| 400 NEW CONSTRUCTION ADJUSTABLE LED FLS-4 and FLR-4 FLAT TRIMS for FLANGELESS WOOD/ FRM2-4W-S/R and FRM2-4W-S/R-CP HOUSINGS | STONE | N° | 526 Portal Street Cotati, CA 94931 USA |
|---|-------|---|---|
| Project Name | | ei <u>8ht</u> | P 707.794.0888 |
| Date | Туре | LIGHTING | www.8lighting.com |
| Prepared By | | | omponents are UL Listed to both |
| Comments | | modules are protected by one or | ts. No. 8 Lighting trims and lamp more U.S. Patents. No. 8 Lighting ils of design, materials, and finish. |
| Catalog # 400 / / | / - | © 2025 No. 8 Lighting Doc # 91269-13.3 | CERTIFIED |

PRODUCT FEATURES



NEW CONSTRUCTION LIGHT ENGINE

AIRTIGHT and IC RATED

400



400 SERIES HOUSINGS FOR FLANGELESS TRIMS with WOOD/STONE





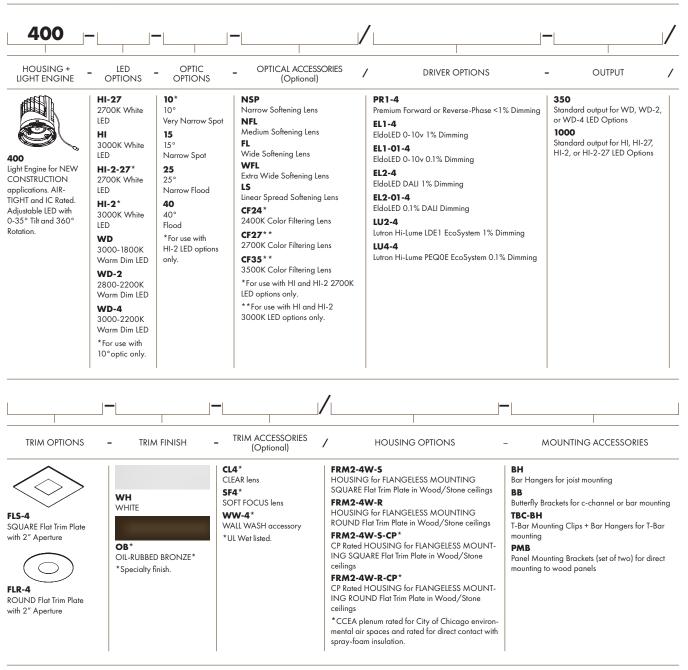
400 SERIES TRIMS FLANGELESS for WOOD/STONE

400 w/ FLANGELESS TRIM for WOOD/STONE CEILINGS - SPECIFICATION SUMMARY

| | Static W | hite | | 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, 30 | 000K | 3000-1800K | 2800-2200K | 3000-2200K | | | | |
| Optic Options | 15, 25, 40 | 10 | | 15, 25, 40 | | | | | |
| Color Consistency | 2-Ste | D | | 3-Step | | | | | |
| Optical Accessories | Narrow, I | Medium, Wide, Extra | Wide, Linear Spread, and 24 | 100K, 2700K, 3500K Cold | or Filters | | | | |
| Adjustability | | (| 0-35° Tilt, 360° Rotation, Lock | able | | | | | |
| Driver Options | <1% Forw | , | (120v), 0.1/1% 0-10v (120- 0.1/1% EcoSystem (120 or 2 | . , , , |)-277v), | | | | |
| Trim Options | | | Round/Square Flat | | | | | | |
| Finish Options | | | White, Oil-Rubbed Bronze | 2 | | | | | |
| Trim Mounting Options | | Flange | eless: Wood/Stone Ceiling Ap | oplications | | | | | |
| Trim Accessories | | UL Wet Liste | d Lens Options - Clear, Soft Fo | ocus, Wall Wash | | | | | |
| Housing Options | | | Remodel: Type IC Air-Tigh | t | | | | | |

Performance data shown with FLS-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, LED, Optic Option, and Accessory Notes

400 Fully adjustable Airtight and IC-Rated light engine for NEW CONSTRUCTION applications features patented tool-free adjustment mechanism. 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. Use for adjustable accent, wall wash*, and general lighting applications. *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.

Housing and Installation Notes

Housing options include power supply, junction box, and mounting accessories. Rated for direct contact with standard or spray-foam* thermal insulation with a max combined R-Value of R42 (may also be in-stalled in Non-IC applications). CCEA* plenum rated for City of Chicago environmental air spaces. * For spray-foam or CCEA applications, specify FRM2-4W-S/R-CPRM2-4T-CP housing. 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.

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. Outputs vary depending on LED type, trim type, and optical accessories used. For photometric files in PDF ting.com/400-series-photometry. and IES formats, see: 8lig **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**

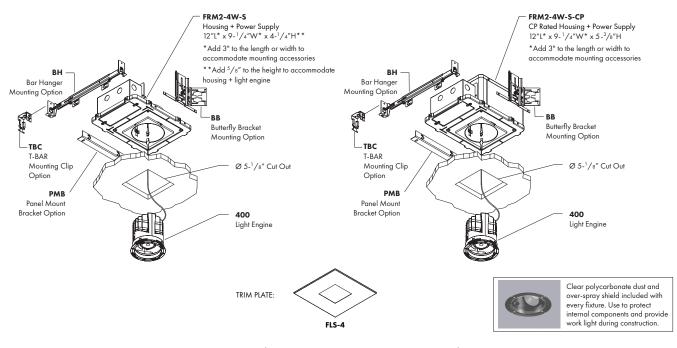
Trim lens accessories are factory installed into trim plates and are UL WET LISTED and rated for use in DRY, DAMP, or WET locations (covered ceiling applications only). Approved for use in residential steam applications. Not for use in commercial steam applications

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.

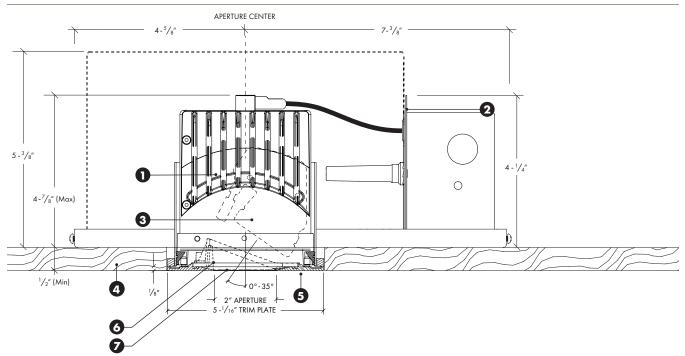
JA8-2025 CA Title 24 Compliant.

400 + FRM2-4W-S/FRM2-4W-S-CP NEW CONSTRUCTION HOUSINGS with FLS-4 SQUARE FLAT TRIM FLANGELESS MOUNTED



CEILING TYPES: Wood/Stone CEILING THICKNESS: 1/2" Min to 2-1/4" Max CUT-OUT: 5-1/8"

400 + FRM2-4W-S/FRM2-4W-S-CP NEW CONSTRUCTION HOUSINGS with FLS-4 SQUARE FLAT TRIM FLANGELESS MOUNTED



1) 400 NEW CONSTRUCTION Light Engine Airtight and IC Rated.

2) FRM2-4W-S / FRM2-4W-S-CP New Construction housing and power supply for FLANGELESS mounting FLS-4 SQUARE flat trim plate. For CCEA and spray foam ceiling applications, use FRM2-4W-S-CP frame (shown dashed).

3) Adjustable LED & Optics Features 0°- 35° tilt and 360° rotation with tool-less locking.

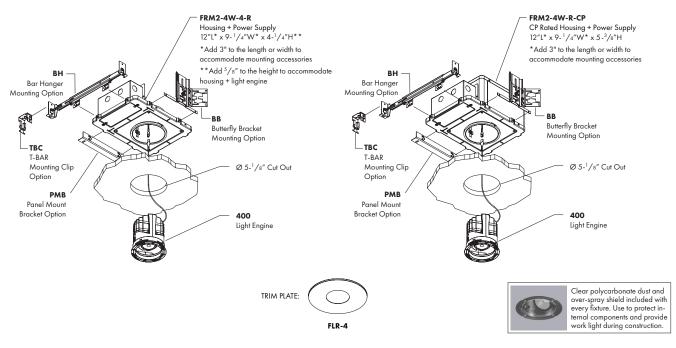
4) Ceiling Material (Wood/Stone) Accommodates ceiling thicknesses from 1/2" (min) to 2-1/4" (max) without affecting aiming or rotation.

5) FLS-4 SQUARE Flat Trim Plate features unique magnetic attachment. Mounts flush to finished ceiling.

6) 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.

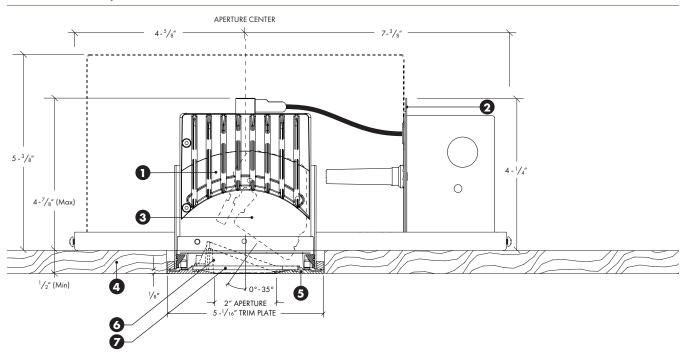
7) CL4/SF4 Clear/Soft Focus Accessory Lens (optional) – Factory installed into trim plate. UL WET LISTED for use in DRY, DAMP, or WET locations (covered ceiling applications only). Approved for use in residential steam applications. Not for use in commercial steam applications.

400 + FRM2-4W-R/FRM2-4W-R-CP NEW CONSTRUCTION HOUSINGS with FLR-4 ROUND FLATTRIM FLANGELESS MOUNTED



CEILING TYPES: Wood/Stone CEILING THICKNESS: 1/2" Min to 2-1/4" Max CUT-OUT: 5-1/8"

400 + FRM2-4W-R/FRM2-4W-R-CP NEW CONSTRUCTION HOUSINGS with FLR-4 ROUND FLAT TRIM FLANGELESS MOUNTED



1) 400 NEW CONSTRUCTION Light Engine Airtight and IC Rated.

2) FRM2-4W-R / FRM2-4W-R-CP New Construction housing and power supply for FLANGELESS mounting FLR-4 ROUND flat trim plate. For CCEA and spray foam ceiling applications, use FRM2-4W-R-CP frame (shown dashed).

3) Adjustable LED & Optics Features 0°- 35° tilt and 360° rotation with tool-less locking.

4) Ceiling Material (Wood/Stone) Accommodates ceiling thicknesses from 1/2" (min) to 2-1/4" (max) without affecting aiming or rotation.

5) FLR-4 ROUND Flat Trim Plate features unique magnetic attachment. Mounts flush to finished ceiling.

6) 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.

7) 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/ FLS-4 TRIM - PERFORMANCE SUMMARY

| LED | OUTPUT | ССТ | CRI | R9 | Delivered Lumens | System Wattage | Delivered LPW |
|---------|--------|------------|-----|----|---------------------|-------------------|------------------|
| HI-27 | 1000 | 2700K | 94 | 60 | 819-964 | 14 | 59-69 |
| н | 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/ FLR-4 TRIM - PERFORMANCE SUMMARY

| LED | OUTPUT | ССТ | 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/ FLS-4 TRIM + WW-4 WALL WASH ACCESSORY - PERFORMANCE SUMMARY

| LED | OUTPUT | ССТ | CRI | R9 | Delivered Lumens | System Wattage | Delivered LPW |
|---------|--------|------------|-----|----|---------------------|-------------------|------------------|
| HI-27 | 1000 | 2700K | 94 | 60 | 652 | 14 | 47 |
| н | 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 40° optic option.

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

| , | | | | | | | |
|---------|--------|------------|-----|----|---------------------|-------------------|------------------|
| LED | OUTPUT | ССТ | CRI | R9 | Delivered Lumens | System Wattage | Delivered LPW |
| HI-27 | 1000 | 2700K | 94 | 60 | 659 | 14 | 47 |
| н | 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 $~40^\circ$ optic option.

| | LED | BEAM ENHANCING LENS (OPTIONAL)* | | | | | | | |
|--------------------------|--------------|--|-------|------|-------|-----------|--|--|--|
| OPTIC OPTIONS | OPTIONS | + 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° | | | |

400 SERIES - OPTICAL OPTIONS AND ACCESSORY PERFORMANCE SUMMARY

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

400 SERIES w/ FLS-4 TRIM - CONE OF LIGHT DIAGRAMS

| 10° - Very N | Narrow Spot | 15° - Narrow Spot | | 25° - 1 | Narrow Flood | 40° - F | lood | |
|-----------------|-------------|-------------------|---------|--------------|--------------|----------------|------------|--|
| 400-HI-2-10, | /1000/FLS-4 | 400-HI-15/1000/F | LS-4 | 400-HI-25 | 5/1000/FLS-4 | 400-HI-40/1 | 1000/FLS-4 | |
| 2 ft - 4,181 fc | Ø0.4 ft | 2ft - 1,555 fc | Ø.6 ft | 2ft - 796 fc | Ø1.0 ft | 2ft - 477 fc | Ø1.5 ft | |
| 4 ft - 1,045 fc | Ø0.8 ft | 4ft - 389 fc | Ø1.3 ft | 4ft - 199 fc | Ø2.0 ft | 4ft - 119 fc | Ø2.9 ft | |
| 6 ft - 465 fc | Ø1.1 ft | 6ft - 173 fc | Ø1.9 ft | 6ft - 88 fc | Ø2.9 ft | 6ft - 53 fc | Ø4.4 ft | |
| 8 ft - 261 fc | Ø1.5 ft | 8ft - 97 fc | Ø2.6 ft | 8ft - 40 fc | Ø3.9 ft | 8ft - 30 fc | Ø5.8 ft | |
| 10 ft - 167 fc | Ø1.9 ft | 10ft - 62 fc | Ø3.2 ft | 10ft - 32 fc | Ø4.9 ft | 10ft - 19 fc | Ø7.3 ft | |
| CBCP: 10 | 6,849 cd | CBCP: 6,225 cd | | CBC | P: 3,186 cd | CBCP: 1, | 909 cd | |
| z | | 15° - Narrow Spot | | 25° - 1 | Narrow Flood | 40° - F | lood | |
| i d | | 400-WD-15/350/I | FLS-4 | 400-WD-2 | 25/350/FLS-4 | 400-WD-40/ | /350/FLS-4 | |
| WAR | | 2ft - 960 fc | Ø0.8 ft | 2ft - 587 fc | Ø1.0 ft | 2ft - 445 fc | Ø1.3 ft | |
| - TU | | 4ft - 240 fc | Ø1.6 ft | 4ft - 147 fc | Ø2.1 ft | 4ft - 111 fc | Ø2.7 ft | |
| 100 | | 6ft - 107 fc | Ø2.4 ft | 6ft - 65 fc | Ø3.1 ft | 6ft - 49 fc | Ø4.0 ft | |
| ARD | | 8ft - 60 fc | Ø3.2 ft | 8ft - 37 fc | Ø4.1 ft | 8ft - 28 fc | Ø5.3 ft | |
| AND | | 10ft - 38 fc | Ø4.0 ft | 10ft - 23 fc | Ø5.1 ft | 10ft - 18 fc | Ø6.7 ft | |
| o, | | CBCP: 3,854 cd | | CBC | P: 2,354 cd | CBCP: 1,785 cd | | |

Performance shown for 3000K. Output varies by CCT.

400 SERIES w/ FLR-4 TRIM - CONE OF LIGHT DIAGRAMS

| 10° - Very N | larrow Spot | 15° - Narrow Spot | | 25° - | Narrow Flood | 40° - Flood | | |
|-----------------|-------------|-------------------|---------|--------------|--------------|----------------|---------|--|
| 400-HI-2-10/ | /1000/FLR-4 | 400-HI-15/1000/F | LR-4 | 400-HI-2 | 5/1000/FLR-4 | 400-HI-40/1000 | /FLR-4 | |
| 2 ft - 4,188 fc | Ø0.4 ft | 2ft - 1,592 fc | Ø.6 ft | 2ft - 816 fc | Ø1.0 ft | 2ft - 497 fc | Ø1.4 ft | |
| 4 ft - 1,047 fc | Ø0.7 ft | 4ft - 398 fc | Ø1.3 ft | 4ft - 204 fc | Ø1.9 ft | 4ft - 124 fc | Ø2.9 ft | |
| 6 ft - 465 fc | Ø1.1 ft | 6ft - 177 fc | Ø1.9 ft | 6ft - 91 fc | Ø2.9 ft | 6ft - 55 fc | Ø4.3 ft | |
| 8 ft - 262 fc | Ø1.5 ft | 8ft - 100 fc | Ø2.5 ft | 8ft - 51 fc | Ø3.8 ft | 8ft - 31 fc | Ø5.8 ft | |
| 10 ft - 168 fc | Ø1.9 ft | 10ft - 64 fc | Ø3.2 ft | 10ft - 33 fc | Ø4.8 ft | 10ft - 20 fc | Ø7.2 ft | |
| CBCP: 16 | 5,799 cd | CBCP: 6,225 cd | | СВО | CP: 3,267 cd | CBCP: 1,909 cd | | |
| × | | 15° - Narrow Spot | | 25° - | Narrow Flood | 40° - Flood | | |
| | | 400-WD-15/350/F | LR-4 | 400-WD- | 25/350/FLR-4 | 400-WD-40/350 | /FLR-4 | |
| WAR | | 2ft - 997 fc | Ø0.8 ft | 2ft - 587 fc | Ø1.0 ft | 2ft - 477 fc | Ø1.3 ft | |
| - 104 | | 4ft - 249 fc | Ø1.6 ft | 4ft - 147 fc | Ø2.1 ft | 4ft - 119 fc | Ø2.6 ft | |
| L U O | | 6ft - 111 fc | Ø2.4 ft | 6ft - 65 fc | Ø3.1 ft | 6ft - 53 fc | Ø4.0 ft | |
| ARD | | 8ft - 62 fc | Ø3.2 ft | 8ft - 37 fc | Ø4.1 ft | 8ft - 30 fc | Ø5.3 ft | |
| A N D | | 10ft - 40 fc | Ø4.0 ft | 10ft - 23 fc | Ø5.1 ft | 10ft - 19 fc | Ø6.6 ft | |
| ν | | CBCP: 3,996 cd | | СВО | CP: 2,354 cd | CBCP: 1,908 cd | | |

Performance shown for 3000K. Output varies by CCT.

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

| DISTANCE | TO WA | ALL . | | | 2.0 |) ft | | | | | 2.5 ft | | | | | |
|--------------|---------------|--------|------|--------|------|------|--------|------|------|--------|--------|------|--------|------|--|--|
| ON CENTER | SPAC | NG | | 2.0 ft | | | 2.5 ft | | | 2.5 ft | | | 3.0 ft | | | |
| | | 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 | 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 | 12.1 | | |
| FROM CEILING | 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 | 20.2 | | | |
| | CEILI | 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 | 17.3 | | |
| | ¥ 0 4.5 ft | 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 | 12.4 | | |
| | | 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 | 8.5 | | |
| | DISTANCE | 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 | 5.8 | | |
| | DIS | 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 | 4.1 | | |
| | | 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 | 3.0 | | |
| | | 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 | 2.2 | | |

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/ FLS-4 TRIM + WW-4 WALL WASH ACCESSORY - FOOTCANDLES ON WALL

| DISTANCE | TO WA | ALL . | | | 2.0 |) ft | | | 2.5 ft | | | | | |
|-----------------|----------|--------|------|--------|------|------|--------|------|--------|--------|------|------|--------|------|
| ON CENTER | SPAC | ING | | 2.0 ft | | | 2.5 ft | | | 2.5 ft | | | 3.0 ft | |
| | | 0.5 ft | 0.4 | 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 | 7.0 |
| CE FROM CEILING | 9 NG | 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 | 14.1 |
| | CEILI | 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 | 12.8 |
| | | 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 | 9.5 |
| | | 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 | 6.6 |
| | DISTANCE | 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 | 4.6 |
| | DIS | 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 | 3.3 |
| | | 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 | 2.4 |
| | | 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 | 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/ FLS-4 TRIM + WW-4 WALL WASH ACCESSORY - FOOTCANDLES ON WALL

| DISTANCE | TO WA | ALL . | | | 2.0 |) ft | | | | | 2.5 | 5 ft | | |
|-----------|----------|--------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|
| ON CENTER | SPACI | NG | | 2.0 ft | | | 2.5 ft | | | 2.5 ft | | | 3.0 ft | |
| | | 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 | 0.1 |
| | 77 | 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 | 6.8 |
| | 9NG | 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 | 13.1 |
| | CEILING | 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 | 12.6 |
| | O H 5 | 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 | 9.6 |
| | | 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 | 6.8 |
| | IANG | 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 | 4.8 |
| | DISTANCE | 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 | 3.4 |
| | | 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 | 2.5 |
| | - | 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 | 1.9 |

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.

| DISTANCE TO WALL ON CENTER SPACING | | | 2.0 ft | | | | | | | 2.5 ft | | | | | | |
|------------------------------------|----------|--------|---------|--------|------------|------------|--------|------------|------------|--------|------------|------------|--------|---------|--|--|
| | | | \odot | 2.0 ft | \bigcirc | \bigcirc | 2.5 ft | \bigcirc | \bigcirc | 2.5 ft | \bigcirc | \bigcirc | 3.0 ft | \odot | | |
| | | 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 | 0.1 | | |
| (\Box) | | 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 | 12.1 | | |
| | р В | 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 | 19.7 | | |
| | CEILING | 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 | 17.0 | | |
| | FROM | 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 | 12.3 | | |
| | | 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 | 8.5 | | |
| | DISTANCE | 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 | 5.9 | | |
| | DIS | 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 | 4.2 | | |
| | | 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 | 3.1 | | |
| | | 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 | 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/ FLR-4 TRIM + WW-4 WALL WASH ACCESSORY - FOOTCANDLES ON WALL

| DISTANCE TO WALL ON CENTER SPACING | | | | | 2.0 |) ft | | | 2.5 ft | | | | | | |
|---------------------------------------|----------|--------|------------|--------|------------|------------|--------|------------|------------|--------|------------|------------|--------|------------|--|
| | | | \bigcirc | 2.0 ft | \bigcirc | \bigcirc | 2.5 ft | \bigcirc | \bigcirc | 2.5 ft | \bigcirc | \bigcirc | 3.0 ft | \bigcirc | |
| | | 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 | 0.2 | |
| (a) | | 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 | 7.8 | |
| | U V | 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 | 14.3 | |
| | CEILING | 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 | 12.9 | |
| | FROM | 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 | 9.5 | |
| | | 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 | 6.7 | |
| | DISTANCE | 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 | 4.7 | |
| | DISI | 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 | 3.3 | |
| | | 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 | 2.4 | |
| | | 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 | 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/ FLR-4 TRIM + WW-4 WALL WASH ACCESSORY - FOOTCANDLES ON WALL

| DISTANCE TO WALL ON CENTER SPACING | | | | | 2.0 |) ft | | 2.5 ft | | | | | | |
|------------------------------------|----------|--------|------------|--------|------------|------------|--------|------------|------------|--------|------------|------------|--------|---------|
| | | | \bigcirc | 2.0 ft | \bigcirc | \bigcirc | 2.5 ft | \bigcirc | \bigcirc | 2.5 ft | \bigcirc | \bigcirc | 3.0 ft | \odot |
| | | 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 | 0.1 |
| (\Box) | | 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 | 8.4 |
| | U V | 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 | 15.4 |
| | CEILING | 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 | 14.3 |
| | FROM | 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 | 10.7 |
| | | 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 | 7.5 |
| | DISTANCE | 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 | 5.3 |
| | DISID | 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 | 3.8 |
| | | 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 | 2.7 |
| | | 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 | 2.0 |

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