



# Certificate of Compliance

This certificate is issued for the following equipment:

## Automatic Sprinklers for Fire Protection

| Model | K   | Type                | Resp. | Element | NPT (in.) | Finishes                 | Temperature Ratings °F (°C)                   |
|-------|-----|---------------------|-------|---------|-----------|--------------------------|---|
| HD601 | 5.6 | Pendent             | SR    | 5 mm    | 1/2       | Brass, Chrome            | 135, 155, 175, 200, 286 (57, 68, 79, 93, 141) |
| HD602 | 5.6 | Upright             | SR    | 5 mm    | 1/2       | Brass, Chrome, Polyester | 135, 155, 175, 200, 286 (57, 68, 79, 93, 141) |
| HD603 | 5.6 | Horizontal Sidewall | SR    | 5 mm    | 1/2       | Brass, Chrome, Polyester | 135, 155, 175, 200, 286 (57, 68, 79, 93, 141) |

Prepared for:

HD Fire Protect Pvt. Ltd.  
D-6/2, Road No. 34, Wagle Industrial Estate, Thane, Maharashtra  
400604, India

FM Approvals Class: 2012, 2016, 2017

FM Approval Standard: Class Number 2000 (February 2018)

Approval Identification: PR469166

Approval Granted: 16 May 2024

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



Member of the FM Global Group

A handwritten signature in dark ink, appearing to read 'D. B. Fuller', written over a horizontal line.

David B. Fuller  
VP, Manager – Fire Protection  
FM Approvals  
One Technology Way  
Norwood, MA 02062  
USA





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| HD701 | 5.6 | Pendent             | QR    | 3 mm    | 1/2       | Brass, Chrome            | 135, 155, 175, 200, 286 (57, 68, 79, 93, 141) |
| HD702 | 5.6 | Upright             | QR    | 3 mm    | 1/2       | Brass, Chrome, Polyester | 135, 155, 175, 200, 286 (57, 68, 79, 93, 141) |
| HD703 | 5.6 | Horizontal Sidewall | QR    | 3 mm    | 1/2       | Brass, Chrome, Polyester | 135, 155, 175, 200, 286 (57, 68, 79, 93, 141) |

Prepared for:

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| HD101 | 5.6 | Pendent              | SR    | Norbulb<br>N5 5mm | 1/2       | Brass, Chrome,<br>Polyester | 135, 155, 175, 200<br>(57, 68, 79, 93) |
| HD101 | 5.6 | Recessed<br>Pendent  | SR    | Norbulb<br>N5 5mm | 1/2       | Brass, Chrome,<br>Polyester | 135, 155, 175, 200<br>(57, 68, 79, 93) |
| HD102 | 5.6 | Upright              | SR    | Norbulb<br>N5 5mm | 1/2       | Brass, Chrome,<br>Polyester | 135, 155, 175, 200<br>(57, 68, 79, 93) |
| HD104 | 5.6 | Concealed<br>Pendent | SR    | Norbulb<br>N5 5mm | 1/2       | Brass                       | 155, 175, 200 (68, 79,<br>93)          |

Prepared for: HD Fire Protect Pvt. Ltd., C-3/6, Nandanvan Industrial Estate, LBS  
Marg, Thane (W) – 400604, Maharashtra, India

FM Approvals Class: 2016, 2017, 2015  
FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3055423

Approval Granted: April 10, 2015

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

*Supersedes certificate dated April 10, 2015*

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in dark ink, appearing to read 'Richard B. Dunne', is written over a horizontal line.

May 29, 2015

Richard B. Dunne  
Manager – Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062  
USA

Date



*Member of the FM Global Group*



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|-------|-----|----------------------|-------|-------------------|-----------|-----------------------------|-------------------------------|
| HD201 | 5.6 | Pendent              | QR    | Norbulb<br>N3 3mm | 1/2       | Brass, Chrome,<br>Polyester | 155, 175, 200 (68, 79,<br>93) |
| HD201 | 5.6 | Recessed<br>Pendent  | QR    | Norbulb<br>N3 3mm | 1/2       | Brass, Chrome,<br>Polyester | 155, 175, 200 (68, 79,<br>93) |
| HD202 | 5.6 | Upright              | QR    | Norbulb<br>N3 3mm | 1/2       | Brass, Chrome,<br>Polyester | 155, 175, 200 (68, 79,<br>93) |
| HD204 | 5.6 | Concealed<br>Pendent | SR    | Norbulb<br>N3 3mm | 1/2       | Brass                       | 155, 175, 200 (68, 79,<br>93) |

Prepared for: HD Fire Protect Pvt. Ltd., C-3/6, Nandanvan Industrial Estate, LBS  
Marg, Thane (W) – 400604, Maharashtra, India

FM Approvals Class: 2016, 2017, 2015  
FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3055423

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| HD103 | 5.6 | Horizontal Sidewall | SR    | Norbulb N5 5mm | 1/2       | Brass, Chrome, Polyester | 135, 155, 175, 200 (57, 68, 79, 93) |
| HD203 | 5.6 | Horizontal Sidewall | QR    | Norbulb N3 3mm | 1/2       | Brass, Chrome, Polyester | 155, 175, 200 (68, 79, 93)          |

Prepared for:

HD Fire Protect Pvt. Ltd., C-3/6, Nandanvan Industrial Estate, LBS Marg, Thane (W) – 400604, Maharashtra, India

FM Approvals Class: 2012

FM Approval Standard: Class Series 2000 (March 2006)

Approval Identification: 3055423

Approval Granted: April 10, 2015

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|-------|-----|---------|-------|------------|-----------|---------------|-------------------------------------|
| HD401 | 5.6 | Pendent | SR    | Job G5 5mm | 1/2       | Brass, Chrome | 135, 155, 200 (57, 68, 93)          |
| HD501 | 5.6 | Pendent | QR    | Job F3 3mm | 1/2       | Brass, Chrome | 135, 155, 175, 200 (57, 68, 79, 93) |

Prepared for:

HD Fire Protect Pvt. Ltd.  
D-6/2, Road No. 34, Wagle Industrial Estate  
Thane, 400604 Maharashtra, India

FM Approvals Class: 2017

FM Approval Standard: Class Series 2000 (February 2018)

Approval Identification: PR458928

Approval Granted: December 28, 2020

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

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David B. Fuller  
VP, Manager – Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
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USA

January 11, 2021

Date



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| Model | K   | Type    | Resp. | Element    | NPT (in.) | Finishes      | Temperature Ratings °F (°C)         |
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| HD402 | 5.6 | Upright | SR    | Job G5 5mm | 1/2       | Brass, Chrome | 135, 155, 200 (57, 68, 93)          |
| HD502 | 5.6 | Upright | QR    | Job F3 3mm | 1/2       | Brass, Chrome | 135, 155, 175, 200 (57, 68, 79, 93) |

Prepared for:

HD Fire Protect Pvt. Ltd.  
D-6/2, Road No. 34, Wagle Industrial Estate  
Thane, 400604, Maharashtra, India

FM Approvals Class: 2016

FM Approval Standard: Class Series 2000 (February 2018)

Approval Identification: PR458928

Approval Granted: December 28, 2020

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|-------|-----|---------------------|-------|------------|-----------|---------------|-------------------------------------|
| HD403 | 5.6 | Horizontal Sidewall | SR    | Job G5 5mm | 1/2       | Brass, Chrome | 135, 155, 200 (57, 68, 93)          |
| HD503 | 5.6 | Horizontal Sidewall | QR    | Job F3 3mm | 1/2       | Brass, Chrome | 135, 155, 175, 200 (57, 68, 79, 93) |

Prepared for:

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D-6/2, Road No. 34, Wagle Industrial Estate  
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FM Approvals Class: 2012

FM Approval Standard: Class Series 2000 (February 2018)

Approval Identification: PR458928

Approval Granted: December 28, 2020

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| HD401 | 5.6 | Pendent                | SR    | Job G5<br>5mm | 1/2       | Brass, Chrome | 175 (79)                    |
| HD402 | 5.6 | Upright                | SR    | Job G5<br>5mm | 1/2       | Brass, Chrome | 175 (79)                    |
| HD403 | 5.6 | Horizontal<br>Sidewall | SR    | Job G5<br>5mm | 1/2       | Brass, Chrome | 175 (79)                    |

Prepared for:

HD Fire Protect Pvt. Ltd.  
D-6/2, Road No. 34, Wagle Industrial Estate, Thane, 400604  
Maharashtra, India

FM Approvals Class: 2012, 2016, 2017

FM Approval Standard: Class Series 2000 (February 2018)

Approval Identification: PR462170

Approval Granted: February 24, 2022

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

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