

# 400-R/400-R-RT REMODEL ADJUSTABLE LED FS-4 and FR-4 FLANGELESS TRIMS for SHEETROCK

|              |                 |
|--------------|-----------------|
| Project Name |                 |
| Date         | Type            |
| Prepared By  |                 |
| Comments     |                 |
| Catalog #    | - - - / - - / - |



526 Portal Street  
Cotati, CA 94931  
USA  
P 707.794.0888  
www.8lighting.com

All No. 8 Lighting fixtures and components are UL Listed to both U.S. and Canadian requirements. No. 8 Lighting trims and lamp modules are protected by one or more U.S. Patents. No. 8 Lighting reserves the right to change details of design, materials, and finish.

© 2025 No. 8 Lighting  
Doc # 91262-13.3



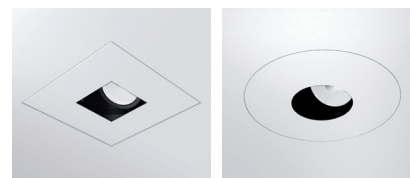
## PRODUCT FEATURES



**400-R**  
REMODEL LIGHT ENGINE and  
INTEGRAL POWER SUPPLY  
AIRTIGHT and IC RATED



**400-R-RT**  
REMODEL LIGHT ENGINE for  
REMOTE POWER SUPPLY  
AIRTIGHT and IC RATED



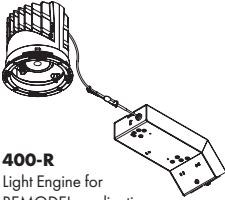
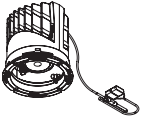
**400 SERIES TRIMS**  
FLANGELESS for SHEETROCK

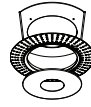
## 400-R/400-R-RT w/ FLANGELESS TRIM for SHEETROCK CEILINGS - SPECIFICATION SUMMARY

|                       | Static White                                                                                                                                                                                                                                         |      | Warm Dimming |            |            |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|------------|------------|
| LED Option            | HI                                                                                                                                                                                                                                                   | HI-2 | WD           | WD-2       | WD-4       |
| Delivered Lumens      | 1037                                                                                                                                                                                                                                                 | 1082 | 818          | 809        | 864        |
| System Wattage        | 14                                                                                                                                                                                                                                                   | 14.5 | 15           | 15         | 15         |
| Efficacy              | 74                                                                                                                                                                                                                                                   | 75   | 56           | 55         | 59         |
| CRI                   | 94                                                                                                                                                                                                                                                   | 94   | 97           | 97         | 97         |
| R9                    | 60                                                                                                                                                                                                                                                   | 63   | 82           | 78         | 76         |
| CCT Options           | 2700K, 3000K                                                                                                                                                                                                                                         |      | 3000-1800K   | 2800-2200K | 3000-2200K |
| Optic Options         | 15, 25, 40                                                                                                                                                                                                                                           | 10   | 15, 25, 40   |            |            |
| Color Consistency     | 2-Step                                                                                                                                                                                                                                               |      | 3-Step       |            |            |
| Optical Accessories   | Narrow, Medium, Wide, Extra Wide, Linear Spread, and 2400K, 2700K, 3500K Color Filters                                                                                                                                                               |      |              |            |            |
| Adjustability         | 0-35° Tilt, 360° Rotation, Lockable                                                                                                                                                                                                                  |      |              |            |            |
| Driver Options        | INTEGRAL: <1% Forward/Reverse Phase (120v), 0.1/1% 0-10v (120-277v), 0.1/1% DALI (120-277v), 0.1/1% EcoSystem (120 or 277v)<br>REMOTE: <1% Forward/Reverse Phase (120v), 0.1/1% 0-10v (120-277v), 0.1/1% DALI (120-277v), 1% EcoSystem (120 or 277v) |      |              |            |            |
| Trim Options          | Round/Square Flat                                                                                                                                                                                                                                    |      |              |            |            |
| Finish Options        | White                                                                                                                                                                                                                                                |      |              |            |            |
| Trim Mounting Options | Flangeless: Sheetrock Ceiling Applications                                                                                                                                                                                                           |      |              |            |            |
| Trim Accessories      | UL Wet Listed Lens Options - Clear, Soft Focus, Wall Wash                                                                                                                                                                                            |      |              |            |            |
| Mounting Options      | Remodel: Type IC Air-Tight                                                                                                                                                                                                                           |      |              |            |            |

Performance data shown with FS-4 Trim.  
Static White data shown for 3000K.  
Warm Dimming data shown for 3000K and 2800K.  
See Performance Summaries for additional information.

## PRODUCT SPECIFIER/PRODUCT ORDER NUMBER

| LIGHT ENGINE + POWER SUPPLY                                                                                                                                                                                                                  |                                                                                                                                                                                                                                               | LED OPTIONS                                                                                                                                                                                                                                                                                           | OPTIC OPTIONS                                                                                                                                                                     | OPTICAL ACCESSORIES (Optional)                                                                                                                                                                                                                                                                                                                                                                                                                                 | DRIVER OPTIONS                                                                                                                                                                                                                                                                                                                                                                                                                          | REMOTE OPTION*                                                                                                                                                                                                      | OUTPUT                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>400-R</b><br>Light Engine for REMODEL applications with INTEGRAL power supply. AIRTIGHT and IC Rated. Adjustable LED with 0-35° Tilt and 360° Rotation. |  <b>400-R-RT</b><br>Light Engine for REMODEL applications with REMOTE power supply. AIRTIGHT and IC Rated. Adjustable LED with 0-35° Tilt and 360° Rotation. | <b>HI-27</b><br>2700K White LED<br><b>HI</b><br>3000K White LED<br><b>HI-2-27*</b><br>2700K White LED<br><b>HI-2*</b><br>3000K White LED<br><b>WD</b><br>3000-1800K Warm Dim LED<br><b>WD-2</b><br>2800-2200K Warm Dim LED<br><b>WD-4</b><br>3000-2200K Warm Dim LED<br>*For use with 10° optic only. | <b>10*</b><br>10°<br>Very Narrow Spot<br><b>15</b><br>15°<br>Narrow Spot<br><b>25</b><br>25°<br>Narrow Flood<br><b>40</b><br>40°<br>Flood<br>*For use with HI-2 LED options only. | <b>NSP</b><br>Narrow Softening Lens<br><b>NFL</b><br>Medium Softening Lens<br><b>FL</b><br>Wide Softening Lens<br><b>WFL</b><br>Extra Wide Softening Lens<br><b>LS</b><br>Linear Spread Softening Lens<br><b>CF24*</b><br>2400K Color Filtering Lens<br><b>CF27**</b><br>2700K Color Filtering Lens<br><b>CF35**</b><br>3500K Color Filtering Lens<br>*For use with HI and HI-2 2700K LED options only.<br>** For use with HI and HI-2 3000K LED options only. | <b>PR1-4-R</b><br>Premium Forward or Reverse-Phase <1% Dimming<br><b>EL1-4-R</b><br>EldoLED 0-10v 1% Dimming<br><b>EL1-01-4-R</b><br>EldoLED 0-10v 0.1% Dimming<br><b>EL2-4-R</b><br>EldoLED DALI 1% Dimming<br><b>EL2-01-4-R</b><br>EldoLED 0.1% DALI Dimming<br><b>LU2-4-R</b><br>Lutron Hi-Lume LDE1 EcoSystem 1% Dimming<br><b>LU4-4-R*</b><br>Lutron Hi-Lume PEQ0E EcoSystem 0.1% Dimming<br>*Not available with RT remote option. |  <b>RT</b><br>REMOTE Mounted Power Supply<br>*For use with 400-R-RT light engine only. Leave blank for integral dimming options. | <b>350</b><br>Standard output for WD, WD-2, or WD-4 LED Options.<br><b>1000</b><br>Standard output for HI, HI-27, HI-2, or HI-2-27 LED Options. |

| TRIM OPTIONS                                                                                                                                                                                                                                                                                                                                                        |  | TRIM ACCESSORIES (Optional)                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------|
|  <b>FS-4-WH</b><br>Flangeless SQUARE Trim and 5" SQUARE Flat Trim Plate with 2" Aperture - WHITE<br> <b>FR-4-WH</b><br>Flangeless ROUND Trim and 5" ROUND Trim Plate with 2" Aperture - WHITE |  | <b>CL4*</b><br>CLEAR lens<br><b>SF4*</b><br>SOFT FOCUS lens<br><b>WW-4*</b><br>WALL WASH accessory<br>*UL Wet listed. |

| Maximum REMOTE Driver-to-LED Light Engine Wire Length |         |               |                   |
|-------------------------------------------------------|---------|---------------|-------------------|
| Driver Model                                          |         |               | Wire Gauge        |
| PR1/EL1/EL1-01/EL2/EL2-01-4-R                         | LU2-4-R | LU2-4-R       |                   |
| RT-1000/RT-350                                        | RT-350  | RT-1000       |                   |
| 8 ft (2.5 m)                                          |         | 4 ft (1.2 m)  | 24 AWG (0.2 mm²)  |
| 13 ft (4 m)                                           |         | 6 ft (1.8 m)  | 22 AWG (0.34 mm²) |
| 20 ft (6 m)                                           |         | 10 ft (3 m)   | 20 AWG (0.5 mm²)  |
| 30 ft (9 m)                                           |         | 15 ft (4.5 m) | 18 AWG (.75 mm²)  |
| 35 ft (10.5 m)                                        |         | 25 ft (7.5 m) | 16 AWG (1.5 mm²)  |
| 50 ft (15 m)                                          |         | 40 ft (12 m)  | 14 AWG (2.5 mm²)  |
| 100 ft (30 m)                                         |         | 60 ft (18 m)  | 12 AWG (4.0 mm²)  |
| Wire Type: Stranded Class 2 wire (supplied by others) |         |               |                   |

### Light Engine Options and Installation Notes

**400-R/400-R-RT** Fully adjustable Airtight and IC-Rated light engine for REMODEL applications features patented tool-free adjustment mechanism. **400-R** for use with INTEGRAL power supply and **400-R-RT** for use with REMOTE mounted power supply. Use for adjustable accent, wall wash, and general lighting applications. Meets Washington State Airtight Standard WAC 51-11-0502 and in accordance with ASTM E283 to reduce energy loss. Accommodates a wide range of ceiling thicknesses without affecting aiming or adjustment. For installations in direct contact with thermal insulation, ambient temperatures in ceiling space should not exceed 25°C (77°F) during normal operation. For installations where insulation is held back a minimum of 3" from sides and top, ambient temperatures in ceiling space should not exceed 40°C (104°F) during normal operation.

### LED, Optic Option, and Accessory Notes

For wall washing: specify 40° optic option with **HI**, **WD**, **WD-2** or **WD-4** LED, or 10° optic option and **FL** lens with **HI-2** LED. Requires **WW-4** wall wash accessory. To ensure fixture to fixture color consistency, use of the same LED option with adjacent fixtures is recommended. One field interchangeable optic option included standard. Up to two additional optical accessories can be accommodated.

### Driver and Output Option Notes

0-10v driver options are configured for linear control. DALI driver options are configured for logarithmic control. No.8 Lighting conducts extensive testing to establish compatibility with many dimmer types. For a complete list of compatible dimmers, see [8lighting.com/resources-downloads](http://8lighting.com/resources-downloads). Outputs vary depending on LED type, trim type, and optical accessories used. For photometric files in PDF and IES formats, see: [8lighting.com/400-series-photometry](http://8lighting.com/400-series-photometry).

### Trim Finish Notes

White trim finish is field paintable to match ceiling color. Lot variations may occur with specialty finishes. Ordering ALL trim kits at the same time is recommended to minimize finish variations.

### Trim Accessory Notes

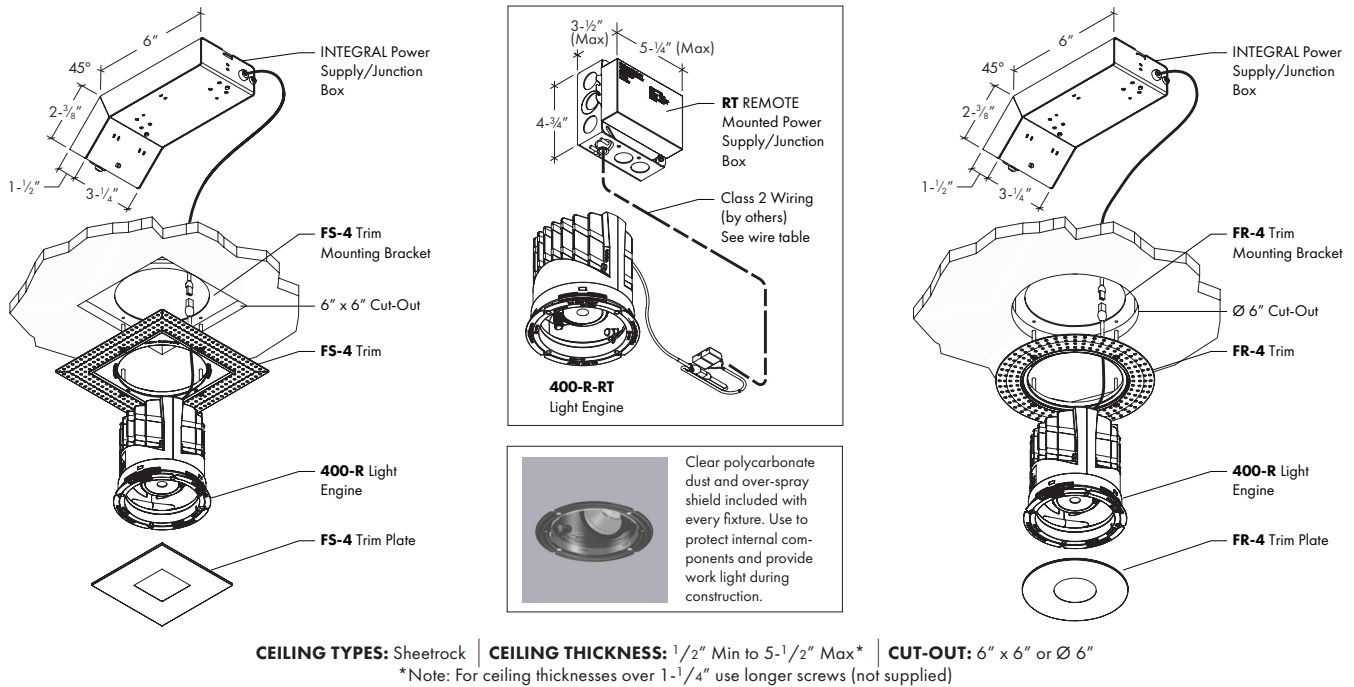
Trim lens accessories are factory installed into trim plates and are UL WET LISTED and rated for use in DRY, DAMP, or WET locations (covered ceiling applications only). Approved for use in residential steam applications. Not for use in commercial steam applications.

### Warranty

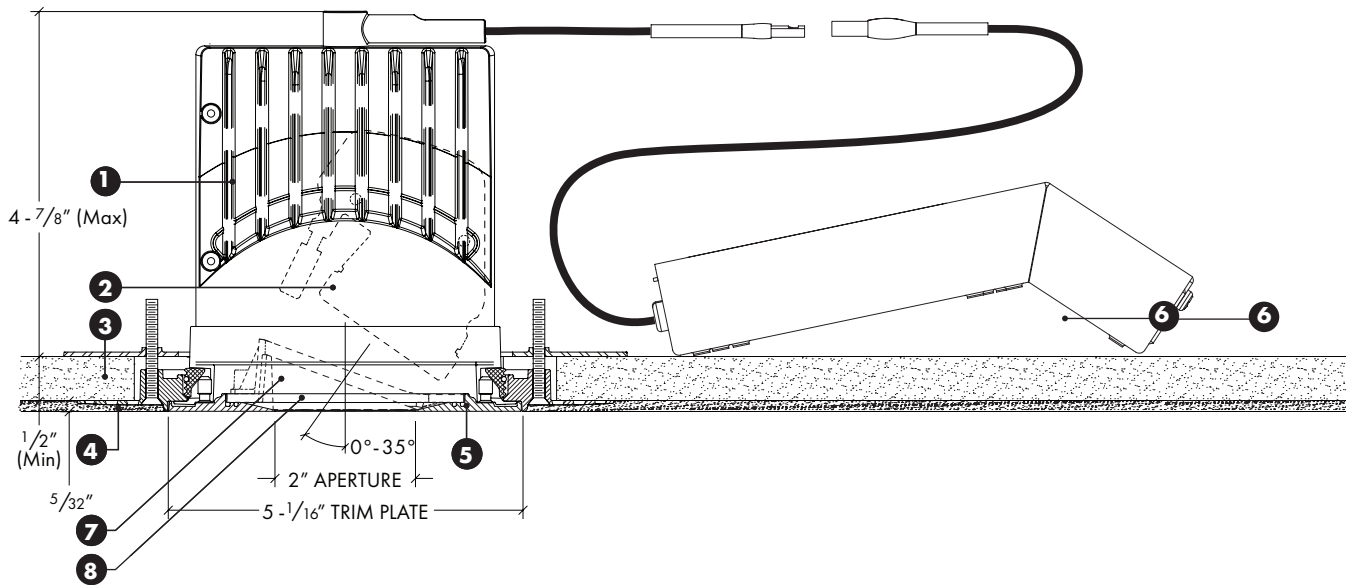
All No. 8 Lighting products are covered by a 5 year limited warranty. Products installed in residential steam applications are covered by a 2 year limited warranty. For specific warranty details and limitations, see: [8lighting.com/resources-downloads](http://8lighting.com/resources-downloads).

JA8-2025 CA Title 24 Compliant.

## 400-R FIXTURE ASSEMBLY with FS-4/FR-4 FLANGELESS TRIM - REMODEL MOUNTING



## 400-R/400 R-RT FIXTURE ASSEMBLY with FS-4/FR-4 FLANGELESS TRIM - REMODEL MOUNTING



- 1) **400-R/400-R-RT REMODEL Light Engine** Airtight + IC Rated installs from below finished ceiling into FS-4/FR-4 Trim.
- 2) **Adjustable LED & Optics** Features 0° - 35° tilt and 360° rotation with tool-less locking.
- 3) **Ceiling Material** (Sheetrock) Accommodates ceiling thicknesses from 1/2" (min) to 5-1/2" (max) without affecting aiming or rotation. Ceiling material must be rigid and able to support weight of fixture (approximately 5lbs.).
- 4) **FS-4/FR-4 Flangeless Trim** Flush mounts using 5/32" ceiling finish (drywall compound or plaster). Installs from below and sandwiches sheetrock through 6" cut-out. Standard screws (supplied) accommodate 1/2" to 1-1/4" thick sheetrock ceiling material. Use longer screws for ceilings over 1-1/4" thick.
- 5) **FS-4/FR-4 Flat Trim Plate** Features unique magnetic attachment. Mounts flush to finished ceiling.
- 6) **Integral Power Supply/Junction Box** (shown) Installs from below finished ceiling and is accessible after installation. **RT Remote Power Supply/Junction Box** (not shown) can be mounted up to 100ft from fixture using 12AWG Class 2 stranded wire. See wire length table.
- 7) **WW-4 Wall Wash Accessory Lens** (optional) - Factory installed into trim plate. UL WET LISTED for use in DRY, DAMP, or WET locations (covered ceiling applications only). Approved for use in residential steam applications. Not for use in commercial steam applications.
- 8) **CL4/SF4 Clear/Soft Focus Accessory Lens** (optional) - Factory installed into trim plate. UL WET LISTED for use in DRY, DAMP, or WET locations (covered ceiling applications only). Approved for use in residential steam applications. Not for use in commercial steam applications.

#### 400 SERIES w/ FS-4 TRIM - PERFORMANCE SUMMARY

| LED     | OUTPUT | CCT        | CRI | R9 | Delivered Lumens | System Wattage | Delivered LPW |
|---------|--------|------------|-----|----|------------------|----------------|---------------|
| HI-27   | 1000   | 2700K      | 94  | 60 | 819-964          | 14             | 59-69         |
| HI      | 1000   | 3000K      | 94  | 60 | 881-1037         | 14             | 63-74         |
| HI-2-27 | 1000   | 2700K      | 94  | 63 | 1006             | 14.5           | 69            |
| HI-2    | 1000   | 3000K      | 94  | 63 | 1082             | 14.5           | 75            |
| WD      | 350    | 3000-1800K | 97  | 82 | 694-818          | 15             | 48-56         |
| WD-2    | 350    | 2800-2200K | 97  | 78 | 686-809          | 15             | 47-55         |
| WD-4    | 350    | 3000-2200K | 97  | 76 | 732-864          | 15             | 50-59         |

Performance summary for HI LED with 15°, 25°, and 40° optic options and HI-2 LED with 10° optic option.

Performance summary for WD and WD-4 LED at 3000K and WD-2 LED at 2800K with 15°, 25°, and 40° optic options.

#### 400 SERIES w/ FR-4 TRIM - PERFORMANCE SUMMARY

| LED     | OUTPUT | CCT        | CRI | R9 | Delivered Lumens | System Wattage | Delivered LPW |
|---------|--------|------------|-----|----|------------------|----------------|---------------|
| HI-27   | 1000   | 2700K      | 94  | 60 | 811-955          | 14             | 58-68         |
| HI      | 1000   | 3000K      | 94  | 60 | 872-1027         | 14             | 62-73         |
| HI-2-27 | 1000   | 2700K      | 94  | 63 | 1004             | 14.5           | 69            |
| HI-2    | 1000   | 3000K      | 94  | 63 | 1080             | 14.5           | 74            |
| WD      | 350    | 3000-1800K | 97  | 81 | 708-840          | 15             | 48-58         |
| WD-2    | 350    | 2800-2200K | 97  | 78 | 700-835          | 15             | 48-57         |
| WD-4    | 350    | 3000-2200K | 97  | 76 | 721-855          | 15             | 49-58         |

Performance summary for HI LED with 15°, 25°, and 40° optic options and HI-2 LED with 10° optic option.

Performance summary for WD and WD-4 LED at 3000K and WD-2 LED at 2800K with 15°, 25°, and 40° optic options.

#### 400 SERIES w/ FS-4 TRIM + WW-4 WALL WASH ACCESSORY - PERFORMANCE SUMMARY

| LED     | OUTPUT | CCT        | CRI | R9 | Delivered Lumens | System Wattage | Delivered LPW |
|---------|--------|------------|-----|----|------------------|----------------|---------------|
| HI-27   | 1000   | 2700K      | 94  | 60 | 652              | 14             | 47            |
| HI      | 1000   | 3000K      | 94  | 60 | 701              | 14             | 50            |
| HI-2-27 | 1000   | 2700K      | 94  | 64 | 504              | 14.5           | 35            |
| HI-2    | 1000   | 3000K      | 94  | 64 | 542              | 14.5           | 37            |
| WD      | 350    | 3000-1800K | 97  | 82 | 548              | 15             | 38            |
| WD-2    | 350    | 2800-2200K | 97  | 80 | 543              | 15             | 37            |
| WD-4    | 350    | 3000-2200K | 97  | 78 | 580              | 15             | 40            |

Performance summary for HI LED with 40° optic option and HI-2 LED with 10° optic + FL lens option.

Performance summary for WD and WD-4 LED at 3000K and WD-2 LED at 2800K with 15°, 25°, and 40° optic options.

#### 400 SERIES w/ FR-4 TRIM + WW-4 WALL WASH ACCESSORY - PERFORMANCE SUMMARY

| LED     | OUTPUT | CCT        | CRI | R9 | Delivered Lumens | System Wattage | Delivered LPW |
|---------|--------|------------|-----|----|------------------|----------------|---------------|
| HI-27   | 1000   | 2700K      | 94  | 60 | 659              | 14             | 47            |
| HI      | 1000   | 3000K      | 94  | 60 | 709              | 14             | 51            |
| HI-2-27 | 1000   | 2700K      | 94  | 64 | 509              | 14.5           | 35            |
| HI-2    | 1000   | 3000K      | 94  | 64 | 547              | 14.5           | 38            |
| WD      | 350    | 3000-1800K | 97  | 82 | 584              | 15             | 40            |
| WD-2    | 350    | 2800-2200K | 97  | 80 | 560              | 15             | 38            |
| WD-4    | 350    | 3000-2200K | 97  | 77 | 587              | 15             | 40            |

Performance summary for HI LED with 40° optic option and HI-2 LED with 10° optic + FL lens option.

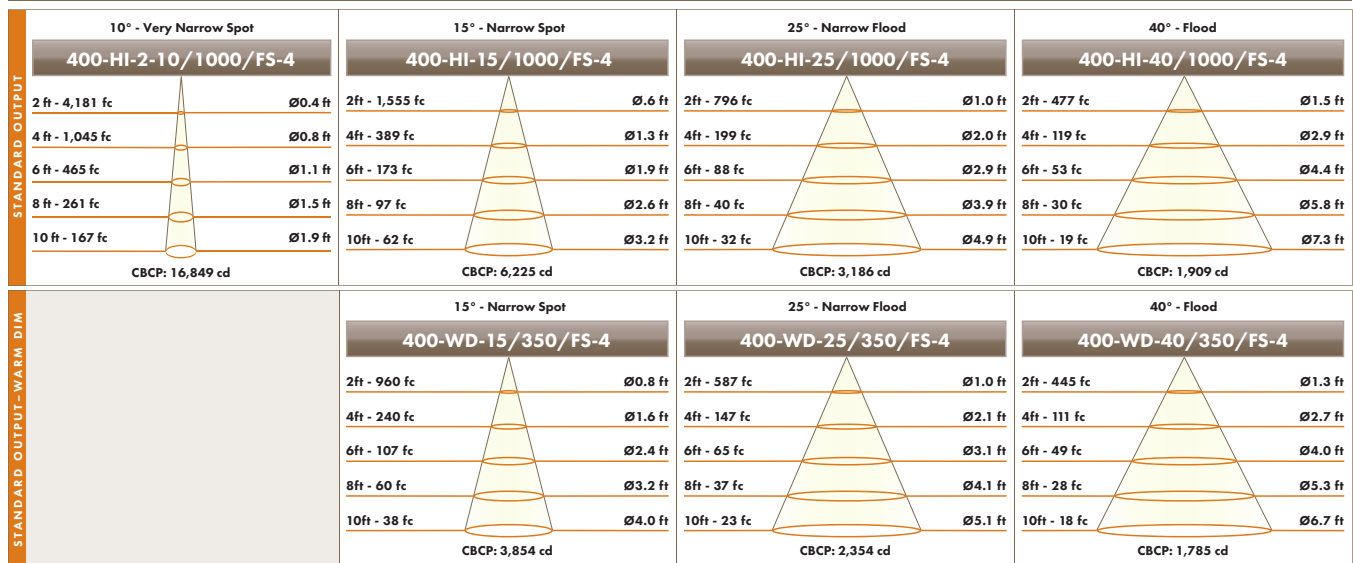
Performance summary for WD and WD-4 LED at 3000K and WD-2 LED at 2800K with 40° optic option.

## 400 SERIES - OPTICAL OPTIONS AND ACCESSORY PERFORMANCE SUMMARY

| OPTIC OPTIONS        | LED OPTIONS  | BEAM ENHANCING LENS (OPTIONAL)* |       |      |       |           |
|----------------------|--------------|---------------------------------|-------|------|-------|-----------|
|                      |              | + NSP                           | + NFL | + FL | + WFL | + LS      |
| 10° Very Narrow Spot | HI-2         | 14°                             | 25°   | 41°  | 44°   | 14° x 26° |
| 15° Narrow Spot      | HI           | 21°                             | 30°   | 48°  | 56°   | 21° x 35° |
| 15° Narrow Spot      | WD/WD-2/WD-4 | 24°                             | 32°   | 49°  | 56°   | 24° x 46° |
| 25° Narrow Flood     | HI           | 28°                             | 35°   | 51°  | 59°   | 29° x 47° |
| 25° Narrow Flood     | WD/WD-2/WD-4 | 29°                             | 35°   | 51°  | 58°   | 31° x 44° |
| 40° Flood            | HI           | 41°                             | 44°   | 59°  | 66°   | 42° x 53° |
| 40° Flood            | WD/WD-2/WD-4 | 37°                             | 42°   | 55°  | 62°   | 39° x 50° |

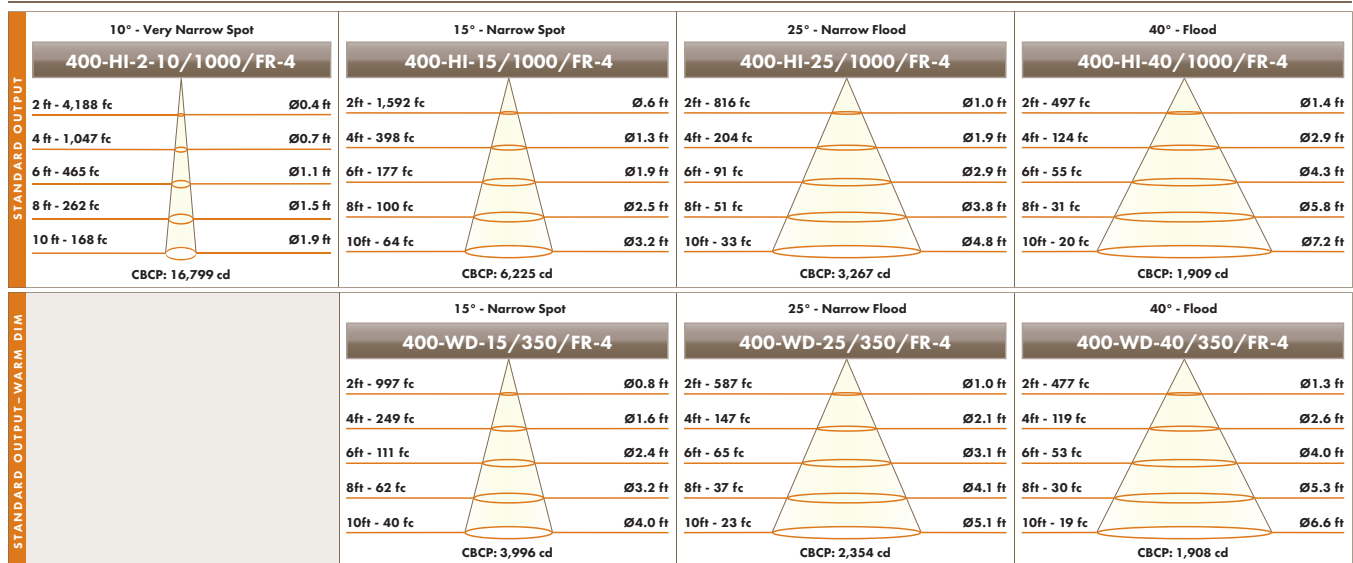
\*Beam enhancing lens used in combination with 10°, 15°, 25°, or 40° optic to achieve desired beam spread.

## 400 SERIES w/ FS-4 TRIM - CONE OF LIGHT DIAGRAMS



Performance shown for 3000K. Output varies by CCT.

## 400 SERIES w/ FR-4 TRIM - CONE OF LIGHT DIAGRAMS



Performance shown for 3000K. Output varies by CCT.

**400-HI-40 w/ FS-4 TRIM + WW-4 WALL WASH ACCESSORY - FOOTCANDLES ON WALL**

| DISTANCE TO WALL                                                                  |                       | 2.0 ft                                                                            |        |                                                                                   |                                                                                   |        |                                                                                   | 2.5 ft                                                                             |        |                                                                                     |                                                                                     |        |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|
| ON CENTER SPACING                                                                 |                       |  | 2.0 ft |  |  | 2.5 ft |  |  | 2.5 ft |  |  | 3.0 ft |  |
|  | DISTANCE FROM CEILING | 0.5 ft                                                                            | 0.4    | 3.0                                                                               | 0.4                                                                               | 0.4    | 0.2                                                                               | 0.4                                                                                | 0.1    | 0.1                                                                                 | 0.1                                                                                 | 0.1    | 0.1                                                                                 |
|                                                                                   |                       | 1.5 ft                                                                            | 28.9   | 31.1                                                                              | 28.9                                                                              | 25.8   | 25.3                                                                              | 25.8                                                                               | 13.3   | 13.9                                                                                | 13.3                                                                                | 12.1   | 11.3                                                                                |
|                                                                                   |                       | 2.5 ft                                                                            | 32.7   | 36.4                                                                              | 32.7                                                                              | 29.2   | 32.3                                                                              | 29.2                                                                               | 22.2   | 24.3                                                                                | 22.2                                                                                | 20.2   | 21.5                                                                                |
|                                                                                   |                       | 3.5 ft                                                                            | 21.9   | 23.8                                                                              | 21.9                                                                              | 19.9   | 22.4                                                                              | 19.9                                                                               | 19.0   | 21.1                                                                                | 19.0                                                                                | 17.3   | 19.6                                                                                |
|                                                                                   |                       | 4.5 ft                                                                            | 13.3   | 14.2                                                                              | 13.3                                                                              | 12.5   | 13.6                                                                              | 12.5                                                                               | 13.3   | 14.5                                                                                | 13.3                                                                                | 12.4   | 13.8                                                                                |
|                                                                                   |                       | 5.5 ft                                                                            | 8.3    | 8.7                                                                               | 8.3                                                                               | 7.9    | 8.4                                                                               | 7.9                                                                                | 9.0    | 9.6                                                                                 | 9.0                                                                                 | 8.5    | 9.2                                                                                 |
|                                                                                   |                       | 6.5 ft                                                                            | 5.4    | 5.6                                                                               | 5.4                                                                               | 5.2    | 5.5                                                                               | 5.2                                                                                | 6.1    | 6.4                                                                                 | 6.1                                                                                 | 5.8    | 6.3                                                                                 |
|                                                                                   |                       | 7.5 ft                                                                            | 3.6    | 3.7                                                                               | 3.6                                                                               | 3.5    | 3.7                                                                               | 3.5                                                                                | 4.2    | 4.4                                                                                 | 4.2                                                                                 | 4.1    | 4.3                                                                                 |
|                                                                                   |                       | 8.5 ft                                                                            | 2.6    | 2.6                                                                               | 2.6                                                                               | 2.5    | 2.6                                                                               | 2.5                                                                                | 3.0    | 3.2                                                                                 | 3.0                                                                                 | 3.0    | 3.1                                                                                 |
|                                                                                   |                       | 9.5 ft                                                                            | 1.9    | 1.9                                                                               | 1.9                                                                               | 1.8    | 1.9                                                                               | 1.8                                                                                | 2.2    | 2.3                                                                                 | 2.2                                                                                 | 2.2    | 2.3                                                                                 |

Note: With **HI** LED option, use 40° optic and 20° aiming angle for optimal performance. Data shown for 3000K CCT.

**400-HI-2-10-FL w/ FS-4 TRIM + WW-4 WALL WASH ACCESSORY - FOOTCANDLES ON WALL**

| DISTANCE TO WALL                                                                   |                       | 2.0 ft                                                                            |        |                                                                                   |                                                                                   |        |                                                                                   | 2.5 ft                                                                             |        |                                                                                     |                                                                                     |        |                                                                                     |
|------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|
| ON CENTER SPACING                                                                  |                       |  | 2.0 ft |  |  | 2.5 ft |  |  | 2.5 ft |  |  | 3.0 ft |  |
|  | DISTANCE FROM CEILING | 0.5 ft                                                                            | 0.4    | 0.4                                                                               | 0.4                                                                               | 0.3    | 0.4                                                                               | 0.1                                                                                | 0.1    | 0.1                                                                                 | 0.1                                                                                 | 0.1    | 0.1                                                                                 |
|                                                                                    |                       | 1.5 ft                                                                            | 18.3   | 19.3                                                                              | 18.3                                                                              | 16.7   | 14.9                                                                              | 16.7                                                                               | 7.5    | 7.6                                                                                 | 7.5                                                                                 | 7.0    | 5.9                                                                                 |
|                                                                                    |                       | 2.5 ft                                                                            | 23.7   | 26.3                                                                              | 23.7                                                                              | 21.2   | 22.8                                                                              | 21.2                                                                               | 15.4   | 17.0                                                                                | 15.4                                                                                | 14.1   | 14.6                                                                                |
|                                                                                    |                       | 3.5 ft                                                                            | 16.7   | 18.2                                                                              | 16.7                                                                              | 15.1   | 16.7                                                                              | 15.1                                                                               | 14.0   | 15.5                                                                                | 14.0                                                                                | 12.8   | 14.1                                                                                |
|                                                                                    |                       | 4.5 ft                                                                            | 10.5   | 11.2                                                                              | 10.5                                                                              | 9.8    | 10.6                                                                              | 9.8                                                                                | 10.2   | 11.1                                                                                | 10.2                                                                                | 9.5    | 10.4                                                                                |
|                                                                                    |                       | 5.5 ft                                                                            | 6.7    | 7.0                                                                               | 6.7                                                                               | 6.3    | 6.7                                                                               | 6.3                                                                                | 7.0    | 7.5                                                                                 | 7.0                                                                                 | 6.6    | 7.2                                                                                 |
|                                                                                    |                       | 6.5 ft                                                                            | 4.3    | 4.5                                                                               | 4.3                                                                               | 4.2    | 4.4                                                                               | 4.2                                                                                | 4.9    | 5.1                                                                                 | 4.9                                                                                 | 4.6    | 4.9                                                                                 |
|                                                                                    |                       | 7.5 ft                                                                            | 3.0    | 3.0                                                                               | 3.0                                                                               | 2.9    | 3.0                                                                               | 2.9                                                                                | 3.4    | 3.6                                                                                 | 3.4                                                                                 | 3.3    | 3.5                                                                                 |
|                                                                                    |                       | 8.5 ft                                                                            | 2.1    | 2.1                                                                               | 2.1                                                                               | 2.0    | 2.1                                                                               | 2.0                                                                                | 2.5    | 2.5                                                                                 | 2.5                                                                                 | 2.4    | 2.5                                                                                 |
|                                                                                    |                       | 9.5 ft                                                                            | 1.5    | 1.5                                                                               | 1.5                                                                               | 1.5    | 1.5                                                                               | 1.5                                                                                | 1.8    | 1.9                                                                                 | 1.8                                                                                 | 1.8    | 1.8                                                                                 |

Note: With **HI-2** LED option, use 10° optic + **FL** lens and 20° aiming angle for optimal performance. Data shown for 3000K CCT.

**400-WD-40 w/ FS-4 TRIM + WW-4 WALL WASH ACCESSORY - FOOTCANDLES ON WALL**

| DISTANCE TO WALL                                                                    |                       | 2.0 ft                                                                              |        |                                                                                     |                                                                                     |        |                                                                                     | 2.5 ft                                                                               |        |                                                                                       |                                                                                       |        |                                                                                       |
|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|
| ON CENTER SPACING                                                                   |                       |  | 2.0 ft |  |  | 2.5 ft |  |  | 2.5 ft |  |  | 3.0 ft |  |
|  | DISTANCE FROM CEILING | 0.5 ft                                                                              | 0.2    | 0.2                                                                                 | 0.2                                                                                 | 0.2    | 0.1                                                                                 | 0.2                                                                                  | 0.1    | 0.1                                                                                   | 0.1                                                                                   | 0.1    | 0.1                                                                                   |
|                                                                                     |                       | 1.5 ft                                                                              | 17.0   | 18.6                                                                                | 17.0                                                                                | 15.4   | 15.0                                                                                | 15.4                                                                                 | 7.2    | 7.5                                                                                   | 7.2                                                                                   | 6.8    | 6.1                                                                                   |
|                                                                                     |                       | 2.5 ft                                                                              | 22.9   | 26.3                                                                                | 22.9                                                                                | 20.5   | 23.0                                                                                | 20.5                                                                                 | 14.3   | 16.2                                                                                  | 14.3                                                                                  | 13.1   | 14.1                                                                                  |
|                                                                                     |                       | 3.5 ft                                                                              | 17.0   | 19.4                                                                                | 17.0                                                                                | 15.2   | 17.9                                                                                | 15.2                                                                                 | 13.8   | 16.0                                                                                  | 13.8                                                                                  | 12.6   | 14.6                                                                                  |
|                                                                                     |                       | 4.5 ft                                                                              | 10.9   | 12.0                                                                                | 10.9                                                                                | 10.0   | 11.4                                                                                | 10.0                                                                                 | 10.4   | 11.9                                                                                  | 10.4                                                                                  | 9.6    | 11.2                                                                                  |
|                                                                                     |                       | 5.5 ft                                                                              | 7.0    | 7.5                                                                                 | 7.0                                                                                 | 6.5    | 7.2                                                                                 | 6.5                                                                                  | 7.3    | 8.1                                                                                   | 7.3                                                                                   | 6.8    | 7.8                                                                                   |
|                                                                                     |                       | 6.5 ft                                                                              | 4.6    | 4.8                                                                                 | 4.6                                                                                 | 4.4    | 4.7                                                                                 | 4.4                                                                                  | 5.1    | 5.5                                                                                   | 5.1                                                                                   | 4.8    | 5.3                                                                                   |
|                                                                                     |                       | 7.5 ft                                                                              | 3.1    | 3.3                                                                                 | 3.1                                                                                 | 3.0    | 3.2                                                                                 | 3.0                                                                                  | 3.6    | 3.8                                                                                   | 3.6                                                                                   | 3.4    | 3.7                                                                                   |
|                                                                                     |                       | 8.5 ft                                                                              | 2.2    | 2.3                                                                                 | 2.2                                                                                 | 2.1    | 2.2                                                                                 | 2.1                                                                                  | 2.6    | 2.7                                                                                   | 2.6                                                                                   | 2.5    | 2.7                                                                                   |
|                                                                                     |                       | 9.5 ft                                                                              | 1.6    | 1.7                                                                                 | 1.6                                                                                 | 1.6    | 1.6                                                                                 | 1.6                                                                                  | 1.9    | 2.0                                                                                   | 1.9                                                                                   | 1.9    | 2.0                                                                                   |

Note: With **WD**, **WD-2**, **WD-4** LED option, use 40° optic and 20° aiming angle for optimal performance. Data shown for 3000K CCT.

**400-HI-40 w/ FR-4 TRIM + WW-4 WALL WASH ACCESSORY - FOOTCANDLES ON WALL**

| DISTANCE TO WALL                                                                  |                       | 2.0 ft                                                                            |        |                                                                                   |                                                                                   |        |                                                                                   | 2.5 ft                                                                             |        |                                                                                     |                                                                                     |        |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|
| ON CENTER SPACING                                                                 |                       |  | 2.0 ft |  |  | 2.5 ft |  |  | 2.5 ft |  |  | 3.0 ft |  |
|  | DISTANCE FROM CEILING | 0.5 ft                                                                            | 0.3    | 0.2                                                                               | 0.3                                                                               | 0.3    | 0.1                                                                               | 0.3                                                                                | 0.1    | 0.1                                                                                 | 0.1                                                                                 | 0.1    | 0.1                                                                                 |
|                                                                                   |                       | 1.5 ft                                                                            | 28.1   | 31.3                                                                              | 28.1                                                                              | 25.4   | 25.8                                                                              | 25.4                                                                               | 12.9   | 13.9                                                                                | 12.9                                                                                | 12.1   | 11.4                                                                                |
|                                                                                   |                       | 2.5 ft                                                                            | 32.1   | 36.9                                                                              | 32.1                                                                              | 28.6   | 33.0                                                                              | 28.6                                                                               | 21.6   | 24.5                                                                                | 21.6                                                                                | 19.7   | 21.8                                                                                |
|                                                                                   |                       | 3.5 ft                                                                            | 21.9   | 24.6                                                                              | 21.9                                                                              | 19.7   | 23.2                                                                              | 19.7                                                                               | 18.8   | 21.6                                                                                | 18.8                                                                                | 17.0   | 20.0                                                                                |
|                                                                                   |                       | 4.5 ft                                                                            | 13.6   | 14.8                                                                              | 13.6                                                                              | 12.5   | 14.3                                                                              | 12.5                                                                               | 13.4   | 15.0                                                                                | 13.4                                                                                | 12.3   | 14.3                                                                                |
|                                                                                   |                       | 5.5 ft                                                                            | 8.6    | 9.1                                                                               | 8.6                                                                               | 8.0    | 8.9                                                                               | 8.0                                                                                | 9.1    | 10.0                                                                                | 9.1                                                                                 | 8.5    | 9.6                                                                                 |
|                                                                                   |                       | 6.5 ft                                                                            | 5.6    | 5.9                                                                               | 5.6                                                                               | 5.3    | 5.8                                                                               | 5.3                                                                                | 6.3    | 6.7                                                                                 | 6.3                                                                                 | 5.9    | 6.6                                                                                 |
|                                                                                   |                       | 7.5 ft                                                                            | 3.8    | 4.0                                                                               | 3.8                                                                               | 3.7    | 3.9                                                                               | 3.7                                                                                | 4.4    | 4.7                                                                                 | 4.4                                                                                 | 4.2    | 4.6                                                                                 |
|                                                                                   |                       | 8.5 ft                                                                            | 2.7    | 2.8                                                                               | 2.7                                                                               | 2.6    | 2.8                                                                               | 2.6                                                                                | 3.2    | 3.3                                                                                 | 3.2                                                                                 | 3.1    | 3.3                                                                                 |
|                                                                                   |                       | 9.5 ft                                                                            | 2.0    | 2.0                                                                               | 2.0                                                                               | 1.9    | 2.0                                                                               | 1.9                                                                                | 2.4    | 2.4                                                                                 | 2.4                                                                                 | 2.3    | 2.4                                                                                 |

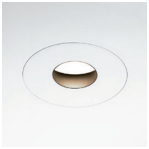
Note: With **HI** LED option, use 40° optic and 20° aiming angle for optimal performance. Data shown for 3000K CCT.

**400-HI-2-10-FL w/ FR-4 TRIM + WW-4 WALL WASH ACCESSORY - FOOTCANDLES ON WALL**

| DISTANCE TO WALL                                                                   |                       | 2.0 ft                                                                            |        |                                                                                   |                                                                                   |        |                                                                                   | 2.5 ft                                                                             |        |                                                                                     |                                                                                     |        |                                                                                     |
|------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|
| ON CENTER SPACING                                                                  |                       |  | 2.0 ft |  |  | 2.5 ft |  |  | 2.5 ft |  |  | 3.0 ft |  |
|  | DISTANCE FROM CEILING | 0.5 ft                                                                            | 0.5    | 0.4                                                                               | 0.5                                                                               | 0.5    | 0.3                                                                               | 0.5                                                                                | 0.2    | 0.2                                                                                 | 0.2                                                                                 | 0.2    | 0.2                                                                                 |
|                                                                                    |                       | 1.5 ft                                                                            | 19.5   | 21.2                                                                              | 19.5                                                                              | 17.6   | 16.9                                                                              | 17.6                                                                               | 8.4    | 8.7                                                                                 | 8.4                                                                                 | 7.8    | 7.1                                                                                 |
|                                                                                    |                       | 2.5 ft                                                                            | 23.8   | 26.9                                                                              | 23.8                                                                              | 21.2   | 23.7                                                                              | 21.2                                                                               | 15.7   | 17.6                                                                                | 15.7                                                                                | 14.3   | 15.6                                                                                |
|                                                                                    |                       | 3.5 ft                                                                            | 16.7   | 18.4                                                                              | 16.7                                                                              | 15.2   | 17.1                                                                              | 15.2                                                                               | 14.1   | 15.8                                                                                | 14.1                                                                                | 12.9   | 14.6                                                                                |
|                                                                                    |                       | 4.5 ft                                                                            | 10.6   | 11.3                                                                              | 10.6                                                                              | 9.8    | 10.8                                                                              | 9.8                                                                                | 10.2   | 11.2                                                                                | 10.2                                                                                | 9.5    | 10.7                                                                                |
|                                                                                    |                       | 5.5 ft                                                                            | 6.7    | 7.1                                                                               | 6.7                                                                               | 6.4    | 6.8                                                                               | 6.4                                                                                | 7.1    | 7.6                                                                                 | 7.1                                                                                 | 6.7    | 7.3                                                                                 |
|                                                                                    |                       | 6.5 ft                                                                            | 4.4    | 4.6                                                                               | 4.4                                                                               | 4.2    | 4.5                                                                               | 4.2                                                                                | 4.9    | 5.2                                                                                 | 4.9                                                                                 | 4.7    | 5.0                                                                                 |
|                                                                                    |                       | 7.5 ft                                                                            | 3.0    | 3.1                                                                               | 3.0                                                                               | 2.9    | 3.0                                                                               | 2.9                                                                                | 3.5    | 3.6                                                                                 | 3.5                                                                                 | 3.3    | 3.5                                                                                 |
|                                                                                    |                       | 8.5 ft                                                                            | 2.1    | 2.2                                                                               | 2.1                                                                               | 2.1    | 2.1                                                                               | 2.1                                                                                | 2.5    | 2.6                                                                                 | 2.5                                                                                 | 2.4    | 2.5                                                                                 |
|                                                                                    |                       | 9.5 ft                                                                            | 1.5    | 1.6                                                                               | 1.5                                                                               | 1.5    | 1.6                                                                               | 1.5                                                                                | 1.8    | 1.9                                                                                 | 1.8                                                                                 | 1.8    | 1.9                                                                                 |

Note: With **HI-2** LED option, use 10° optic + **FL** lens and 20° aiming angle for optimal performance. Data shown for 3000K CCT.

**400-WD-40 w/ FR-4 TRIM + WW-4 WALL WASH ACCESSORY - FOOTCANDLES ON WALL**

| DISTANCE TO WALL                                                                    |                       | 2.0 ft                                                                              |        |                                                                                     |                                                                                     |        |                                                                                     | 2.5 ft                                                                               |        |                                                                                       |                                                                                       |        |                                                                                       |
|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|
| ON CENTER SPACING                                                                   |                       |  | 2.0 ft |  |  | 2.5 ft |  |  | 2.5 ft |  |  | 3.0 ft |  |
|  | DISTANCE FROM CEILING | 0.5 ft                                                                              | 0.3    | 0.2                                                                                 | 0.3                                                                                 | 0.3    | 0.2                                                                                 | 0.3                                                                                  | 0.1    | 0.1                                                                                   | 0.1                                                                                   | 0.1    | 0.1                                                                                   |
|                                                                                     |                       | 1.5 ft                                                                              | 20.7   | 23.1                                                                                | 20.7                                                                                | 18.6   | 18.3                                                                                | 18.6                                                                                 | 9.1    | 10.0                                                                                  | 9.1                                                                                   | 8.4    | 8.9                                                                                   |
|                                                                                     |                       | 2.5 ft                                                                              | 26.5   | 30.3                                                                                | 26.5                                                                                | 23.5   | 26.4                                                                                | 23.5                                                                                 | 17.0   | 19.2                                                                                  | 17.0                                                                                  | 15.4   | 16.6                                                                                  |
|                                                                                     |                       | 3.5 ft                                                                              | 19.0   | 21.2                                                                                | 19.0                                                                                | 17.0   | 19.6                                                                                | 17.0                                                                                 | 15.8   | 18.0                                                                                  | 15.8                                                                                  | 14.3   | 16.4                                                                                  |
|                                                                                     |                       | 4.5 ft                                                                              | 12.0   | 12.9                                                                                | 12.0                                                                                | 11.1   | 12.3                                                                                | 11.1                                                                                 | 11.6   | 12.9                                                                                  | 11.6                                                                                  | 10.7   | 12.2                                                                                  |
|                                                                                     |                       | 5.5 ft                                                                              | 7.6    | 8.0                                                                                 | 7.6                                                                                 | 7.2    | 7.7                                                                                 | 7.2                                                                                  | 8.0    | 8.7                                                                                   | 8.0                                                                                   | 7.5    | 8.3                                                                                   |
|                                                                                     |                       | 6.5 ft                                                                              | 5.0    | 5.2                                                                                 | 5.0                                                                                 | 4.8    | 5.1                                                                                 | 4.8                                                                                  | 5.6    | 5.9                                                                                   | 5.6                                                                                   | 5.3    | 5.7                                                                                   |
|                                                                                     |                       | 7.5 ft                                                                              | 3.4    | 3.5                                                                                 | 3.4                                                                                 | 3.3    | 3.4                                                                                 | 3.3                                                                                  | 3.9    | 4.1                                                                                   | 3.9                                                                                   | 3.8    | 4.0                                                                                   |
|                                                                                     |                       | 8.5 ft                                                                              | 2.4    | 2.5                                                                                 | 2.4                                                                                 | 2.3    | 2.4                                                                                 | 2.3                                                                                  | 2.8    | 2.9                                                                                   | 2.8                                                                                   | 2.7    | 2.9                                                                                   |
|                                                                                     |                       | 9.5 ft                                                                              | 1.7    | 1.8                                                                                 | 1.7                                                                                 | 1.7    | 1.8                                                                                 | 1.7                                                                                  | 2.1    | 2.2                                                                                   | 2.1                                                                                   | 2.0    | 2.1                                                                                   |

Note: With **WD**, **WD-2**, or **WD-4** LED option, use 40° optic and 20° aiming angle for optimal performance. Data shown for 3000K CCT.