12
- Half Black Solid Skirt 927-31
- Yoke Assembly 927-14
- Diffuser Frame (22 1/2" dia.) 927-29
- Accessory Bag G140
- Pass-thru Cable powerCON to powerCON - 25ft 927352

## \* Skypan Accessories

- Yoke Assembly 927-14
- Diffuser Holder 927-70
- Diffuser Frame (18 1/2" dia.) 418103
- Full Single Scrim—Stainless Steel (18 1/2" dia.) 418109S
- Full Double Scrim—Stainless Steel (18 1/2" dia.) 418109D
- Accessory Bag G139

## 400W LED Vari-Space Performance Data



\* Light tapers smoothly at edge of field. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center.



\* Skypan

# 200W Vari-Mole LED

Type 9171 Variable-Color



## Specifications

**Head:** Type 9171

**Rating:** 90-250 Volts AC, 50-60Hz, 200 Watts, 2 Amps Max.

**Light Source:** (1) - 200 Watt Mole-Richardson proprietary color mixing LEDs  
97CRI 2700°K - 5600°K

**Fuse:** 3 Amp Slow-Blow. Fuseholder in Head

**Dimming:** Flicker Free, Direct DC Dimming 100% - 0%

**Beam Angle:** 60° Beam Lens

**Cooling:** Passive-Forced Air

**Construction:** Aluminum and Steel

**Yoke:** Steel w/Standard 5/8 in (16mm) Receiver

**Compliance:** RoHS, CE, UL, CSA Pending

**IP Rating:** 20

**Finish:** Textured Epoxy Powder Coat.

**Size:** 11 in/295mm(d) x 8 in/222mm(w) x 13 in/328mm(h)

**Head Weight:** 6lbs/2.72kg (Head Only)

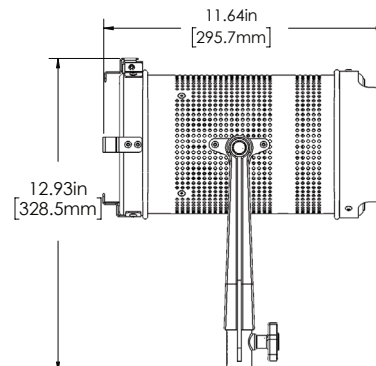
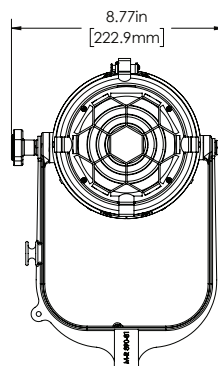
8lbs/3.63kg (Head with 20ft/6m cable)

**Cable:** Detachable 20 ft. (6m) cable, powerCON to Edison with  
inline toggle switch (included in price of fixture)

**Local Control:** Two on-board potentiometers

Dimming (100% - 0)

Color Temperature (2700°K to 5600°K)



## Accessories

4-Way Barn Door

Diffuser Frame (5 1/8" dia.)

Half Single Scrim—Stainless Steel (5 1/8" dia.)

Half Double Scrim—Stainless Steel (5 1/8" dia.)

Full Single Scrim—Stainless Steel (5 1/8" dia.)

Full Double Scrim—Stainless Steel (5 1/8" dia.)

Scrim Bag

Soff Box

## Item Number

89085

40437A

5526S

5526D

5523S

5523D

G135

9178

## 200W Vari-Mole LED Kit

Type 917111 Variable-Color Kit

## Performance Data

Using (1) 200 Watt Mole-Richardson LED

| Distance<br>Feet<br>(Meters) | 3200K | 5600K |
|------------------------------|-------|-------|
| 10                           | 55    | 67    |
| (3)                          | (539) | (717) |



## Kit Contents

(2) 200W Vari-Mole LED

(2) 4-Way Barn Door

(2) Cable W/ SW Box 12/3, 20 ft

(1) Carrying Case

## Item Number

9171

89085

927355

916102





## Specifications

**Head:** Type 9161

**Rating:** 90-250 Volts AC, 50-60Hz, 100 Watts, 0.5-1 Amps Max.

**Light Source:** (1) - 100 Watt Mole-Richardson proprietary color mixing LEDs  
97CRI 2700°K - 5600°K

**Fuse:** 1.5 Amp Slow-Blow. Fuseholder in Trough

**Dimming:** Flicker Free, Direct DC Dimming 100% - 0%

**Beam Angle:** 40° Beam Lens

**Cooling:** Passive-Forced Air

**Construction:** Aluminum and Steel

**Yoke:** Steel w/Standard 5/8 in (16mm) Receiver

**Compliance:** RoHS, CE, UL, CSA Pending

**IP Rating:** 20

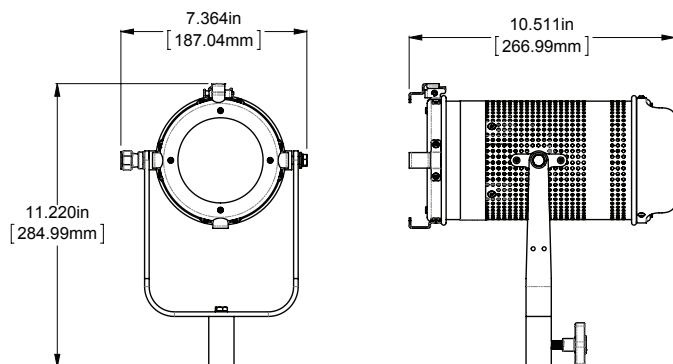
**Finish:** Textured Epoxy Powder Coat.

**Size:** 10.5 in/267 mm(d) x 7.4 in/187mm(w) x 11.2 in/284mm(h)

**Head Weight:** 6lbs/2.72kg (Head Only)  
8lbs/3.63kg (Head with 20ft/6m cable)

**Cable:** Detachable 20 ft. (6m) cable, powerCON to Edison with inline toggle switch (included in price of fixture)

**Local Control:** Two on-board potentiometers  
Dimming (100% - 0)  
Color Temperature (2700°K to 5600°K)



## Accessories

|                                                 | Item Number |
|-------------------------------------------------|-------------|
| 4-Way Barn Door                                 | 89085       |
| Diffuser Frame (5 1/8" dia.)                    | 40437A      |
| Half Single Scrim—Stainless Steel (5 1/8" dia.) | 5526S       |
| Half Double Scrim—Stainless Steel (5 1/8" dia.) | 5526D       |
| Full Single Scrim—Stainless Steel (5 1/8" dia.) | 5523S       |
| Full Double Scrim—Stainless Steel (5 1/8" dia.) | 5523D       |
| Scrim Bag                                       | G135        |
| Soft Box                                        | 9178        |

## 100W Vari-Mole LED Kit

Type 916111 Variable-Color Kit

### Kit Contents

|                                 | Item Number |
|---------------------------------|-------------|
| (2) 100W Vari-Mole LED          | 9161        |
| (2) 4-Way Barn Door             | 89085       |
| (2) Cable W/ SW Box 12/3, 20 ft | 927355      |
| (1) Carrying Case               | 916102      |



### Performance Data

Using (1) 100 Watt Mole-Richardson LED

| Distance<br>Feet<br>(Meters) | 2700K | 5600K |
|------------------------------|-------|-------|
| 10                           | 30    | 30    |
| (3)                          | (321) | (321) |

# 400W Vari-Soft LED



Type 9571 Variable-Color

Type 9571-51REV Variable-Color (Pole Operated)

## Specifications

**Head:** Type 9571, Type 9571-51REV

**Rating:** 90-250 Volts AC, 50-60Hz, 400 Watts, 4 Amps Max.

DMX Standby Draw <.1 Amps Max.

**Light Source:** (4) 100 Watt Mole-Richardson proprietary Color mixing LEDs

97CRI 2700°k - 95CRI 5600°k

**-Fuse:** 5 Amp Slow-Blow. Fuseholder in Trough

**Dimming:** Flicker Free, Direct DC Dimming 100% - 0

**Aperture:** 8 in x 16 in (203mm x 406mm)

**Beam Angle:** 170° (Includes Field)

**Bounce Reflector:** 95% Reflective White Painted Aluminum

**Cooling:** Passive-Forced Air

**Construction:** Aluminum

**Yoke:** Aluminum Strap. Accepts 0.625 in (16 mm) dia. mounting hardware

**Compliance:** RoHS, CE, UL, CSA Pending

**IP Rating:** 30

**Finish:** Textured Epoxy Powder Coat.

**Size:** 9.3 in/237mm(d) x 21.4 in/543mm(w) x 20.3 in/514mm(h)

**Head Weight:** 18lbs/8.20kg (Head with 20ft/6m cable)

**Cable:** Detachable 20 ft. (6m) cable, powerCON to Edison with inline

toggle switch (included in price of fixture)

**Local Control:** Two on-board potentiometers

Dimming (100% - 0)

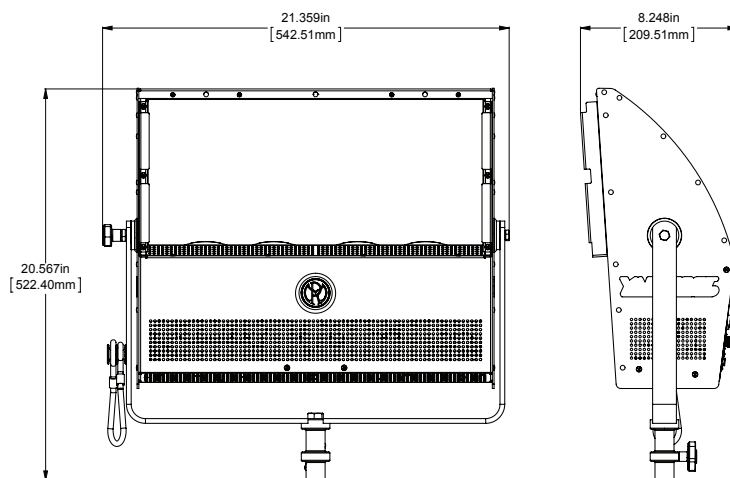
Color Temperature (2700°K to 5600°K)

**DMX Control:** Ch. 1 - Color Temp: 0 = 2700°K - 5600°K

Ch. 2 - Intensity: 0 - 100 %



\*Integrated on-board power supply



## Accessories

Egg Crate

2595

Diffuser Frame (18 1/4" x 8 1/4")

25930

Full Single Scrim—Stainless Steel (18 1/4" x 8 1/4")

25979S

Full Double Scrim—Stainless Steel (18 1/4" x 8 1/4")

25979D

Pass-thru Cable powerCON to powerCON - 25 ft.

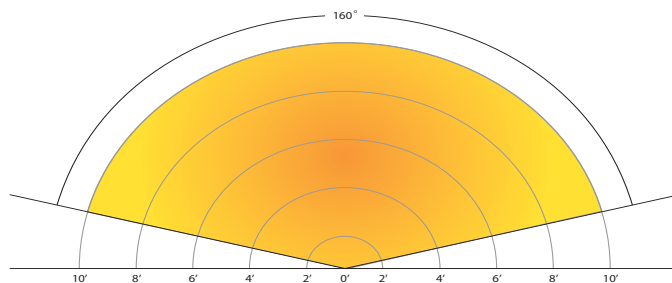
927352

## Item Number

## Performance Data

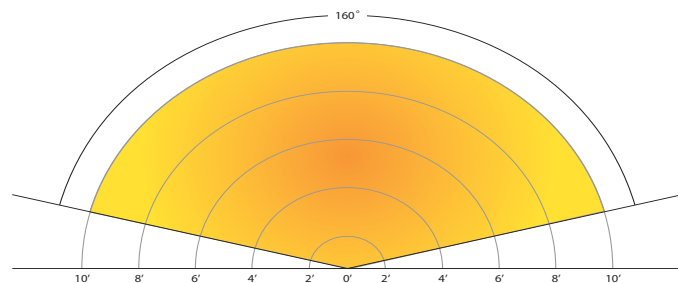
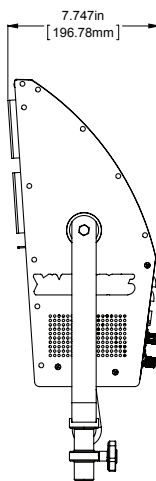
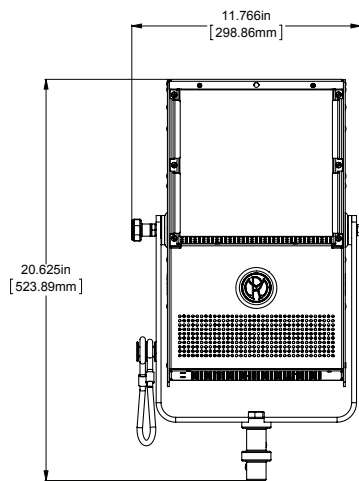
Using (4) 100 Watt Mole-Richardson LED

| Distance<br>Feet<br>(Meters) | Light Intensity<br>300W LED<br>Foot Candles (Lux) |       |       |       | 2591 - Tungsten<br>2000W<br>Foot Candles (Lux) -<br>3200K - Daylight |
|------------------------------|---------------------------------------------------|-------|-------|-------|----------------------------------------------------------------------|
|                              | 2700K                                             | 3200K | 4300K | 5600K |                                                                      |
| 10                           | 75                                                | 75    | 84    | 85    | 70                                                                   |
| (3)                          | (807)                                             | (807) | (904) | (915) | (753)                                                                |





\*Integrated on-board power supply



## Specifications

**Head:** Type 956, Type 9561-51REV

**Rating:** 90-250 Volts AC, 50-60Hz, 200 Watts, 2 Amps Max.  
DMX Standby Draw <.05 Amps Max.

**Light Source:** (2) - 100 Watt Mole-Richardson proprietary color mixing LEDs  
97CRI 2700°K - 5600°K

**Fuse:** 3 Amp Slow-Blow. Fuseholder in Trough

**Dimming:** Flicker Free, Direct DC Dimming 100% - 0

**Aperture:** 8 in x 8 in (203mm x 203mm)

**Beam Angle:** 170° (Includes Field)

**Bounce Reflector:** 95% Reflective White Painted Aluminum

**Cooling:** Passive-Forced Air

**Construction:** Aluminum

**Yoke:** Aluminum Strap. Accepts 0.625 in (16 mm) dia. mounting hardware

**Compliance:** RoHS, CE, UL, CSA Pending

**IP Rating:** 30

**Finish:** Textured Epoxy Coat.

**Size:** 8 in/203mm(d) x 21 in/533mm(w) x 12 in/305mm(h)

**Head Weight:** 12lbs/5.45kg (Head with 20ft/6m cable)

**Cable:** Detachable 20 ft. (6m) cable, powerCON to Edison with inline toggle switch (included in price of fixture)

**Local Control:** Two on-board potentiometers

Dimming (100% - 0)

Color Temperature (2700°K to 5600°K)

**DMX Control:** Ch. 1 - Color Temp: 0 = 2700°K - 5600°K

Ch. 2 - Intensity: 0 - 100 %

## Accessories

|                                              | Item Number |
|----------------------------------------------|-------------|
| Egg Crate                                    | 25827       |
| Diffuser Frame (8" x 8")                     | 25830       |
| Full Single Scrim—Stainless Steel (8" x 8")  | 25876S      |
| Full Double Scrim—Stainless Steel (8" x 8")  | 25876D      |
| Pass-thru Cable powerCON to powerCON- 25 ft. | 927352      |

## Performance Data

Using (2) 100 Watt Mole-Richardson LED

| Distance<br>Feet<br>(Meters) | Light Intensity<br>150W LED<br>Foot Candles (Lux) |       |       |       | 2581 - Tungsten<br>1000W<br>Foot Candles (Lux) -<br>3200K - Daylite |
|------------------------------|---------------------------------------------------|-------|-------|-------|---------------------------------------------------------------------|
|                              | 2700K                                             | 3200K | 4300K | 5600K |                                                                     |
| 10                           | 40                                                | 42    | 45    | 47    | 38                                                                  |
| (3)                          | (431)                                             | (452) | (484) | (506) | (409)                                                               |

# 1600W Tener LED

Type 9361 Tungsten

Type 9371 Daylite

## Specifications

**Head(s):** Type 9361 Tungsten and Type 9371 Daylite  
(Includes: Ballast, 25ft (8m) Head Cable, True Con Power Cable)

**Rating:** 90-250 Volts AC, 50-60Hz, 1600 Watts, 14.5 Amps Max.  
60 Volts DC 30 Amps Max.

**Light Source:** (1) - 1600 Watt Mole-Richardson LED  
3200K 95CRI Tungsten & 5600K 90CRI Daylight

**Cable:** Thru-cord Cable, DMX or Local Toggle in Ballast  
(breaker on ballast 20 Amps)

**Dimming:** Flicker Free, Direct DC Dimming  
Local Dimmer 100% - 0% (Minimal Color Shift)  
DMX Dimmer 100% - 0% (Minimal Color Shift)

**Control:** DMX512 In and Out. Manual DMX Address Selector

**Condenser:** 14 in (355mm) Borosilicate Glass Fresnel

**Beam Angle:** 10° to 55° Variable Spot to Flood (Includes Field)

**Focusing:** Crank on Back

**Cooling:** Passive-Forced Air

**Construction:** Aluminum and Steel with Interlocking Channels

**Yoke:** Tubular aluminum and aluminum castings with removable  
1 1/8" dia. steel yoke pin.

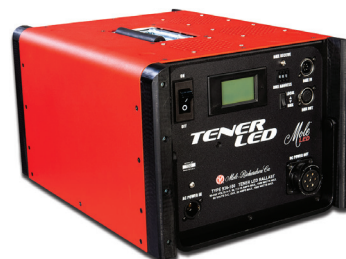
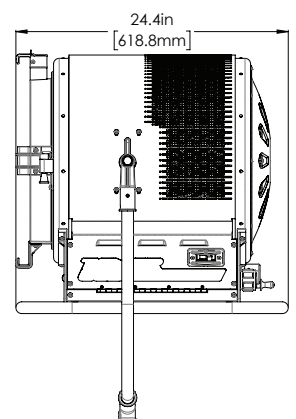
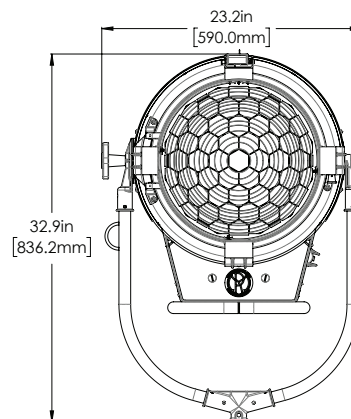
**Compliance:** RoHS, CE, UL, CSA Pending

**IP Rating:** 30

**Finish:** Textured Powder Epoxy Coat.

**Size:** 24 in/618mm(d) x 23 in/590mm(w) x 33 in/836mm(h)

**Head Weight:** 70lbs/31.80kg



\* 1600W Tener LED Ballast

## Accessories

## Item Number

|                                                 |         |
|-------------------------------------------------|---------|
| 4-Way Tener LED Barn Door                       | 93685   |
| Diffuser Frame (18 1/2" dia)                    | 418103  |
| Half Single Scrim—Stainless Steel (18 1/2" dia) | 418108S |
| Half Double Scrim—Stainless Steel (18 1/2" dia) | 418108D |
| Full Single Scrim—Stainless Steel (18 1/2" dia) | 418109S |
| Full Double Scrim—Stainless Steel (18 1/2" dia) | 418109D |
| Scrim Bag                                       | G139    |
| Head Extension Cable 25ft                       | 664115  |
| Head Extension Cable 50ft                       | 664108  |

## Performance Data

Using (1) 1600 Watt high output single LED.

| Distance<br>Feet (Meters) | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Tungsten | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Tungsten | 4611<br>10,000W Flood<br>Foot Candles (Lux)<br>Tungsten | 6641<br>2500W HMI Flood<br>Foot Candles (Lux)<br>Daylite (Wide Lens) |
|---------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------|
| 10 (3)                    | 2000 (21,400)                                                            | 1600 (17,120)                                                             | 4000 (42,800)                                                           | 3200 (34,240)                                                            | 1600 (17,222)                                           | 2000 (21,527)                                                        |

Light tapers smoothly at edge of field. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center.



## Specifications

**Head(s):** Type 9341 Tungsten and Type 9351 Daylite

**Rating:** 90-250 Volts AC, 50-60Hz, 900 Watts, 8 Amps Max.  
DMX Standby Draw <.20 Amps Max.

**Light Source:** (1) - 900 Watt Mole-Richardson LED  
3200K 95CRI Tungsten & 5600K 90CRI Daylight

**Cable:** Thru-cord Toggle in Cable, DMX or Local Toggle in Trough

**Fuse:** 10 Amp Slow-Blow. Fuseholder in Trough

**Dimming:** Flicker Free, Direct DC Dimming  
Local Dimmer 100% - 0% (Minimal Color Shift)  
DMX Dimmer 100% - 0% (Minimal Color Shift)

**Control:** DMX512-A In and Out. Manual DMX Address Selector

**Condenser:** 10 in (254mm) Borosilicate Glass Fresnel

**Beam Angle:** 10° to 55° Variable Spot to Flood (Includes Field)

**Focusing:** Crank on Back

**Cooling:** Passive-Forced Air

**Construction:** Aluminum and Steel with Interlocking Channels

**Yoke:** Aluminum w/Standard 1 1/8 in (29mm) Pin

**Compliance:** RoHS. CE, UL, CSA Pending

**IP Rating:** 30

**Finish:** Textured Powder Epoxy Coat.

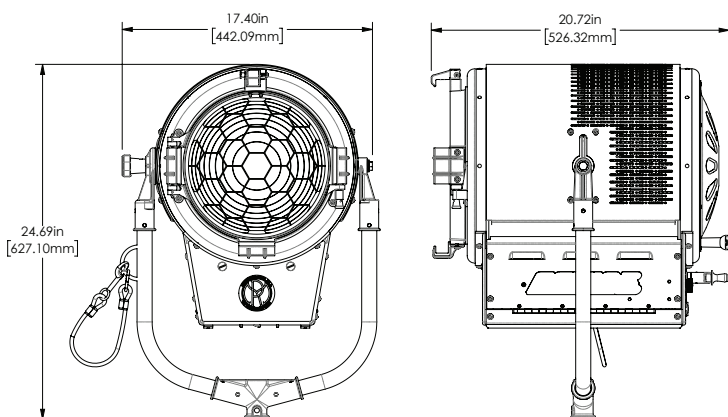
**Size:** 21 in/533mm(d) x 17 in/432mm(w) x 26 in/660mm(h)

**Head Weight:** 41lbs/18.60kg

## Accessories

## Item Number

|                                                                                |         |
|--------------------------------------------------------------------------------|---------|
| 4-Way Studio JuniorLED Barn Door                                               | 89685   |
| Diffuser Frame (12" dia.)                                                      | 200053A |
| Half Single Scrim—Stainless Steel (12" dia.)                                   | 412240S |
| Half Double Scrim—Stainless Steel (12" dia.)                                   | 412240D |
| Full Single Scrim—Stainless Steel (12" dia.)                                   | 412241S |
| Full Double Scrim—Stainless Steel (12" dia.)                                   | 412241D |
| Scrim Bag                                                                      | G138    |
| Input Power Cable powerCon to House - 25 ft.<br>(Included in price of fixture) | 927350  |



## Performance Data

Using (1) 900 Watt high output single LED.

| Distance<br>Feet (Meters) | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Tungsten | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Tungsten | 4351<br>5000W Flood<br>Foot Candles (Lux)<br>Tungsten | 6631<br>1200W HMI Flood<br>Foot Candles (Lux)<br>Daylite |
|---------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|
| 10 (3)                    | 1000(10,764)                                                             | 800 (8,611)                                                               | 2000 (21,528)                                                           | 1600 (17,222)                                                            | 875 (9,418)                                           | 736 (7,922)                                              |

Light tapers smoothly at edge of field. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center.

# 400W Studio Junior LED

Type 8961 Tungsten  
Type 8861 Tungsten (Non-DMX)  
Type 8971 Daylite  
Type 8871 Daylite (Non-DMX)

## Specifications

**Head(s):** Type 8961 Tungsten and Type 8971 Daylite

**Rating:** 90-250 Volts AC, 50-60Hz, 400 Watts, 4 Amps Max.  
DMX Standby Draw <.20 Amps Max.

**Light Source:** (1) - 400 Watt Mole-Richardson LED  
3200K 95CRI Tungsten & 5600K 90CRI Daylight

**Cable:** Detachable 20 ft. (6 m) cable, powerCON to Edison with  
inline toggle switch (included in price of fixture)

**Switch:** Thru-cord Toggle in Cable, DMX or Local Toggle in Trough

**Fuse:** 4 Amp Slow-Blow. Fuseholder in Trough

**Dimming:** Flicker Free, Direct DC Dimming  
Local Dimmer 100% - 0% (Minimal Color Shift)  
DMX Dimmer 100% - 0% (Minimal Color Shift)

**Control:** DMX512-A In and Out. Manual DMX Address Selector

**Condenser:** 10 in (254mm) Borosilicate Glass Fresnel

**Beam Angle:** 10° to 55° Variable Spot to Flood (Includes Field)

**Focusing:** Rotating Knob on Front and Back

**Cooling:** Passive-Forced Air

**Construction:** Aluminum and Steel with Interlocking Channels

**Yoke:** Cast Aluminum w/Standard 1 1/8 in (29mm) Pin

**Compliance:** RoHS, CE, UL, CSA

**IP Rating:** 30

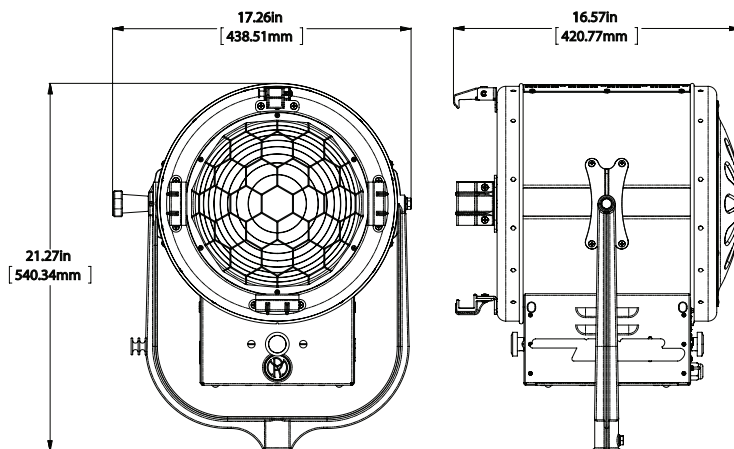
**Finish:** Textured Powder Epoxy Coat.

**Size:** 17 in/432mm(d) x 17 in/432mm(w) x 21 1/2 in/546mm(h)

**Head Weight:** 24lbs/10.90kg (Head Only)  
27.5lbs/12.25kg (Head with 25ft/7.6m cable)

## Accessories

|                                                      | Item Number |
|------------------------------------------------------|-------------|
| 4-Way Studio JuniorLED Barn Door                     | 89685       |
| Diffuser Frame (12" dia.)                            | 200053A     |
| Half Single Scrim—Stainless Steel (12" dia.)         | 412240S     |
| Half Double Scrim—Stainless Steel (12" dia.)         | 412240D     |
| Full Single Scrim—Stainless Steel (12" dia.)         | 412241S     |
| Full Double Scrim—Stainless Steel (12" dia.)         | 412241D     |
| Scrim Bag                                            | G138        |
| Snoot (Set of 3)                                     | 41259       |
| Molesnoot (Five-in-one) Apertures: 3", 4", 5" and 7" | 412-195     |
| 400 Watt Studio JuniorLED Retrofit Kit, Tungsten     | 896110      |
| 400 Watt Studio JuniorLED Retrofit Kit, Daylite      | 897110      |



## Performance Data

Using (1) 400 Watt Mole-Richardson QD LED.

| Distance<br>Feet (Meters) | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Tungsten | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Tungsten | Beam Diameter<br>Maximum <b>Flood</b><br>Feet (Meters) | Beam Diameter<br>Maximum <b>Spot</b><br>Feet (Meters) |
|---------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| 5 (1.5)                   | 1,300 (13,993)                                                           | 1,200 (12,916)                                                            | 3,100 (33,368)                                                          | 3,000 (32,291)                                                           |                                                        |                                                       |
| 10 (3)                    | 397 (4,273)                                                              | 380 (4,090)                                                               | 990 (10,656)                                                            | 900 (9,687)                                                              | 9.0 (2.7)                                              | 3.0 (0.9)                                             |
| 15 (4.6)                  | 155 (1,668)                                                              | 145 (1,560)                                                               | 450 (4,843)                                                             | 420 (4,520)                                                              |                                                        |                                                       |

Light tapers smoothly at edge of field. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center.

Type 8941 Tungsten  
Type 8841 Tungsten (Non-DMX)  
Type 8951 Daylite  
Type 8851 Daylite (Non-DMX)



## Specifications

**Head(s):** Type 8941 Tungsten and Type 8951 Daylite

**Rating:** 90-250 Volts AC, 50-60Hz, 200 Watts, 2 Amps Max.  
DMX Standby Draw <.10 Amps Max.

**Light Source:** (1) - 200 Watt Mole-Richardson LED  
3200K 95CRI Tungsten & 5600K 90CRI Daylight

**Cable:** Detachable 20 ft. (6m) cable, powerCON to Edison with  
inline toggle switch (included in price of fixture)

**Switch:** Thru-cord Toggle in Cable, DMX or Local Toggle in Trough

**Fuse:** 2 Amp Slow-Blow. Fuseholder in Trough

**Dimming:** Flicker Free, Direct DC Dimming  
Local Dimmer 100% - 0% (Minimal Color Shift)  
DMX Dimmer 100% - 0% (Minimal Color Shift)

**Control:** DMX512-A In and Out. Manual DMX Address Selector

**Condenser:** 8 in (203mm) Borosilicate Glass Fresnel

**Beam Angle:** 13° to 54° Variable Spot to Flood (Includes Field)

**Focusing:** Rotating Knob on Front and Back

**Cooling:** Passive-Forced Air

**Construction:** Aluminum and Steel with Interlocking Channels

**Yoke:** Cast Aluminum w/Standard 1 1/8 in (29mm) Pin

**Compliance:** RoHS. CE, UL, CSA

**IP Rating:** 30

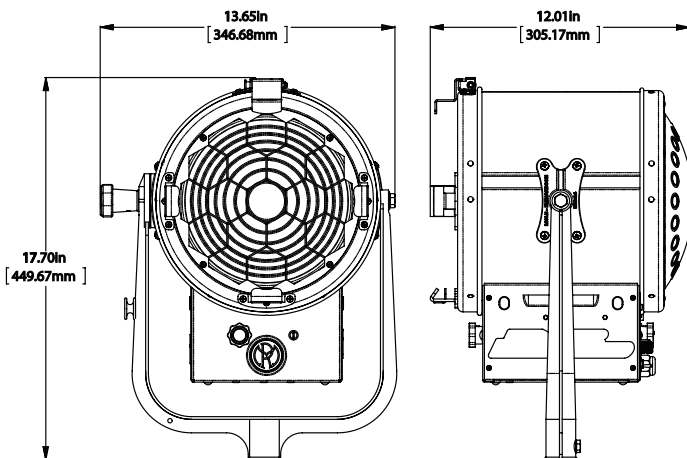
**Finish:** Textured Powder Epoxy Coat.

**Size:** 12 in/305mm(d) x 14 in/356mm(w) x 20 5/8 in/524mm(h)

**Head Weight:** 14lbs/6.40kg (Head Only)  
16lbs/7.23kg (Head with 25ft/7.6m cable)

## Accessories

|                                                                          | Item Number |
|--------------------------------------------------------------------------|-------------|
| 4-Way JuniorLED Barn Door                                                | 89485       |
| Diffuser Frame (9" dia.)                                                 | 4133        |
| Half Single Scrim—Stainless Steel (9" dia.)                              | 4138S       |
| Half Double Scrim—Stainless Steel (9" dia.)                              | 4138D       |
| Full Single Scrim—Stainless Steel (9" dia.)                              | 4139S       |
| Full Double Scrim—Stainless Steel (9" dia.)                              | 4139D       |
| Scrim Bag                                                                | G137        |
| Snoot (Set of 3)                                                         | 413316      |
| Molesnoot (Five-in-one) Apertures: 2", 2 1/4", 2 3/4", 3 1/8" and 3 1/2" | 41310       |
| 200 Watt JuniorLED Retrofit Kit, Tungsten                                | 894110      |
| 200 Watt JuniorLED Retrofit Kit, Daylite                                 | 895110      |



## Performance Data

Using (1) 200 Watt Mole-Richardson QD LED

| Distance<br>Feet (Meters) | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Tungsten | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Tungsten | Beam Diameter<br>Maximum <b>Flood</b><br>Feet (Meters) | Beam Diameter<br>Maximum <b>Spot</b><br>Feet (Meters) |
|---------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| 5 (1.5)                   | 680 (7,320)                                                              | 620 (6,674)                                                               | 1,900 (20,451)                                                          | 1,800 (19,375)                                                           | 3.4 (1.0)                                              | 1.1 (0.3)                                             |
| 10 (3)                    | 180 (1,938)                                                              | 160 (1,722)                                                               | 450 (4,844)                                                             | 450 (4,844)                                                              | 6.8 (2.1)                                              | 2.3 (0.7)                                             |
| 15 (4.6)                  | 80 (861)                                                                 | 70 (754)                                                                  | 200 (2,153)                                                             | 200 (2,153)                                                              | 10.3 (3.1)                                             | 3.4 (1.0)                                             |

Light tapers smoothly at edge of field. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center.

# 150W Baby LED

Type 8921 Tungsten

Type 8821 Tungsten (Non-DMX)

Type 8931 Daylite

Type 8831 Daylite (Non-DMX)

## Specifications

**Head(s):** Type 8921 Tungsten and Type 8931 Daylite

**Rating:** 90-250 Volts AC, 50-60Hz, 150 Watts, 2 Amps Max.

DMX Standby Draw <.08 Amps Max.

**Light Source:** (1) - 150 Watt Mole-Richardson Quantum Dot LED  
3200K 95CRI Tungsten & 5600K 90CRI Daylight

**Cable:** Detachable 20 ft. (6m) cable, powerCON to Edison with  
inline toggle switch (included in price of fixture)

**Switch:** Thru-cord Toggle in Cable, DMX or Local Toggle in Trough

**Fuse:** 2 Amp Slow-Blow. Fuseholder in Trough

**Dimming:** Flicker Free, Direct DC Dimming  
Local Dimmer 100% - 0% (Minimal Color Shift)  
DMX Dimmer 100% - 0% (Minimal Color Shift)

**Control:** DMX512-A In and Out. Manual DMX Address Selector

**Condenser:** 6 in (152mm) Borosilicate Glass Fresnel

**Beam Angle:** 10° to 55° Variable Spot to Flood (Includes Field)

**Focusing:** Rotating Knob on Front and Back

**Cooling:** Passive-Forced Air

**Construction:** Aluminum and Steel with Interlocking Channels

**Yoke:** Cast Aluminum w/Standard 5/8 in (16mm) Receiver

**Compliance:** RoHS, CE, UL, CSA

**IP Rating:** 30

**Finish:** Textured Powder Epoxy Coat.

**Size:** 11 in/279mm(d) x 11 in/279mm(w) x 17 1/4 in/438mm(h)

**Head Weight:** 8.5lbs/3.86kg (Head Only)  
11lbs/4.99kg (Head with 25ft/7.6m cable)



## Accessories

4-Way BabyLED Barn Door

Diffuser Frame (6 5/8" dia.)

Half Single Scrim—Stainless Steel (6 5/8" dia.)

Half Double Scrim—Stainless Steel (6 5/8" dia.)

Full Single Scrim—Stainless Steel (6 5/8" dia.)

Full Double Scrim—Stainless Steel (6 5/8" dia.)

Scrim Bag

Snoot (Set of 3)

Molesnoot (Five-in-one) Apertures: 2" , 2 1/8" , 2 3/4" , 3 1/8" and 3 1/2"

150 Watt BabyLED Retrofit Kit, Tungsten

150 Watt BabyLED Retrofit Kit, Daylite

## Item Number

89285

40748A

407281S

407281D

407280S

407280D

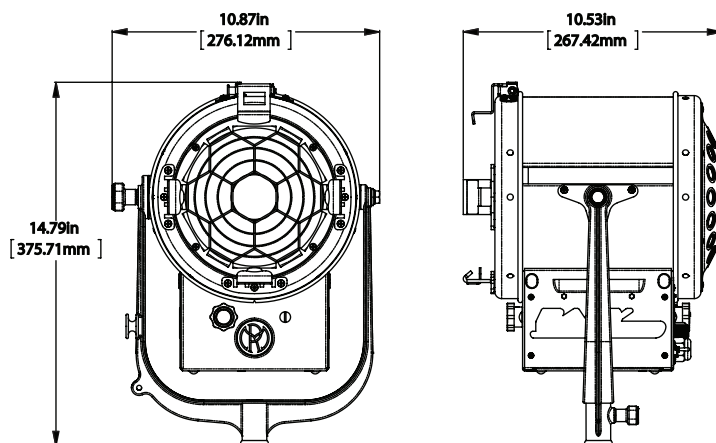
G136

40747A

407184

892110

893110



## Performance Data

Using (1) 150 Watt Mole-Richardson QD LED.

| Distance<br>Feet (Meters) | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Tungsten | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Tungsten | Beam Diameter<br>Maximum <b>Flood</b><br>Feet (Meters) | Beam Diameter<br>Maximum <b>Spot</b><br>Feet (Meters) |
|---------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| 5 (1.5)                   | 460 (4,951)                                                              | 370 (3,983)                                                               | 1,800 (19,375)                                                          | 1,300 (13,993)                                                           | 3.5 (1.1)                                              | 0.9 (0.3)                                             |
| 10 (3.0)                  | 130 (1,399)                                                              | 100 (1,076)                                                               | 380 (4,090)                                                             | 370 (3,983)                                                              | 7.0 (2.1)                                              | 1.7 (0.5)                                             |
| 15 (4.6)                  | 60 (646)                                                                 | 55 (592)                                                                  | 260 (2,799)                                                             | 170 (1,830)                                                              | 10.5 (3.2)                                             | 2.6 (0.8)                                             |

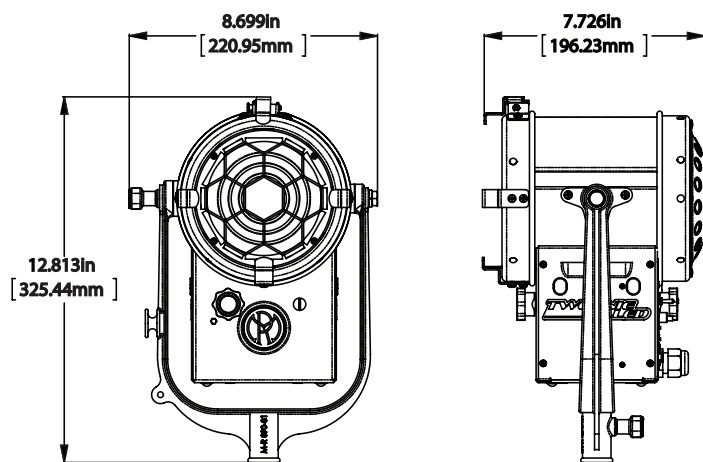
Light tapers smoothly at edge of field. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center.

Type 8901 Tungsten

Type 8801 Tungsten (Non-DMX)

Type 8911 Daylite

Type 8811 Daylite (Non-DMX)



## Specifications

**Head(s):** Type 8901 Tungsten and Type 8911 Daylite

**Rating:** 90-250 Volts AC, 50-60Hz, 100 Watts, 2 Amp Max.  
DMX Standby Draw <.05 Amps Max.

**Light Source:** (1) - 100 Watt Mole-Richardson Quantum Dot LED  
3200K 95CRI Tungsten & 5600K 90CRI Daylight

**Cable:** Detachable 20 ft. (6m) cable, powerCON to Edison with  
inline toggle switch (included in price of fixture)

**Switch:** Thru-cord Toggle in Cable, DMX or Local Toggle in Trough

**Fuse:** 2 Amp Slow-Blow. Fuseholder in Trough

**Dimming:** Flicker Free, Direct DC Dimming  
Local Dimmer 100% - 0% (Minimal Color Shift)  
DMX Dimmer 100% - 0% (Minimal Color Shift)

**Control:** DMX512-A In and Out. Manual DMX Address Selector

**Condenser:** 4 1/2 in (113mm) Borosilicate Glass Fresnel

**Beam Angle:** 22° to 56° Variable Spot to Flood (Includes Field)

**Focusing:** Rotating Knob on Front and Back

**Cooling:** Passive-Forced Air

**Construction:** Aluminum and Steel with Interlocking Channels

**Yoke:** Cast Aluminum w/Standard 5/8 in (16mm) Receiver

**Compliance:** RoHS, CE, UL, CSA

**IP Rating:** 30

**Finish:** Textured Powder Epoxy Coat.

**Size:** 8 in/200mm(d) x 9 in/229mm(w) x 16 in/406mm(h)

**Head Weight:** 6lbs/2.72kg (Head Only)  
8lbs/3.63kg (Head with 25ft/7.6m cable)

## Accessories

|                                                                  | Item Number |
|------------------------------------------------------------------|-------------|
| 4-Way TweenieLED Barn Door                                       | 89085       |
| Diffuser Frame (5 1/8" dia.)                                     | 40437A      |
| Half Single Scrim—Stainless Steel (5 1/8" dia.)                  | 5526S       |
| Half Double Scrim—Stainless Steel (5 1/8" dia.)                  | 5526D       |
| Full Single Scrim—Stainless Steel (5 1/8" dia.)                  | 5523S       |
| Full Double Scrim—Stainless Steel (5 1/8" dia.)                  | 5523D       |
| Scrim Bag                                                        | G135        |
| Snoot (Set of 3)                                                 | 40438A      |
| Molesnoot (Five-in-one) Apertures: 1", 1 3/4", 2 1/8" and 2 1/2" | 23532       |
| 100 Watt TweenieLED Retrofit Kit, Tungsten                       | 890110      |
| 100 Watt TweenieLED Retrofit Kit, Daylite                        | 891110      |

## Performance Data

Using (1) 100 Watt Mole-Richardson QD LED.

| Distance<br>Feet (Meters) | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Flood</b><br>Foot Candles (Lux)<br>Tungsten | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Daylite | Light Intensity<br>Maximum <b>Spot</b><br>Foot Candles (Lux)<br>Tungsten | Beam Diameter<br>Maximum <b>Flood</b><br>Feet (Meters) | Beam Diameter<br>Maximum <b>Spot</b><br>Feet (Meters) |
|---------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| 5 (1.5)                   | 300 (3,229)                                                              | 240 (2,583)                                                               | 430 (4,628)                                                             | 400 (4,306)                                                              | 3.7 (1.1)                                              | 1.9 (0.6)                                             |
| 10 (3.0)                  | 75 (807)                                                                 | 60 (646)                                                                  | 145 (1,561)                                                             | 120 (1,292)                                                              | 7.3 (2.2)                                              | 3.8 (1.2)                                             |
| 15 (4.6)                  | 35 (377)                                                                 | 30 (323)                                                                  | 65 (700)                                                                | 50 (538)                                                                 | 11.0 (3.4)                                             | 5.7 (1.7)                                             |

Light tapers smoothly at edge of field. Dimensions listed define flat area boundaries at which the intensities are approximately 50% of tabulated intensities at beam center.



## Retrofit Kits

### Reuse, Repurpose and Recycle your Mole-Richardson Fresnels

With thousands of Mole-Richardson Fresnels the world over, it only made sense to offer retrofit kits to keep those fixtures working for another generation. The self-contained troughs allow you to convert your existing Tungsten Fresnels to either Daylight or Tungsten LED's with no modifications needed to the head. In fact, you can keep your original Tungsten trough for future use, and switch between the two in minutes should the need arise.

### 100W Tweenie LED Retrofit

#### TweenieLED Retrofit Kits

Type 880110: 100W, Tweenie LED, Tungsten, 4 1/2" Non-DMX

Type 890110: 100W, Tweenie LED, Tungsten, 4 1/2" DMX

Type 881110: 100W, Tweenie LED, Daylite, 4 1/2" Non-DMX

Type 891110: 100W, Tweenie LED, Daylite, 4 1/2" DMX

#### Kits Contains:

- Mole LED Tungsten or Daylight Trough
- Mole LED specific Fresnel Lens
- Mole LED Tweenie Yoke
- Hardware Package w/tool
- Instruction Sheet

#### Compatible Fixture:

- Type 4821 Tweenie



### 150W Baby LED Retrofit

#### BabyLED Retrofit Kits

Type 882110: 150W, Baby LED, Tungsten, 6" Non-DMX

Type 892110: 150W, Baby LED, Tungsten, 6" DMX

Type 883110: 150W, Baby LED, Daylite, 6" Non-DMX

Type 893110: 150W, Baby LED, Daylite, 6" DMX

#### Kits Contains:

- Mole LED Tungsten or Daylight Trough
- Mole LED specific Fresnel Lens
- Hardware Package w/tool
- Instruction Sheet

#### Compatible Fixtures:

- Type 407 Baby
- Type 3081 6" Baby



### 200W Junior LED Retrofit

#### JuniorLED Retrofit Kits

Type 884110: 200W, Junior LED, Tungsten, 8" Non-DMX

Type 894110: 200W, Junior LED, Tungsten, 8" DMX

Type 885110: 200W, Junior LED, Daylite, 8" Non-DMX

Type 895110: 200W, Junior LED, Daylite, 8" DMX

#### Kits Contains:

- Mole LED Tungsten or Daylight Trough
- Mole LED specific Fresnel Lens
- Hardware Package w/tool
- Instruction Sheet

#### Compatible Fixture:

- Type 5291 8" Junior



### 400W Studio Junior LED Retrofit

#### Studio JuniorLED Retrofit Kits

Type 886110: 400W, Studio Junior LED, Tungsten, 10" Non-DMX

Type 896110: 400W, Studio Junior LED, Tungsten, 10" DMX

Type 887110: 400W, Studio Junior LED, Daylite, 10" Non-DMX

Type 897110: 400W, Studio Junior LED, Daylite, 10" DMX

#### Kits Contains:

- Mole LED Tungsten or Daylight Trough
- Mole LED specific Fresnel Lens
- Hardware Package w/tool
- Instruction Sheet

#### Compatible Fixtures:

- Type 412 Junior





## Pole-Ops

### Pan, Tilt and Focus from the comfort of...the ground

Take the full feature list from the entire line of DMX Mole LED Fresnels and put the safety and convenience of Pole-Operation and you get the best studio LED Fresnels available. The Pole-Ops come standard with a 36" (1 meter) input power cable, no thru-cord switch and the connector of your choice. In addition, you can choose either the standard 5-pin or optional 3-pin DMX connections.

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### 100W Tweenie LED Pole-Op

#### **TweenieLED Pole-Operated**

Type 8901-51REV: 100W, Tweenie LED, Tungsten, 4 1/2" DMX

Type 8911-51REV: 100W, Tweenie LED, Daylite, 4 1/2" DMX



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### 150W Baby LED Pole-Op

#### **BabyLED Pole-Operated**

Type 8921-51REV: 150W, Baby LED, Tungsten, 6" DMX

Type 8931-51REV: 150W, Baby LED, Daylite, 6" DMX



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### 200W Junior LED Pole-Op

Type 8941-51REV: 200W, Junior LED, Tungsten, 8" DMX

Type 8951-51REV: 200W, Junior LED, Daylite, 8" DMX



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### 400W Studio Junior LED Pole-Op

#### **Studio JuniorLED Pole-Operated**

Type 8961-51REV: 400W, Studio Junior LED, Tungsten, 10" DMX

Type 8971-51REV: 400W, Studio Junior LED, Daylite, 10" DMX





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