


|                        |       |      |           |  |
|------------------------|-------|------|-----------|--|
| MINILITER® V<br>SERIES | Cat.# |      | Approvals |  |
|                        | Job   | Type |           |  |

### SPECIFICATIONS

#### Intended Use:

Sign, facade, area, accent and general security lighting

#### Construction:

- Die-cast aluminum housing and door, rugged, corrosion resistant and compact
- Tempered, impact resistant glass lens
- Tool-free entry for easy maintenance – twin stainless steel eccentric latches
- Protective dark bronze powder paint finish
- Effective Projected Area (EPA) is 1.4 sq. ft.

#### New UST Versions:

UST fixtures are built in Christiansburg, VA and are offered with an array of options including finish color, cord, fusing, twist lock photocell receptacle and quartz standby; Units meet ARRA level 2

#### Optics:

- Silicone lens/door gasket provides positive seal
- Wide, uniform beam with high efficiency for maximum beam coverage, spread covers are four times the set-back
- Mogul base lamp included

#### Electrical:

HPF ballast in Quad-Tap® (120, 208, 240, 277V), or 480V

#### Installation:

Steel yoke (MHS-Y) with three-hole pattern allows versatile mounting. Cast aluminum knuckle (MHS-K) slip-fits 23/8" OD tenons/pipe, provides concealed wiring for appearance and safety.

#### Listings:

Listed to UL 1598 for use in wet locations, CSA 22.2 No. 250.0-00, suitable for wet locations. U.S. Patent No. 6,461,026

#### Warranty:

For more information visit:  
<http://www.hubbelloutdoor.com/resources/warranty/>

### CERTIFICATIONS/LISTINGS

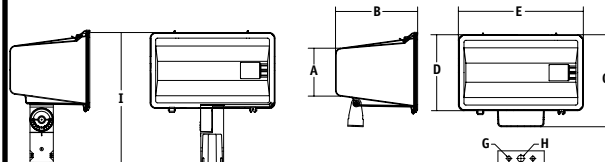


### PRODUCT IMAGE(S)



MHS YOKE MOUNT

### DIMENSIONS



MHS KNUCKLE MOUNT

MHS YOKE MOUNT

| A      | B       | C      | D      | E       | F      | G      | H     | I      |
|--------|---------|--------|--------|---------|--------|--------|-------|--------|
| 6 1/2" | 14 1/2" | 12"    | 9 7/8" | 16 1/4" | 3 1/8" | 17/32" | 7/8"  | 17"    |
| 165 mm | 368 mm  | 305 mm | 251 mm | 413 mm  | 79 mm  | 14 mm  | 22 mm | 432 mm |

## ORDERING INFORMATION – Stock

| Catalog Number                                | Lamp Type/Wattage <sup>1</sup> | Voltage                         | Weight lbs. (kg) |
|---|--------------------------------|---------------------------------|------------------|
| <b>Pulse Start Metal Halide Yoke Mount</b>    |                                |                                 |                  |
| MHS-Y400P8                                    | 400W PS ED37                   | Quad-Tap® (120, 208, 240, 277V) | 26 (11.8)        |
| MHS-Y400P5                                    | 400W PS ED37                   | 480V                            | 26 (11.8)        |
| MHS-Y250P8                                    | 250W PS ED28                   | Quad-Tap® (120, 208, 240, 277V) | 22 (10.0)        |
| MHS-Y150P8                                    | 150W MH ED28                   | Quad-Tap® (120, 208, 240, 277V) | 21 (9.5)         |
| <b>Pulse Start Metal Halide Knuckle Mount</b> |                                |                                 |                  |
| MHS-K400P8                                    | 400W PS ED37                   | Quad-Tap® (120, 208, 240, 277V) | 31 (14.1)        |
| MHS-K250P8                                    | 250W PS ED28                   | Quad-Tap® (120, 208, 240, 277V) | 27 (12.2)        |
| <b>High Pressure Sodium Yoke Mount</b>        |                                |                                 |                  |
| MHS-Y400S8                                    | 400W HPS E18                   | Quad-Tap® (120, 208, 240, 277V) | 28 (12.7)        |
| MHS-Y400S5                                    | 400W HPS E18                   | 480V                            | 28 (12.7)        |
| MHS-Y250S8                                    | 250W HPS E18                   | Quad-Tap® (120, 208, 240, 277V) | 24 (10.9)        |
| MHS-Y150S8                                    | 150W HPS ED28                  | Quad-Tap® (120, 208, 240, 277V) | 23 (10.4)        |

<sup>1</sup> All fixtures have dark bronze powder finish and are shipped with mogul base lamp NOTE: EPA is 1.4 sq. ft.

## ORDERING INFORMATION – UST

ORDERING EXAMPLE: MHS-Y-400P-8-BZ-C3

| MHS                    | -         |                      | -                                 |                 | -                                  |   | - | UST | - |  |
|------------------------|-----------|----------------------|-----------------------------------|-----------------|------------------------------------|---|---|-----|---|--|
| SERIES                 | MOUNTING  | WATTAGE/SOURCE       | VOLTS                             | FINISH          | UST                                | OPTIONS   |   |     |   |  |
| MHS Miniliter V Series | Y Yoke    | PULSE START          | 5 480V                            | BZ Bronze       | UST U.S. transformed, ARRA level 2 | QST Quartz standby skt/relay  |   |     |   |  |
|                        | K Knuckle | 150P 150w PSMH       | 6 347V                            | BL Black        |                                    | EM Quartz skt   |   |     |   |  |
|                        |           | 250P 250w PSMH       | 8 Quad Tap® (120, 208, 240, 277V) | WH White        |                                    | C3 3ft. 16/3 SO cord  |   |     |   |  |
|                        |           | 320P 320w PSMH       |                                   | GR Gray         |                                    | C6 6ft. 16/3 SO cord  |   |     |   |  |
|                        |           | 400P 400w PSMH       |                                   | PS Platinum     |                                    | PR(X) NEMA Photo cell receptacle (replace X with voltage: 1=120V, 2=208V, 3=240V, 4=277V, 5=480V, 6=347V) |   |     |   |  |
|                        |           | HIGH PRESSURE SODIUM |                                   | CC Custom Color |                                    | F(X) Fusing (replace X with voltage: 1-120V, 2-208V, 3-240V, 4-277V, 5-480V, 6-347V)                      |   |     |   |  |
|                        |           | 150S 150w HPS        |                                   |                 |                                    |   |   |     |   |  |
|                        |           | 250S 250w HPS        |                                   |                 |                                    |   |   |     |   |  |
|                        |           | 400S 400w HPS        |                                   |                 |                                    |   |   |     |   |  |



Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

© 2013 HUBBELL OUTDOOR LIGHTING, All Rights Reserved • For more information visit our website: [www.hubbelloutdoor.com](http://www.hubbelloutdoor.com) • Printed in USA

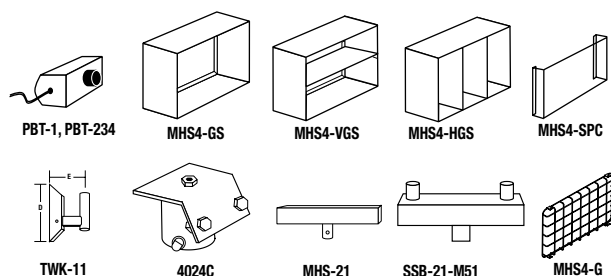
MHS-SPEC 5/13

## ACCESSORIES - Order Separately

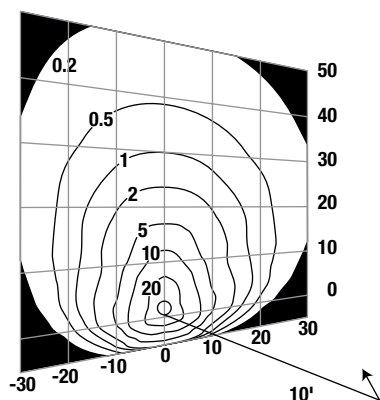
| Catalog Number | Description  |
|----------------|--|
| PBT-1          | Photocontrol, button type, 120V  |
| PBT-234        | Photocontrol, button type, 208, 240, 277V  |
| MHS4-SPC       | Polycarbonate shield (for independent use only)                                  |
| MHS4-G         | Wire guard, 2" square grid (for independent use only)                            |
| 4024C          | Steel slipfitter for 2" pipe, 2 3/8" OD yoke mount, bronze finish                |
| MHS4-GS        | Glare shield, black finish (for independent use only)                            |
| MHS4-VGS       | Vertical glare shield, black finish (for independent use only)                   |
| MHS4-HGS       | Horizontal glare shield, black finish (for independent use only)                 |
| MHS-21         | Two light bracket, bolt on yoke mount, slipfits 2 3/8" OD tenons, bronze finish  |
| SSB-21-M51     | Two light bracket, knuckle mount units, slipfits 2 3/8" OD tenons, bronze finish |
| TWK-11         | Steel wall bracket with 2 3/8" tenon, bronze finish (use with MHS-K)             |

## REPLACEMENT PARTS

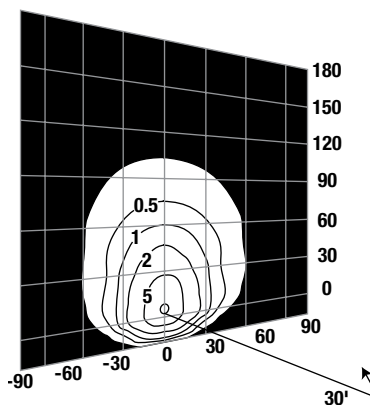
| Catalog Number | Description           |
|----------------|-----------------------|
| 93011267       | Replacement lens door |



**PHOTOMETRICS** For additional photometric information and IES downloads, visit our web site at [www.hubbelloutdoor.com](http://www.hubbelloutdoor.com)



**MINILITER V  
MHS-Y150P8  
10' GRIDS WITH  
10' SET BACK**



**MINILITER V  
MHS-Y400P8  
30' GRIDS WITH  
30' SET BACK**

## PHOTOMETRIC REPORTS

| Catalog Number              | Report #           |
|-----------------------------|--------------------|
| MHS-X175H-46X-X (MHS-X150P) | <b>HP08366.IES</b> |
| MHS-X250H-46X-X             | <b>HP08362.IES</b> |
| MHS-X400H-46X-X             | <b>HP08348.IES</b> |
| MHS-X400S-46X-X             | <b>HP08349.IES</b> |




Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

© 2013 HUBBELL OUTDOOR LIGHTING, All Rights Reserved • For more information visit our website: [www.hubbelloutdoor.com](http://www.hubbelloutdoor.com) • Printed in USA

MHS-SPEC 5/13

|                        |       |      |           |  |
|------------------------|-------|------|-----------|--|
| MINILITER® V<br>SERIES | Cat.# |      | Approvals |  |
|                        | Job   | Type |           |  |

### SPECIFICATIONS

#### Intended Use:

Sign, facade, area, accent and general security lighting

#### Construction:

- Die-cast aluminum housing and door, rugged, corrosion resistant and compact
- Tempered, impact resistant glass lens
- Tool-free entry for easy maintenance – twin stainless steel eccentric latches
- Protective dark bronze powder paint finish
- Effective Projected Area (EPA) is 1.4 sq. ft.

#### New UST Versions:

UST fixtures are built in Christiansburg, VA and are offered with an array of options including finish color, cord, fusing, twist lock photocell receptacle and quartz standby; Units meet ARRA level 2

#### Optics:

- Silicone lens/door gasket provides positive seal
- Wide, uniform beam with high efficiency for maximum beam coverage, spread covers are four times the set-back
- Mogul base lamp included

#### Electrical:

HPF ballast in Quad-Tap® (120, 208, 240, 277V), or 480V

#### Installation:

Steel yoke (MHS-Y) with three-hole pattern allows versatile mounting. Cast aluminum knuckle (MHS-K) slip-fits 23/8" OD tenons/pipe, provides concealed wiring for appearance and safety.

#### Listings:

Listed to UL 1598 for use in wet locations, CSA 22.2 No. 250.0-00, suitable for wet locations. U.S. Patent No. 6,461,026

#### Warranty:

For more information visit:  
<http://www.hubbelloutdoor.com/resources/warranty/>

### CERTIFICATIONS/LISTINGS

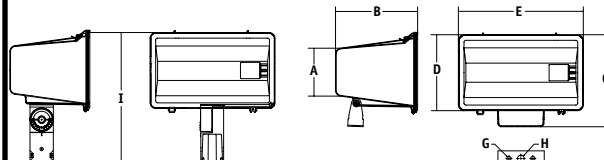


### PRODUCT IMAGE(S)



MHS YOKE MOUNT

### DIMENSIONS



MHS KNUCKLE MOUNT

MHS YOKE MOUNT

| A      | B       | C      | D      | E       | F      | G      | H     | I      |
|--------|---------|--------|--------|---------|--------|--------|-------|--------|
| 6 1/2" | 14 1/2" | 12"    | 9 7/8" | 16 1/4" | 3 1/8" | 17/32" | 7/8"  | 17"    |
| 165 mm | 368 mm  | 305 mm | 251 mm | 413 mm  | 79 mm  | 14 mm  | 22 mm | 432 mm |

## ORDERING INFORMATION – Stock

| Catalog Number                                | Lamp Type/Wattage <sup>1</sup> | Voltage                         | Weight lbs. (kg) |
|---|--------------------------------|---------------------------------|------------------|
| <b>Pulse Start Metal Halide Yoke Mount</b>    |                                |                                 |                  |
| MHS-Y400P8                                    | 400W PS ED37                   | Quad-Tap® (120, 208, 240, 277V) | 26 (11.8)        |
| MHS-Y400P5                                    | 400W PS ED37                   | 480V                            | 26 (11.8)        |
| MHS-Y250P8                                    | 250W PS ED28                   | Quad-Tap® (120, 208, 240, 277V) | 22 (10.0)        |
| MHS-Y150P8                                    | 150W MH ED28                   | Quad-Tap® (120, 208, 240, 277V) | 21 (9.5)         |
| <b>Pulse Start Metal Halide Knuckle Mount</b> |                                |                                 |                  |
| MHS-K400P8                                    | 400W PS ED37                   | Quad-Tap® (120, 208, 240, 277V) | 31 (14.1)        |
| MHS-K250P8                                    | 250W PS ED28                   | Quad-Tap® (120, 208, 240, 277V) | 27 (12.2)        |
| <b>High Pressure Sodium Yoke Mount</b>        |                                |                                 |                  |
| MHS-Y400S8                                    | 400W HPS E18                   | Quad-Tap® (120, 208, 240, 277V) | 28 (12.7)        |
| MHS-Y400S5                                    | 400W HPS E18                   | 480V                            | 28 (12.7)        |
| MHS-Y250S8                                    | 250W HPS E18                   | Quad-Tap® (120, 208, 240, 277V) | 24 (10.9)        |
| MHS-Y150S8                                    | 150W HPS ED28                  | Quad-Tap® (120, 208, 240, 277V) | 23 (10.4)        |

<sup>1</sup> All fixtures have dark bronze powder finish and are shipped with mogul base lamp NOTE: EPA is 1.4 sq. ft.

## ORDERING INFORMATION – UST

ORDERING EXAMPLE: MHS-Y-400P-8-BZ-C3

| MHS                    | -         |                      | -                                 |                 | -                                  |   | - | UST | - |  |
|------------------------|-----------|----------------------|-----------------------------------|-----------------|------------------------------------|---|---|-----|---|--|
| SERIES                 | MOUNTING  | WATTAGE/SOURCE       | VOLTS                             | FINISH          | UST                                | OPTIONS   |   |     |   |  |
| MHS Miniliter V Series | Y Yoke    | PULSE START          | 5 480V                            | BZ Bronze       | UST U.S. transformed, ARRA level 2 | QST Quartz standby skt/relay  |   |     |   |  |
|                        | K Knuckle | 150P 150w PSMH       | 6 347V                            | BL Black        |                                    | EM Quartz skt   |   |     |   |  |
|                        |           | 250P 250w PSMH       | 8 Quad Tap® (120, 208, 240, 277V) | WH White        |                                    | C3 3ft. 16/3 SO cord  |   |     |   |  |
|                        |           | 320P 320w PSMH       |                                   | GR Gray         |                                    | C6 6ft. 16/3 SO cord  |   |     |   |  |
|                        |           | 400P 400w PSMH       |                                   | PS Platinum     |                                    | PR(X) NEMA Photo cell receptacle (replace X with voltage: 1=120V, 2=208V, 3=240V, 4=277V, 5=480V, 6=347V) |   |     |   |  |
|                        |           | HIGH PRESSURE SODIUM |                                   | CC Custom Color |                                    | F(X) Fusing (replace X with voltage: 1-120V, 2-208V, 3-240V, 4-277V, 5-480V, 6-347V)                      |   |     |   |  |
|                        |           | 150S 150w HPS        |                                   |                 |                                    |   |   |     |   |  |
|                        |           | 250S 250w HPS        |                                   |                 |                                    |   |   |     |   |  |
|                        |           | 400S 400w HPS        |                                   |                 |                                    |   |   |     |   |  |



Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

© 2013 HUBBELL OUTDOOR LIGHTING, All Rights Reserved • For more information visit our website: [www.hubbelloutdoor.com](http://www.hubbelloutdoor.com) • Printed in USA

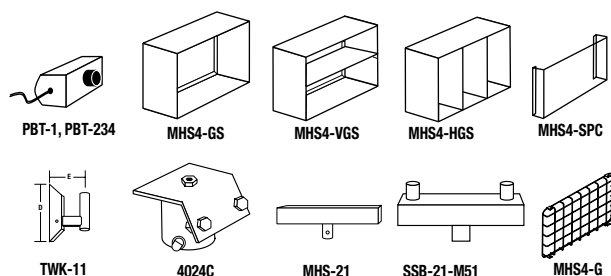
MHS-SPEC 5/13

## ACCESSORIES - Order Separately

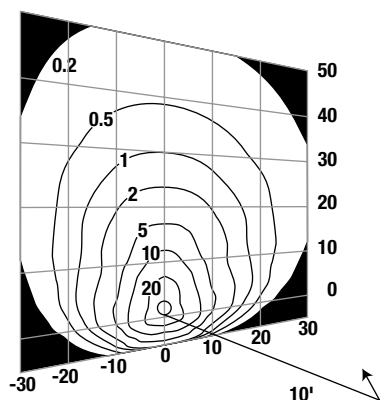
| Catalog Number | Description  |
|----------------|--|
| PBT-1          | Photocontrol, button type, 120V  |
| PBT-234        | Photocontrol, button type, 208, 240, 277V  |
| MHS4-SPC       | Polycarbonate shield (for independent use only)                                  |
| MHS4-G         | Wire guard, 2" square grid (for independent use only)                            |
| 4024C          | Steel slipfitter for 2" pipe, 2 3/8" OD yoke mount, bronze finish                |
| MHS4-GS        | Glare shield, black finish (for independent use only)                            |
| MHS4-VGS       | Vertical glare shield, black finish (for independent use only)                   |
| MHS4-HGS       | Horizontal glare shield, black finish (for independent use only)                 |
| MHS-21         | Two light bracket, bolt on yoke mount, slipfits 2 3/8" OD tenons, bronze finish  |
| SSB-21-M51     | Two light bracket, knuckle mount units, slipfits 2 3/8" OD tenons, bronze finish |
| TWK-11         | Steel wall bracket with 2 3/8" tenon, bronze finish (use with MHS-K)             |

## REPLACEMENT PARTS

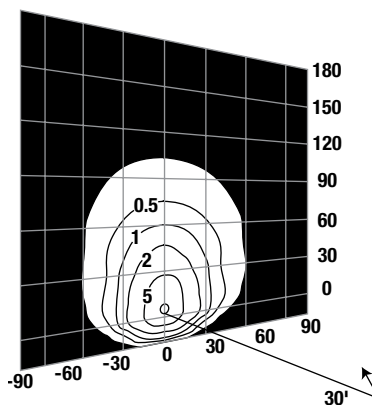
| Catalog Number | Description           |
|----------------|-----------------------|
| 93011267       | Replacement lens door |



**PHOTOMETRICS** For additional photometric information and IES downloads, visit our web site at [www.hubbelloutdoor.com](http://www.hubbelloutdoor.com)



**MINILITER V  
MHS-Y150P8  
10' GRIDS WITH  
10' SET BACK**



**MINILITER V  
MHS-Y400P8  
30' GRIDS WITH  
30' SET BACK**

## PHOTOMETRIC REPORTS

| Catalog Number              | Report #           |
|-----------------------------|--------------------|
| MHS-X175H-46X-X (MHS-X150P) | <b>HP08366.IES</b> |
| MHS-X250H-46X-X             | <b>HP08362.IES</b> |
| MHS-X400H-46X-X             | <b>HP08348.IES</b> |
| MHS-X400S-46X-X             | <b>HP08349.IES</b> |



Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

© 2013 HUBBELL OUTDOOR LIGHTING, All Rights Reserved • For more information visit our website: [www.hubbelloutdoor.com](http://www.hubbelloutdoor.com) • Printed in USA

MHS-SPEC 5/13