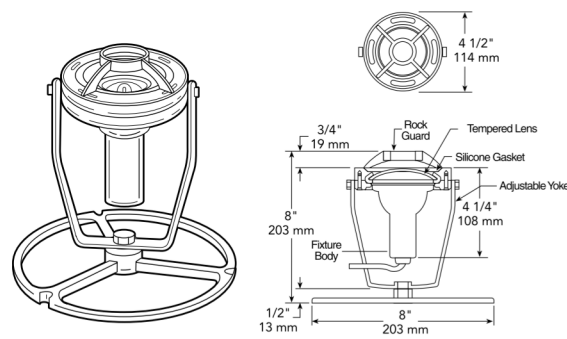


|                |
|----------------|
| CATALOG NUMBER |
| NOTES          |
| TYPE           |



|                |
|----------------|
| Specifications |
| Length: 8"     |
| Width: 203 mm  |
| Height: 4-1/2" |
| Weight: 8lbs   |

DIMENSIONS



4800 LED  
Base or Yoke Mount  
Fountain Fixture

HIGHLIGHTS

- Stainless steel housing
- Heavy wall cast bronze or stainless-steel door
- Static white: 554 lumens / 10watts
- 27K, 30K, 41K, 53K, Amber Phosphor, Amber 590nm, Red, Green, Blue
- 12VAC, 120V with transformer
- Available in niche mount, and base and/or yoke mount



LUMEN PACKAGES

| Delivered Lumens | NSP | MFL |
|------------------|-----|-----|
| Watts            | 459 | 554 |
| LPW              | 10  | 10  |
|                  | 46  | 52  |

Note: Information based on WHT41K

|                |
|----------------|
| CATALOG NUMBER |
| NOTES          |
| TYPE           |

PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

| Performance Package | System Watts | Distribution Type | Field Angle |    | Beam Angle |    | 27K (2700K, 80CRI) |        |     | 30K (3000K, 80CRI) |        |     | 35K (3500K, 80CRI) |        |       | 40K (4000K, 80CRI) |        |       | 50K (5000K, 80CRI) |        |       |    |
|---------------------|--------------|-------------------|-------------|----|------------|----|--------------------|--------|-----|--------------------|--------|-----|--------------------|--------|-------|--------------------|--------|-------|--------------------|--------|-------|----|
|                     |              |                   | H           | V  | H          | V  | Max CD             | Lumens | LPW | Max CD             | Lumens | LPW | Max CD             | Lumens | LPW   | Max CD             | Lumens | LPW   | Max CD             | Lumens | LPW   |    |
| P1 12 Volt          | 8            | 15DEG             | 33          | 33 | 19         | 19 | 5,180              | 352    | 88  | 5,374              | 728    | 91  | 5,471              | 741    | 93    | 5,605              | 768    | 96    | 5,858              | 794    | 99    |    |
|                     |              |                   | 200DEG      | 45 | 45         | 22 | 22                 | 2,792  | 439 | 80                 | 2,897  | 463 | 83                 | 2,949  | 475   | 84                 | 3,053  | 499   | 87                 | 3,158  | 522   | 90 |
|                     |              |                   | 250DEG      | 44 | 44         | 24 | 24                 | 2,897  | 475 | 84                 | 3,003  | 720 | 88                 | 3,060  | 733   | 89                 | 3,168  | 738   | 93                 | 3,274  | 764   | 96 |
|                     |              |                   | 300DEG      | 56 | 56         | 30 | 30                 | 1,875  | 458 | 82                 | 1,945  | 682 | 85                 | 1,980  | 694   | 87                 | 2,050  | 719   | 90                 | 2,120  | 744   | 93 |
|                     |              |                   | 350DEG      | 57 | 56         | 37 | 36                 | 1,608  | 491 | 86                 | 1,668  | 717 | 90                 | 1,698  | 729   | 91                 | 1,758  | 755   | 94                 | 1,818  | 781   | 96 |
|                     |              |                   | 400DEG      | 45 | 44         | 41 | 40                 | 1,242  | 472 | 84                 | 1,289  | 697 | 87                 | 1,311  | 710   | 89                 | 1,350  | 735   | 92                 | 1,404  | 760   | 95 |
|                     |              |                   | 450DEG      | 74 | 73         | 45 | 44                 | 1,006  | 450 | 81                 | 1,044  | 674 | 84                 | 1,063  | 686   | 86                 | 1,100  | 711   | 89                 | 1,138  | 735   | 92 |
|                     |              |                   | 500DEG      | 86 | 85         | 53 | 51                 | 760    | 454 | 82                 | 788    | 679 | 85                 | 802    | 691   | 86                 | 831    | 716   | 90                 | 859    | 740   | 93 |
|                     |              |                   | 550DEG      | 93 | 93         | 56 | 54                 | 681    | 457 | 82                 | 706    | 682 | 85                 | 719    | 694   | 87                 | 744    | 719   | 90                 | 770    | 743   | 93 |
|                     |              |                   | 550DEG      | 33 | 33         | 19 | 19                 | 12,012 | 950 | 79                 | 12,274 | 986 | 82                 | 12,405 | 1,003 | 84                 | 12,667 | 1,039 | 87                 | 12,930 | 1,074 | 90 |
| P2 12 Volt          | 12           | 200DEG            | 45          | 45 | 22         | 22 | 3,780              | 865    | 72  | 3,921              | 897    | 75  | 3,992              | 913    | 76    | 4,133              | 945    | 79    | 4,274              | 978    | 82    |    |
|                     |              |                   | 250DEG      | 44 | 44         | 24 | 24                 | 3,921  | 914 | 76                 | 4,068  | 948 | 79                 | 4,141  | 965   | 80                 | 4,286  | 999   | 83                 | 4,435  | 1,033 | 86 |
|                     |              |                   | 300DEG      | 56 | 56         | 30 | 30                 | 2,538  | 890 | 74                 | 2,632  | 923 | 77                 | 2,680  | 940   | 78                 | 2,775  | 973   | 81                 | 2,870  | 1,006 | 84 |
|                     |              |                   | 350DEG      | 57 | 56         | 37 | 36                 | 2,176  | 935 | 78                 | 2,257  | 970 | 81                 | 2,296  | 987   | 82                 | 2,379  | 1,022 | 85                 | 2,461  | 1,057 | 88 |
|                     |              |                   | 400DEG      | 45 | 44         | 41 | 40                 | 1,481  | 909 | 76                 | 1,544  | 943 | 79                 | 1,575  | 960   | 80                 | 1,638  | 994   | 83                 | 1,691  | 1,029 | 86 |
|                     |              |                   | 450DEG      | 74 | 73         | 45 | 44                 | 1,362  | 880 | 73                 | 1,413  | 912 | 76                 | 1,438  | 929   | 77                 | 1,489  | 962   | 80                 | 1,540  | 995   | 83 |
|                     |              |                   | 500DEG      | 86 | 85         | 53 | 51                 | 1,029  | 886 | 74                 | 1,087  | 919 | 77                 | 1,086  | 935   | 78                 | 1,125  | 968   | 81                 | 1,163  | 1,002 | 84 |
|                     |              |                   | 550DEG      | 93 | 93         | 56 | 54                 | 921    | 889 | 74                 | 956    | 923 | 77                 | 973    | 939   | 78                 | 1,007  | 973   | 81                 | 1,042  | 1,006 | 84 |
|                     |              |                   | 550DEG      | 45 | 45         | 22 | 22                 | 2,463  | 563 | 51                 | 2,539  | 581 | 53                 | 2,563  | 586   | 53                 | 2,725  | 623   | 57                 | 2,737  | 626   | 57 |
|                     |              |                   | 250DEG      | 44 | 44         | 24 | 24                 | 2,555  | 595 | 54                 | 2,634  | 614 | 56                 | 2,659  | 620   | 56                 | 2,827  | 659   | 60                 | 2,860  | 662   | 60 |

| Performance Package | System Watts | Distribution Type | Field Angle |    | Beam Angle |    | 27K (2700K, 80CRI) |        |     | 30K (3000K, 80CRI) |        |     | 35K (3500K, 80CRI) |        |     | 40K (4000K, 80CRI) |        |     | 50K (5000K, 80CRI) |        |     |  |  |
|---------------------|--------------|-------------------|-------------|----|------------|----|--------------------|--------|-----|--------------------|--------|-----|--------------------|--------|-----|--------------------|--------|-----|--------------------|--------|-----|--|--|
|                     |              |                   | H           | V  | H          | V  | Max CD             | Lumens | LPW | Max CD             | Lumens | LPW | Max CD             | Lumens | LPW | Max CD             | Lumens | LPW | Max CD             | Lumens | LPW |  |  |
| P1 120 Volt         | 11           | 15DEG             | 33          | 33 | 19         | 19 | 4,564              | 615    | 56  | 4,710              | 638    | 59  | 4,825              | 644    | 59  | 5,055              | 685    | 62  | 5,070              | 689    | 63  |  |  |
|                     |              | 200DEG            | 45          | 45 | 22         | 22 | 2,463              | 563    | 51  | 2,539              | 581    | 53  | 2,563              | 586    | 53  | 2,725              | 623    | 57  | 2,737              | 626    | 57  |  |  |
|                     |              | 250DEG            | 44          | 44 | 24         | 24 | 2,555              | 595    | 54  | 2,634              | 614    | 56  | 2,659              | 620    | 56  | 2,827              | 659    | 60  | 2,860              | 662    | 60  |  |  |
|                     |              | 300DEG            | 56          | 56 | 30         | 30 | 1,453              | 580    | 53  | 1,504              | 598    | 54  | 1,521              | 603    | 55  | 1,630              | 642    | 58  | 1,638              | 645    | 59  |  |  |
|                     |              | 350DEG            | 57          | 56 | 37         | 36 | 1,418              | 609    | 55  | 1,461              | 628    | 57  | 1,475              | 634    | 58  | 1,569              | 674    | 61  | 1,576              | 677    | 62  |  |  |
|                     |              | 400DEG            | 45          | 44 | 41         | 40 | 1,095              | 592    | 54  | 1,129              | 611    | 56  | 1,140              | 617    | 56  | 1,212              | 656    | 60  | 1,217              | 659    | 60  |  |  |
|                     |              | 450DEG            | 74          | 73 | 45         | 44 | 887                | 573    | 52  | 915                | 591    | 54  | 924                | 596    | 54  | 962                | 634    | 58  | 986                | 637    | 58  |  |  |
|                     |              | 500DEG            | 86          | 85 | 53         | 51 | 670                | 577    | 52  | 691                | 595    | 54  | 697                | 601    | 55  | 742                | 639    | 58  | 745                | 641    | 58  |  |  |
|                     |              | 550DEG            | 93          | 93 | 56         | 54 | 600                | 580    | 53  | 619                | 597    | 54  | 625                | 603    | 55  | 664                | 641    | 58  | 667                | 644    | 59  |  |  |
|                     |              | 550DEG            | 45          | 45 | 22         | 22 | 2,463              | 563    | 51  | 2,539              | 581    | 53  | 2,563              | 586    | 53  | 2,725              | 623    | 57  | 2,737              | 626    | 57  |  |  |

| CRI SCALING                               | Multiplier |
|-------------------------------------------|------------|
| 90CRI                                     | 0.83       |
| Note: Information based on ALDER 12 volt  |            |
| CRI SCALING                               | Multiplier |
| 90CRI                                     | 0.77       |
| Note: Information based on ALDER 120 volt |            |
| EXTERNAL CAP                              | Multiplier |
| C2                                        | 0.70       |

PHOTOMETRIC DIAGRAMS

To see complete photometric reports or download .ies files for this product, visit [www.hydel.com](http://www.hydel.com)

OPERATING TEMPERATURE: 20°C through 45°C (120v)  
-20°C through 50°C (12v)

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Phone: 800-705-SERV (7378) • [www.hydel.com](http://www.hydel.com)

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| NOTES          |
| TYPE           |

ORDERING INFORMATION

EXAMPLE: 4800 LED 120 WHT53K NSP CLC BM CSL10 LP

| Model                                | Lamp Type  | Voltage                                           | LED Color                                | Distribution                                                                                      |
|--------------------------------------|------------|---------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------|
| 4800                                 | LED        | 120'                                              | WHT27K White                             | NSP Narrow Spot                                                                                   |
|                                      |            |                                                   | WHT30K White                             | MFL Medium Flood                                                                                  |
|                                      |            |                                                   | WHT41K White                             |                                                                                                   |
|                                      |            |                                                   | WHT53K White                             |                                                                                                   |
|                                      |            |                                                   | AMBPIC Phosphor Converted Amber          |                                                                                                   |
|                                      |            |                                                   | AMBLW Limited to mount to 7/8" thru hole |                                                                                                   |
|                                      |            |                                                   | RED Red                                  |                                                                                                   |
|                                      |            |                                                   | GRN Green                                |                                                                                                   |
|                                      |            |                                                   | BLU Blue                                 |                                                                                                   |
|                                      |            |                                                   |                                          |                                                                                                   |
| Lens                                 | Mounting   | Cord Set Length                                   | Lamp                                     | Optional Listing                                                                                  |
| CLC <sup>1</sup> Convex Lens Clear   | BM Base Mt | CSL_1 10'-120' of cord available in 5' increments | LP Lamp, Installed                       | CSA Optional Canadian Listing for sale in Canada only                                             |
| CLA <sup>1</sup> Convex Lens Amber   | YM Yoke Mt |                                                   |                                          | IEC <sup>2</sup> International Electro-Technical Commission (for use with 50Hz applications only) |
| CLB <sup>1</sup> Convex Lens Blue    |            |                                                   |                                          |                                                                                                   |
| CLG <sup>1</sup> Convex Lens Green   |            |                                                   |                                          |                                                                                                   |
| CLR <sup>1</sup> Convex Lens Red     |            |                                                   |                                          |                                                                                                   |
| CLS <sup>1</sup> Convex Lens Spread  |            |                                                   |                                          |                                                                                                   |
| CLF <sup>1</sup> Convex Lens Frosted |            |                                                   |                                          |                                                                                                   |

- Notes:
- Transformer not included, sold separately. 7.5w max 120vdc only. Suitable for use in fully enclosed luminaires
  - Internal transformer included
  - CLC will be used if no lens is chosen
  - Colored lenses not available with AMB, BLU, GRN or RED LED colors
  - Longer cord lengths can cause voltage drops with 12-volt fixtures. Final voltage to the fixture below 7 volts will cause flickering. Be sure to calculate voltage drop of the system before ordering longer cord lengths.
  - Only available with 12V

PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

|                | Distribution | Nema Type | Beam Angle (50%)<br>H x V | Field Angle (10%)<br>H x V | Watts | LPW | Delivered<br>Lumens |
|----------------|--------------|-----------|---------------------------|----------------------------|-------|-----|---------------------|
| 3000K<br>80CRI | NSP          | 3 x 3     | 13.3 x 13.3               | 38.4 x 38.4                | 10    | 27  | 276                 |
|                | NFL          | 3 x 3     | 21.9 x 21.9               | 42.1 x 42.1                | 10    | 31  | 332                 |
| 4000K<br>70CRI | NSP          | 3 x 3     | 13.3 x 13.3               | 38.4 x 38.4                | 10    | 46  | 459                 |
|                | NFL          | 3 x 3     | 21.9 x 21.9               | 42.1 x 42.1                | 10    | 52  | 554                 |
| 5000K<br>70CRI | NSP          | 3 x 3     | 13.3 x 13.3               | 38.4 x 38.4                | 10    | 46  | 459                 |
|                | NFL          | 3 x 3     | 21.9 x 21.9               | 42.1 x 42.1                | 10    | 52  | 554                 |