200-HD-S NEW CONSTRUCTION ADJUSTABLE LED
FLS-2/FLS-2-BV/FLS-2-WW TRIMS
NON-IC/IC-CP RATED HOUSINGS

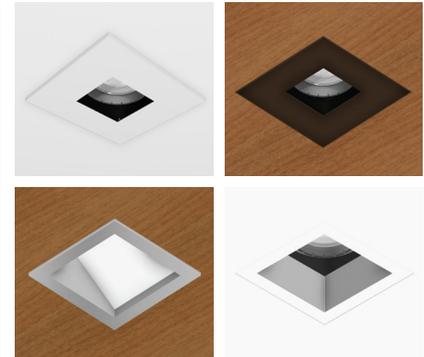| Project Name	
Date	Type
Prepared By	
Comments	
Catalog # **200-HD-** - - - / - /	
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PRODUCT FEATURES

200-HD-S
SQUARE ADJUSTABLE LIGHT ENGINE
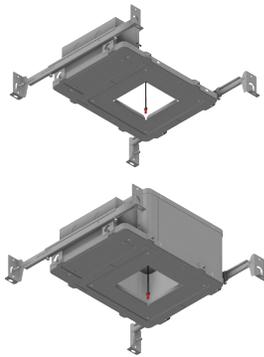
200 SERIES HOUSINGS
TYPE NON-IC or IC-CP RATED for SQUARE TRIMS

200 SERIES TRIMS
FLANGED or FLANGELESS

200-HD-S SPECIFICATION SUMMARY

	Static White				Warm Dimming		
LED Option	**HI-2700**	**HI-3000**	**HI-3500**	**HI-4000**	**WD**	**WD-2**	**WD-4**
Delivered Lumens	1597/1942	1666/2026	1698/2065	1751/2130	747	738	855
System Wattage	19.5/26	19.5/26	19.5/26	19.5/26	14.5	14.5	14.5
Efficacy	82/75	85/79	87/80	90/83	51	50	59
CRI	94	94	94	94	97	97	95
R9	62	64	67	71	81	78	69
CCT	2700K	3000K	3500K	4000K	3000-1800K	2800-2200K	3000-2200K
Color Consistency	2-Step				3-Step		
Optical Options	15, 25, 40, 60				15-NFL, 25-NFL, 40-NFL, 60-NFL		
Optical Accessories	Narrow, Medium, Wide, Extra Wide, Linear Spread				N/A		
Adjustability	0-30° Tilt, 360° Rotation, Lockable						
Driver Options	1% Forward/Reverse Phase (120v), 0.1/1/5% 0-10v (120-277v), 0.1/1% DALI (120-277v), 0.1/1% EcoSystem (120 or 277v)						
Trim Options	Square Flat, Square Bevel, Square Wall-Wash						
Finish Options	White, Oil-Rubbed Bronze, Satin Aluminum, Satin Aluminum w/ White Flange						
Trim Mounting Options	Flanged, Flangeless Sheetrock, Flangeless Wood/Stone						
Trim Accessories	UL Wet Listed Lens Options - Clear, Soft Focus						
Housing Options	New Construction: Type Non-IC, Type IC-CP Rated CCEA Approved Air-Tight						

Performance data shown with FLS-2-BV Trim.
Warm Dimming data shown for 3000K and 2800K.
See Performance Summaries for additional information.

PRODUCT SPECIFIER/PRODUCT ORDER NUMBER

200-HD- — — — — / — /

| LIGHT ENGINE OPTIONS | - | LED OPTIONS | - | OPTIC OPTIONS | OPTICAL ACCESSORIES (Optional)* / | DRIVER OPTIONS | - | OUTPUT |

LIGHT ENGINE OPTIONS

Adjustable NEW CONSTRUCTION Light Engine with 0-30° tilt and 360° rotation for SQUARE BEVEL, FLAT, or WALL WASH trim

200-HD-S
For use with HI LED Options and NIC Housing Options

200-HD-IC-S
For use with HI LED Options and IC-CP Housing Options

200-HD-WD-S
For use with WD LED Options and NIC or IC-CP Housing Options

LED OPTIONS

HI-2700
2700K 94 CRI White

HI-3000
3000K 94 CRI White

HI-3500
3500K 94 CRI White

HI-4000
4000K 94 CRI White

WD
3000-1800K 97 CRI Warm Dim

WD-2
2800-2200K 97 CRI Warm Dim

WD-4
3000-2200K 95 CRI Warm Dim

OPTIC OPTIONS

15*
Narrow Spot

25*
Narrow Flood

40*††
Flood

60*††
Wide Flood

15-NFL-WD†
Spot

25-NFL-WD†
Narrow Flood

40-NFL-WD†
Flood

60-NFL-WD†
Wide Flood

*For use with HI LED options and FLAT or BEVEL trim.

††For use with HI or WD LED options and WALL WASH trim.

†For use with WD LED options and FLAT or BEVEL trim.

OPTICAL ACCESSORIES (Optional)*

NSP
Narrow Softening Lens

NFL
Medium Softening Lens

FL
Wide Softening Lens

WFL
Extra Wide Softening Lens

LS
Linear Spread Softening Lens

*For use with HI LED options and FLAT or BEVEL trim.

DRIVER OPTIONS

DIM1-2
Forward or Reverse-Phase 1% Dimming

DIM2-2*
0-10v 5% Dimming

EL1-2
EldoLED 0-10v 1% Dimming

EL1-01-2
EldoLED 0-10v 0.1% Dimming

EL2-2
EldoLED DALI 1% Dimming

EL2-01-2
EldoLED DALI 0.1% Dimming

LU2-2
Lutron Hi-Lume LDE1 EcoSystem 1% Dimming

LU4-2**
Lutron Hi-Lume PEQ0E EcoSystem 0.1% Dimming

*Not available with 350 output option.

**Not available with 650 output option.

OUTPUT

350
Standard output for WD LED Options and NIC or IC-CP Housing Options

500
High output for HI LED and IC-CP Housing Options

650
High output for HI LED and NIC Housing Options

| TRIM OPTIONS | - | TRIM FINISH | - | TRIM MOUNTING ACCESSORIES (Optional) | - | TRIM ACCESSORIES (Optional) / | HOUSING OPTIONS | - | MOUNTING OPTIONS |

TRIM OPTIONS

FLS-2
4-1/4" SQUARE FLAT trim with 1-7/8" aperture

FLS-2-BV
4-1/4" SQUARE BEVEL trim with 2-1/4" aperture

FLS-2-WW*
4-1/4" SQUARE WALL WASH trim with 2-3/4" angle-cut aperture and wall wash lens

*UL Wet listed. Use with 40° or 60° optic option.

TRIM FINISH

WH
WHITE

OB*
OIL-RUBBED BRONZE

SA*†
SATIN ALUMINUM

SAWH*†
SATIN ALUMINUM with WHITE flange

*Specialty finish

†Not available with FLAT trim option.

TRIM MOUNTING ACCESSORIES (Optional)

FS-2*
SQUARE FLANGELESS trim accessory for flush mounting FLS-2, FLS-2-BV, or FLS-2-WW trims in sheetrock ceiling applications

*For use with NIC-FS or IC-CP-FS housing options only.

TRIM ACCESSORIES (Optional)

CL2*
CLEAR lens

SF2*
SOFT FOCUS lens

*UL Wet listed. Not for use with FLR-2-WW trim options.

HOUSING OPTIONS

NIC-S*
Type Non-IC for SQUARE flanged trim applications

NIC-FS*†
Type Non-IC for SQUARE flangeless trim in sheetrock applications

NIC-FS-W*
Type Non-IC for SQUARE flangeless trim in wood/stone applications

IC-CP-S**
Type IC Chicago Plenum Rated for SQUARE flanged trim applications

IC-CP-FS**†
Type IC Chicago Plenum Rated for SQUARE flangeless trim in sheetrock applications

IC-CP-FS-W**
Type IC Chicago Plenum Rated for SQUARE flangeless trim in wood/stone applications

*For use with 350 or 650 output options only.

**For use with 350 or 500 output options only.

†Requires FS-2 flangeless trim accessory.

MOUNTING OPTIONS

BH
Bar Hangers for joist mounting

BB
Butterfly Brackets for c-channel or bar mounting

TBC-BH
T-Bar Mounting Clips + Bar Hangers for T-Bar mounting

PMB
Panel Mounting Brackets (set of two) for direct mounting to wood panels

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Light Engine, LED, Optic Option, and Accessory Notes
200-HD-S Adjustable NEW CONSTRUCTION light engine with 0-30° tilt and 360° rotation for SQUARE BEVEL, FLAT, or WALL WASH trim. Use for adjustable accent, wall wash, and general lighting applications. 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 one additional optical accessory 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. Outputs vary depending on LED type, trim type, and optical accessories used. For photometric files in PDF and IES formats, see: 8lighting.com/200-series-photometry.

Trim Finish and Accessory 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 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.

Housing and Installation Notes
Type Non-IC housings are rated for installations where insulation is held back a minimum of 3" away from sides and top. Type IC-CP housings are rated for direct contact with standard or spray-foam thermal insulation with a max combined R-Value of R42. Type IC-CP housings meet Washington State Airtight Standard WAC 51-11-0502 and in accordance with ASTM E283 to reduce energy loss and are CCEA plenum rated for City of Chicago environmental air spaces. 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.

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 except with Type Non-IC housing options:
NIC-S, **NIC-FS**, and **NIC-FS-W**.

200-HD-S + NIC-S and IC-CP-S NEW CONSTRUCTION HOUSINGS with FLANGED TRIM INSTALLATION
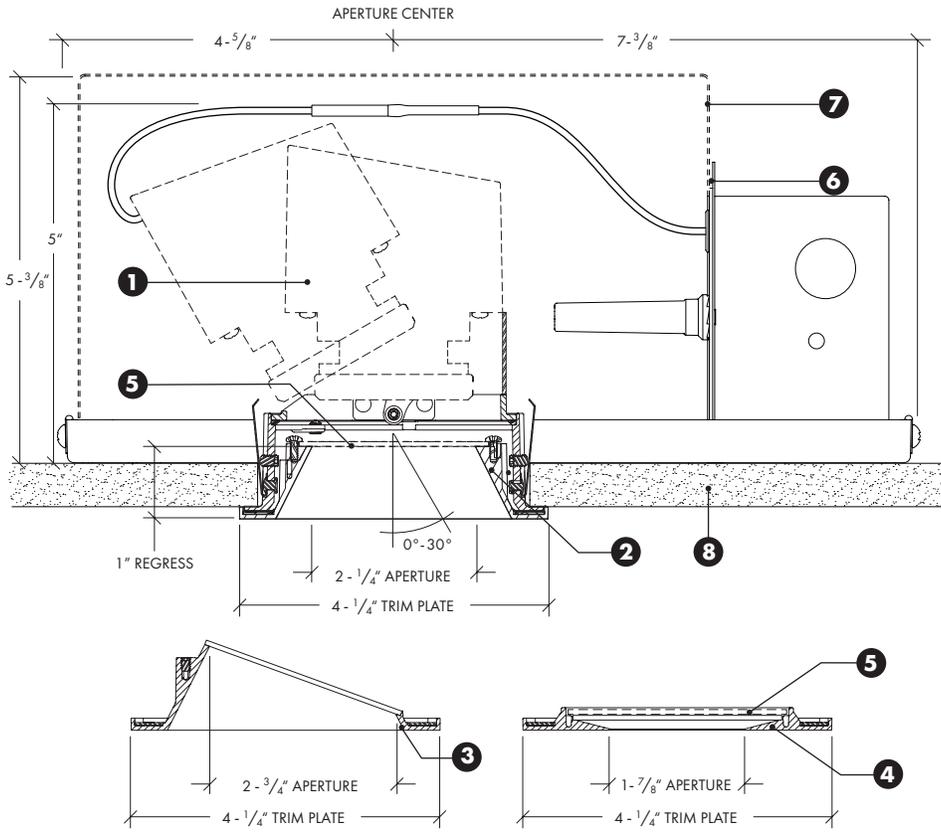
APERTURE CENTER

4 -⁵/₈"   7-³/₈"

5"

5 -³/₈"

1" REGRESS   0°-30°

2 - ¹/₄" APERTURE

4 - ¹/₄" TRIM PLATE

2 - ³/₄" APERTURE

4 - ¹/₄" TRIM PLATE

1- ⁷/₈" APERTURE

4 - ¹/₄" TRIM PLATE

1) **200-HD-S** Adjustable SQUARE Light Engine

2) **FLS-2-BV** Flanged SQUARE BEVEL Trim.

3) **FLS-2-WW** Flanged SQUARE WALL WASH Trim.

4) **FLS-2** Flanged SQUARE FLAT Trim.

5) **CL2/SF2** (Optional) Clear or Soft Focus lens rated for use in DRY, DAMP, or WET locations (covered ceiling applications only).

6) **NIC-S** Type Non-IC housing and power supply for SQUARE light engine and FLANGED trim.

7) **IC-CP-S** (shown dashed) Type IC Rated/Air-tight/CCEA approved housing and power supply for SQUARE light engine and FLANGED trim.

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

200-HD-S + NIC-S and IC-CP-S NEW CONSTRUCTION HOUSINGS with FLANGED TRIM INSTALLATION

NIC-S
Non-IC Housing + Power Supply
12"L* x 9-1/4"W* x 5"H
*Add 3" to length or width to accommodate mounting accessories

BH
Bar Hanger Mounting Option

BB
Butterfly Bracket Mounting Option

TBC
T-BAR Mounting Clip Option

3 -³/₄"x 3 -³/₄" Cut Out

PMB
Panel Mount Bracket Option

200-HD-S
Light Engine

IC-CP-S
IC/CP Rated Housing + Power Supply
12"L* x 9-¹/₄"W* x 5-³/₈"H
*Add 3" to length or width to accommodate mounting accessories

BH
Bar Hanger Mounting Option

BB
Butterfly Bracket Mounting Option

TBC
T-BAR Mounting Clip Option

3 -³/₄"x 3 -³/₄" Cut Out

PMB
Panel Mount Bracket Option

200-HD-S
Light Engine

FLS-2 Trim   **FLS-2-BV** Trim   **FLS-2-WW** Trim

CEILING TYPES: Sheetrock, Wood, Stone & Acoustic Tile │ **CEILING THICKNESS:** ¹/₂" Min to 1-¹/₄" Max │ **CUT-OUT:** 3 -³/₄" x 3 -³/₄"

200-HD-S + NIC-FS and IC-CP-FS with FLANGELESS TRIM INSTALLATION for SHEETROCK CEILINGS

APERTURE CENTER

4 -5/8"   7-3/8"

5"
5-3/8"

❶
❺
❼
❻

0°-30°

1" REGRESS
2-1/4" APERTURE
4-1/4" TRIM PLATE
❷ ❽

2 -3/4" APERTURE
4 -1/4" TRIM PLATE
❸

1-7/8" APERTURE
4 -1/4" TRIM PLATE
❺
❹
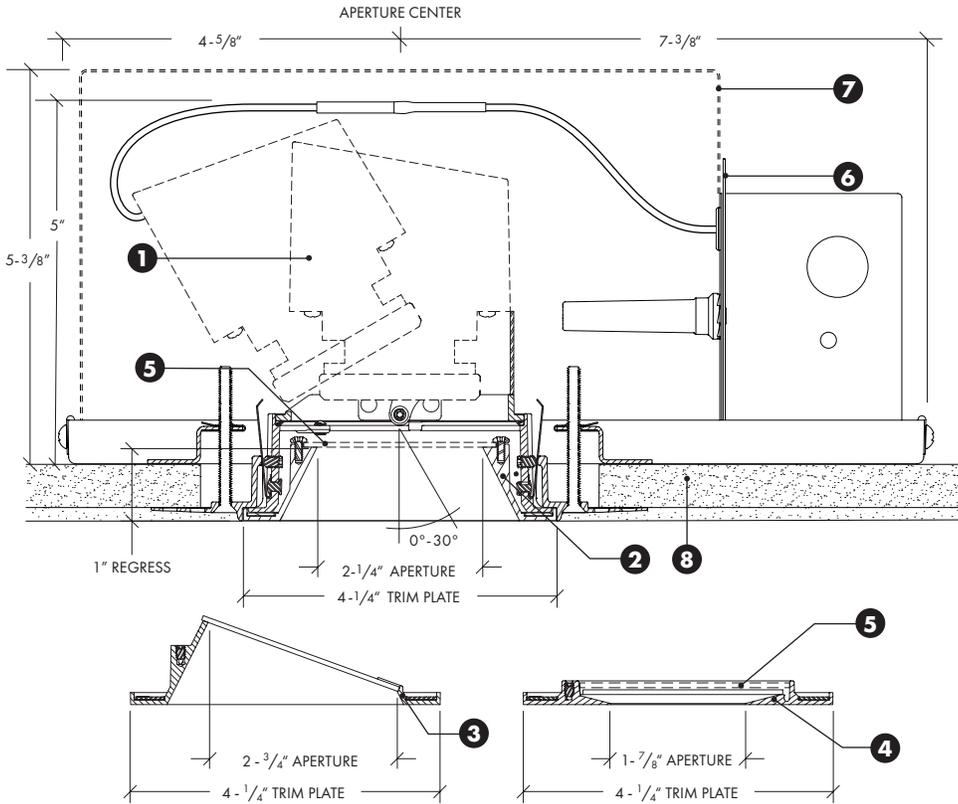
1) **200-HD-S** Adjustable SQUARE Light Engine

2) **FLS-2-BV** Flanged SQUARE BEVEL Trim + **FS-2** SQUARE FLANGELESS trim accessory

3) **FLS-2-WW** Flanged SQUARE WALL WASH Trim (**FS-2** SQUARE FLANGE-LESS trim accessory not shown)

4) **FLS-2** Flanged SQUARE FLAT Trim (**FS-2** SQUARE FLANGELESS trim accessory not shown)

5) **CL2/SF2** (Optional) Clear or Soft Focus lens rated for use in DRY, DAMP, or WET locations (covered ceiling applications only)

6) **NIC-FS** Type Non-IC housing and power supply for SQUARE light engine and FLANGELESS trim in sheetrock ceiling applications

7) **IC-CP-FS** (shown dashed) Type IC Rated/Air-tight/CCEA approved housing and power supply for SQUARE light engine and FLANGELESS trim in sheetrock ceiling applications

8) **Ceiling Material** (Sheetrock) Accommodates ceiling thicknesses from $1/2"$ (min) to $1-1/2"$ (max) without affecting aiming or rotation

200-HD-S + NIC-FS and IC-CP-FS with FLANGELESS TRIM INSTALLATION for SHEETROCK CEILINGS

NIC-FS
Non-IC Housing + Power Supply
12"L* x 9-1/4"W* x 5"H
*Add 3" to length or width to accommodate mounting accessories

BH
Bar Hanger
Mounting Option

BB
Butterfly Bracket
Mounting Option

TBC
T-BAR
Mounting Clip
Option

Irregular 5" Cut Out

PMB
Panel Mount
Bracket Option

FS-2
Flangeless Trim

200-HD-S
Light Engine

IC-CP-FS
IC/CP Rated Housing + Power Supply
12"L* x 9-1/4"W* x 5-3/8"H
*Add 3" to length or width to accommodate mounting accessories

BH
Bar Hanger
Mounting Option

BB
Butterfly Bracket
Mounting Option

TBC
T-BAR
Mounting Clip
Option

Irregular 5" Cut Out

PMB
Panel Mount
Bracket Option

FS-2
Flangeless Trim

200-HD-S
Light Engine

FLS-2 Trim   **FLS-2-BV** Trim   **FLS-2-WW** Trim

CEILING TYPES: Sheetrock | **CEILING THICKNESS:** $1/2"$ Min to $1-1/2"$ Max | **CUT-OUT:** 5" Irregular

200-HD-S + NIC-FS-W and IC-CP-FS-W with FLANGELESS TRIM INSTALLATION for WOOD/STONE CEILINGS
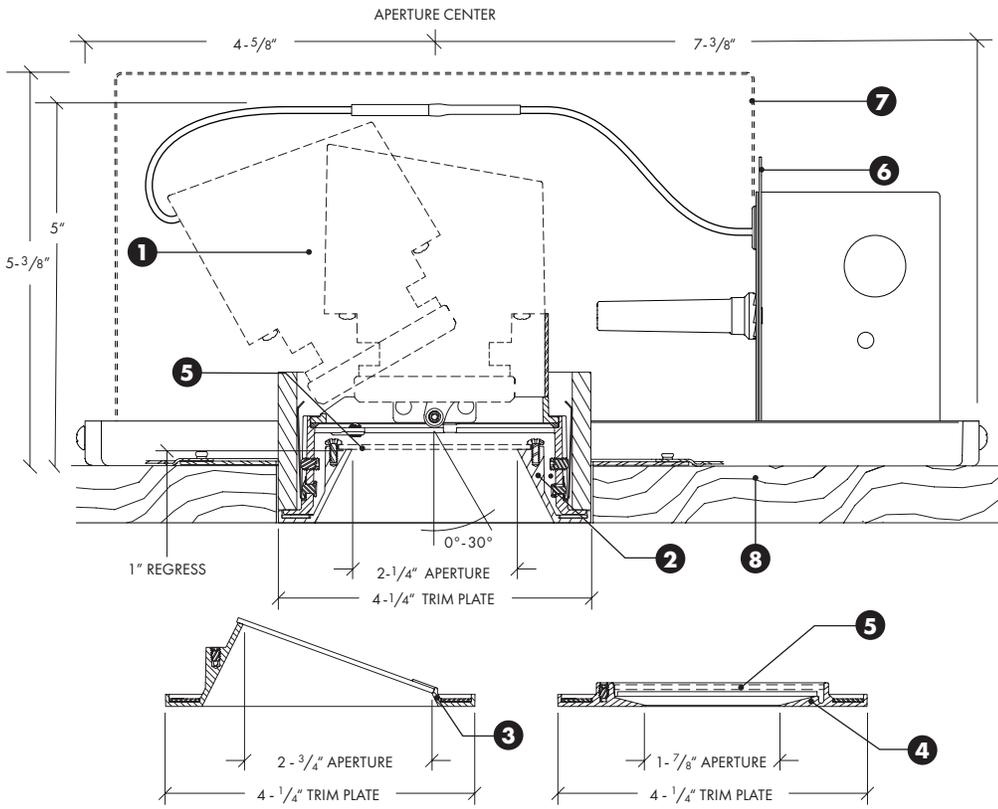
APERTURE CENTER

4 -5/8″

7 -3/8″

5″

5 -3/8″

7

6

1

5

1″ REGRESS

2 -1/4″ APERTURE

0°-30°

4 -1/4″ TRIM PLATE

2

8

2 - 3/4″ APERTURE

4 - 1/4″ TRIM PLATE

3

1 -7/8″ APERTURE

4 - 1/4″ TRIM PLATE

5

4

1) **200-HD-S** Adjustable SQUARE Light Engine

2) **FLS-2-BV** Flanged SQUARE BEVEL Trim

3) **FLS-2-WW** Flanged SQUARE WALL WASH Trim)

4) **FLS-2** Flanged SQUARE FLAT Trim

5) **CL2/SF2** (Optional) Clear or Soft Focus lens rated for use in DRY, DAMP, or WET locations (covered ceiling applications only)

6) **NIC-FS-W** Type Non-IC housing and power supply for SQUARE light engine and FLANGELESS trim in wood/stone ceiling applications

7) **IC-CP-FS-W** (shown dashed) Type IC Rated/Air-tight/CCEA approved housing and power supply for SQUARE light engine and FLANGELESS trim in wood/stone ceiling applications

8) **Ceiling Material** (Wood/Stone) Accommodates ceiling thicknesses from 1/2″ (min) to 1-1/2″ (max) without affecting aiming or rotation

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200-HD-S + NIC-FS-W and IC-CP-FS-W with FLANGELESS TRIM INSTALLATION for WOOD/STONE CEILINGS

NIC-FS-W
Non-IC Housing + Power Supply
12″L* x 9-1/4″W* x 4-1/4″H
*Add 3″ to length or width to accommodate mounting accessories

BH
Bar Hanger
Mounting Option

BB
Butterfly Bracket
Mounting Option

TBC
T-BAR
Mounting Clip
Option

4-5/16″ Cut Out

PMB
Panel Mount
Bracket Option

200-HD-S
Light Engine

IC-CP-FS-W
IC/CP Housing + Power Supply
12″L* x 9-1/4″W* x 5-3/8″H
*Add 3″ to length or width to accommodate mounting accessories

BH
Bar Hanger
Mounting Option

BB
Butterfly Bracket
Mounting Option

TBC
T-BAR
Mounting Clip
Option

4-5/16″ Cut Out

PMB
Panel Mount
Bracket Option

200-HD-S
Light Engine

FLS-2 Trim

FLS-2-BV Trim

FLS-2-WW Trim

CEILING TYPES: Wood/Stone | **CEILING THICKNESS:** 1/2″ Min to 1-1/2″ Max | **CUT-OUT:** 4-5/16″ x 4-5/16″

200-HD-S w/ FLS-2-BV TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-2700	650	2700K	94	62	1630 - 1942	26	62 - 75
HI-2700	500	2700K	94	62	1322 - 1597	19.5	68 - 82
HI-3000	650	3000K	94	64	1701 - 2026	26	65 - 79
HI-3000	500	3000K	94	64	1379 - 1666	19.5	71 - 85
HI-3500	650	3500K	94	67	1733 - 2065	26	66 - 80
HI-3500	500	3500K	94	67	1405 - 1698	19.5	72 - 87
HI-4000	650	4000K	94	71	1787 - 2130	26	68 - 83
HI-4000	500	4000K	94	71	1449 - 1751	19.5	74 - 90
WD	350	3000-1800K	97	81	665 - 747	14.5	46 - 51
WD-2	350	2800-2200K	97	78	662 - 738	14.5	45 - 50
WD-4	350	3000-2200K	95	69	709 - 855	14.5	49 - 59

Performance range for HI LED with 15°, 25°, 40°, and 60° optic options.
Performance range for WD and WD-4 LED at 3000K and WD-2 LED at 2800K with 15-NFL-WD, 25-NFL-WD, 40-NFL-WD, and 60-NFL-WD optic options.

200-HD-S w/ FLS-2-BV TRIM - OPTICAL OPTIONS AND ACCESSORY PERFORMANCE SUMMARY

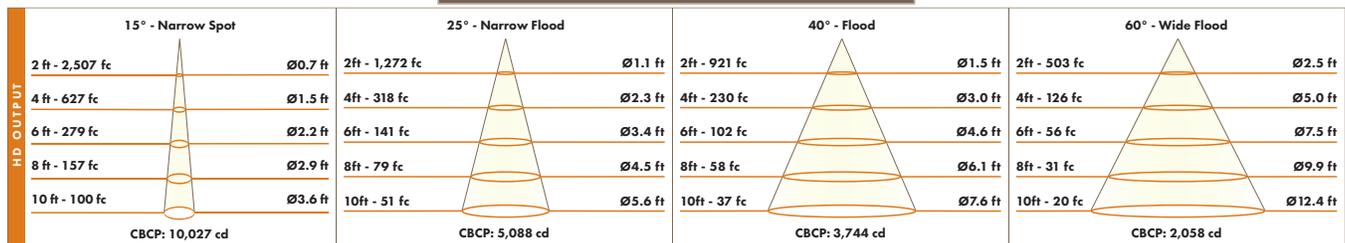| HI-2700, HI-3000, HI-3500, & HI-4000 LED							WD, WD-2, & WD-4 LED	
OPTIC OPTIONS	BEAM ANGLE	BEAM ENHANCING LENS (OPTIONAL)*					OPTIC OPTIONS	BEAM ANGLE
		+ NSP	+ NFL	+ FL	+ WFL	+ LS		
15 Narrow Spot	19°	21°	29°	50°	63°	20 x 49°	15-NFL-WD Spot	29°
25 Narrow Flood	30°	32°	36°	58°	71°	30 x 55°	25-NFL-WD Narrow Flood	37°
40 Flood	38°	39°	42°	n/a	n/a	n/a	40-NFL-WD Flood	44°
60 Wide Flood	61°	61°	61°	n/a	n/a	n/a	60-NFL-WD Wide Flood	62°

*Beam enhancing lens used in combination with HI LED option and 15°, 25°, 40°, or 60° optic to achieve desired beam spread.

200-HD-S w/ FLS-2-BV TRIM - CONE OF LIGHT DIAGRAMS

200-HD-S-HI-3500/650/FLS-2-BV-WH

HD OUTPUT

15° - Narrow Spot
2 ft - 2,507 fc		Ø0.7 ft
4 ft - 627 fc		Ø1.5 ft
6 ft - 279 fc		Ø2.2 ft
8 ft - 157 fc		Ø2.9 ft
10 ft - 100 fc		Ø3.6 ft

CBCP: 10,027 cd

25° - Narrow Flood
2ft - 1,272 fc		Ø1.1 ft
4ft - 318 fc		Ø2.3 ft
6ft - 141 fc		Ø3.4 ft
8ft - 79 fc		Ø4.5 ft
10ft - 51 fc		Ø5.6 ft

CBCP: 5,088 cd

40° - Flood
2ft - 921 fc		Ø1.5 ft
4ft - 230 fc		Ø3.0 ft
6ft - 102 fc		Ø4.6 ft
8ft - 58 fc		Ø6.1 ft
10ft - 37 fc		Ø7.6 ft

CBCP: 3,744 cd

60° - Wide Flood
2ft - 503 fc		Ø2.5 ft
4ft - 126 fc		Ø5.0 ft
6ft - 56 fc		Ø7.5 ft
8ft - 31 fc		Ø9.9 ft
10ft - 20 fc		Ø12.4 ft

CBCP: 2,058 cd

Performance shown for 3500K. Output varies by CCT.

200-HD-IC-S-HI-3500/500/FLS-2-BV-WH

HD-IC OUTPUT

15° - Narrow Spot
2 ft - 2,008 fc		Ø0.7 ft
4 ft - 502 fc		Ø1.5 ft
6 ft - 223 fc		Ø2.2 ft
8 ft - 126 fc		Ø2.9 ft
10 ft - 80 fc		Ø3.7 ft

CBCP: 8,032 cd

25° - Narrow Flood
2ft - 1,024 fc		Ø1.1 ft
4ft - 256 fc		Ø2.3 ft
6ft - 114 fc		Ø3.4 ft
8ft - 64 fc		Ø4.5 ft
10ft - 41 fc		Ø5.6 ft

CBCP: 4,095 cd

40° - Flood
2ft - 764 fc		Ø1.5 ft
4ft - 191 fc		Ø3.0 ft
6ft - 85 fc		Ø4.6 ft
8ft - 48 fc		Ø6.1 ft
10ft - 31 fc		Ø7.6 ft

CBCP: 3,099 cd

60° - Wide Flood
2ft - 415 fc		Ø2.5 ft
4ft - 104 fc		Ø5.0 ft
6ft - 46 fc		Ø7.5 ft
8ft - 26 fc		Ø10.0 ft
10ft - 17 fc		Ø12.4 ft

CBCP: 1,689 cd

Performance shown for 3500K. Output varies by CCT.

200-HD-WD-S-WD/350/FLS-2-BV-WH

WD OUTPUT

15-NFL-WD - Spot
2 ft - 560 fc		Ø1.0 ft
4 ft - 140 fc		Ø2.1 ft
6 ft - 62 fc		Ø3.1 ft
8 ft - 35 fc		Ø4.1 ft
10 ft - 22 fc		Ø5.1 ft

CBCP: 2,242 cd

25-NFL-WD - Narrow Flood
2ft - 356 fc		Ø1.3 ft
4ft - 89 fc		Ø2.6 ft
6ft - 40 fc		Ø4.0 ft
8ft - 22 fc		Ø5.3 ft
10ft - 14 fc		Ø6.6 ft

CBCP: 1,423 cd

40-NFL-WD - Flood
2ft - 316 fc		Ø1.6 ft
4ft - 79 fc		Ø3.2 ft
6ft - 35 fc		Ø4.8 ft
8ft - 20 fc		Ø6.4 ft
10ft - 13 fc		Ø8.0 ft

CBCP: 1,262 cd

60-NFL-WD - Wide Flood
2ft - 194 fc		Ø2.4 ft
4ft - 48 fc		Ø4.8 ft
6ft - 22 fc		Ø7.1 ft
8ft - 12 fc		Ø9.5 ft
10ft - 8 fc		Ø11.9 ft

CBCP: 776 cd

Performance shown for 3000K. Output varies by CCT.

200-HD-S w/ FLS-2 TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-2700	650	2700K	94	62	1330 - 1555	26	51 - 59
HI-2700	500	2700K	94	62	1079 - 1265	19.5	55 - 65
HI-3000	650	3000K	94	64	1387 - 1622	26	53 - 62
HI-3000	500	3000K	94	64	1125 - 1320	19.5	58 - 68
HI-3500	650	3500K	94	67	1414 - 1653	26	54 - 63
HI-3500	500	3500K	94	67	1147 - 1345	19.5	59 - 69
HI-4000	650	4000K	94	71	1458 - 1705	26	56 - 69
HI-4000	500	4000K	94	71	1183 - 1387	19.5	61 - 71
WD	350	3000-1800K	97	81	442 - 593	14.5	30 - 41
WD-2	350	2800-2200K	97	78	431 - 562	14.5	29 - 39
WD-4	350	3000-2200K	95	69	508 - 638	14.5	35 - 44

Performance range for **HI** LED with 15°, 25°, 40°, and 60° optic options.
Performance range for **WD** LED at 3000K and **WD-2** LED at 2800K with 15-NFL-WD, 25-NFL-WD, 40-NFL-WD, and 60-NFL-WD optic options.

200-HD-S w/ FLS-2 TRIM - OPTICAL OPTIONS AND ACCESSORY PERFORMANCE SUMMARY

HI-2700, HI-3000, HI-3500, & HI-4000 LED

OPTIC OPTIONS	BEAM ANGLE	BEAM ENHANCING LENS (OPTIONAL)*				
		+ NSP	+ NFL	+ FL	+ WFL	+ LS
15 Narrow Spot	18°	20°	27°	n/a	n/a	21 x 31°
25 Narrow Flood	29°	30°	33°	n/a	n/a	29 x 43°
40 Flood	37°	38°	39°	n/a	n/a	n/a
60 Wide Flood	46°	46°	45°	n/a	n/a	n/a

WD, WD-2, & WD-4 LED

OPTIC OPTIONS	BEAM ANGLE
15-NFL-WD Spot	27°
25-NFL-WD Narrow Flood	34°
40-NFL-WD Flood	40°
60-NFL-WD Wide Flood	45°

*Beam enhancing lens used in combination with **HI** LED option and 15°, 25°, 40°, or 60° optic to achieve desired beam spread.
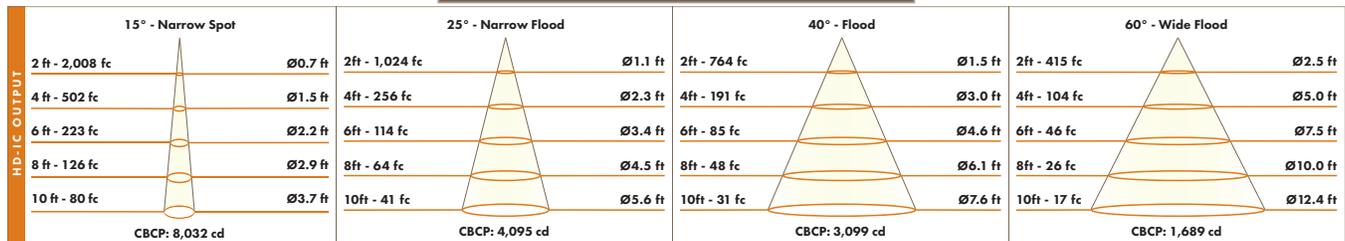
200-HD-S w/ FLS-2 TRIM - CONE OF LIGHT DIAGRAMS
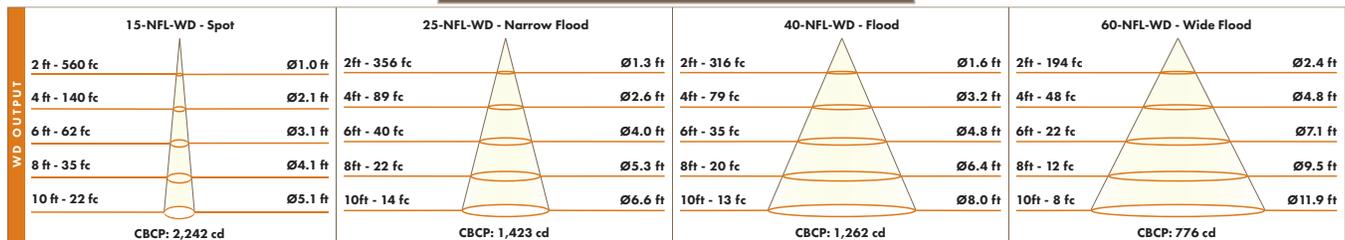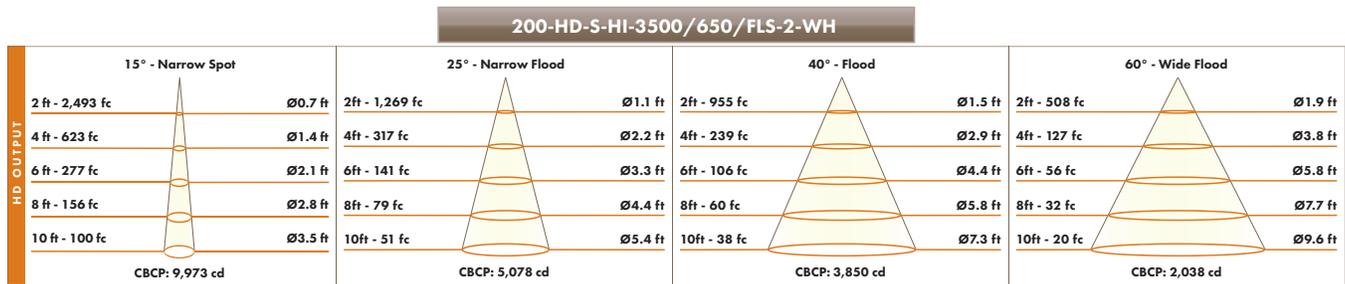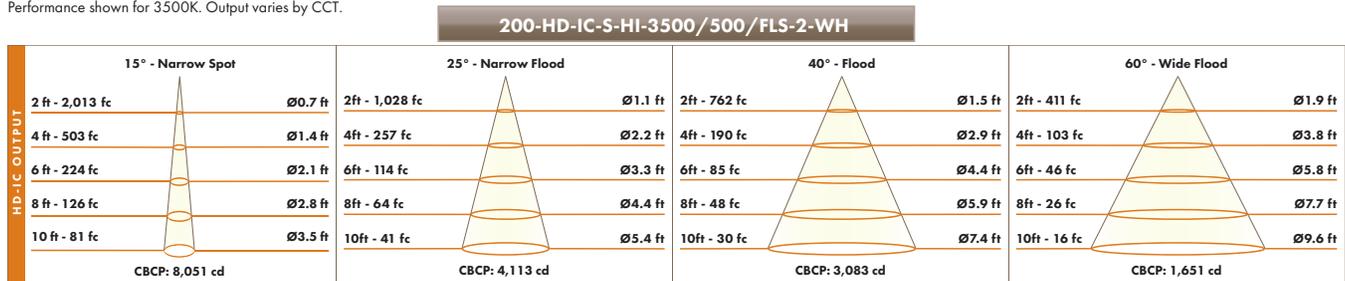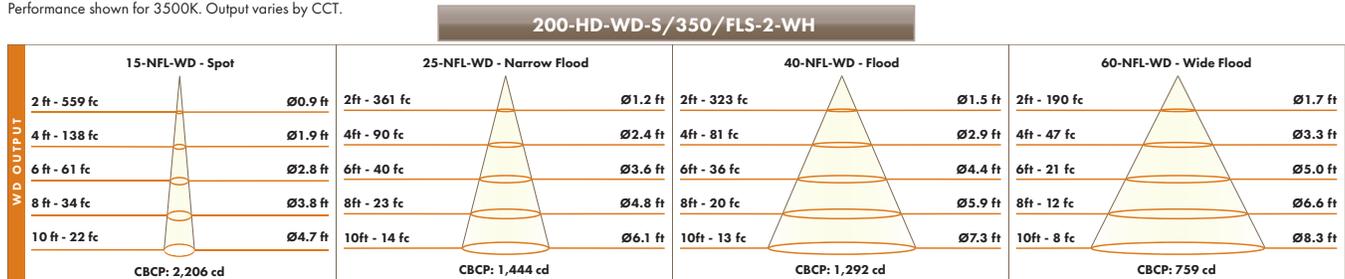
200-HD-S-HI-3500/650/FLS-2-WH

HD OUTPUT

15° - Narrow Spot
2 ft - 2,493 fc	Ø0.7 ft
4 ft - 623 fc	Ø1.4 ft
6 ft - 277 fc	Ø2.1 ft
8 ft - 156 fc	Ø2.8 ft
10 ft - 100 fc	Ø3.5 ft
CBCP: 9,973 cd

25° - Narrow Flood
2ft - 1,269 fc	Ø1.1 ft
4ft - 317 fc	Ø2.2 ft
6ft - 141 fc	Ø3.3 ft
8ft - 79 fc	Ø4.4 ft
10ft - 51 fc	Ø5.4 ft
CBCP: 5,078 cd

40° - Flood
2ft - 955 fc	Ø1.5 ft
4ft - 239 fc	Ø2.9 ft
6ft - 106 fc	Ø4.4 ft
8ft - 60 fc	Ø5.8 ft
10ft - 38 fc	Ø7.3 ft
CBCP: 3,850 cd

60° - Wide Flood
2ft - 508 fc	Ø1.9 ft
4ft - 127 fc	Ø3.8 ft
6ft - 56 fc	Ø5.8 ft
8ft - 32 fc	Ø7.7 ft
10ft - 20 fc	Ø9.6 ft
CBCP: 2,038 cd

Performance shown for 3500K. Output varies by CCT.

200-HD-IC-S-HI-3500/500/FLS-2-WH

HD-IC OUTPUT

15° - Narrow Spot
2 ft - 2,013 fc	Ø0.7 ft
4 ft - 503 fc	Ø1.4 ft
6 ft - 224 fc	Ø2.1 ft
8 ft - 126 fc	Ø2.8 ft
10 ft - 81 fc	Ø3.5 ft
CBCP: 8,051 cd

25° - Narrow Flood
2ft - 1,028 fc	Ø1.1 ft
4ft - 257 fc	Ø2.2 ft
6ft - 114 fc	Ø3.3 ft
8ft - 64 fc	Ø4.4 ft
10ft - 41 fc	Ø5.4 ft
CBCP: 4,113 cd

40° - Flood
2ft - 762 fc	Ø1.5 ft
4ft - 190 fc	Ø2.9 ft
6ft - 85 fc	Ø4.4 ft
8ft - 48 fc	Ø5.9 ft
10ft - 30 fc	Ø7.4 ft
CBCP: 3,083 cd

60° - Wide Flood
2ft - 411 fc	Ø1.9 ft
4ft - 103 fc	Ø3.8 ft
6ft - 46 fc	Ø5.8 ft
8ft - 26 fc	Ø7.7 ft
10ft - 16 fc	Ø9.6 ft
CBCP: 1,651 cd

Performance shown for 3500K. Output varies by CCT.

200-HD-WD-S/350/FLS-2-WH

WD OUTPUT

15-NFL-WD - Spot
2 ft - 559 fc	Ø0.9 ft
4 ft - 138 fc	Ø1.9 ft
6 ft - 61 fc	Ø2.8 ft
8 ft - 34 fc	Ø3.8 ft
10 ft - 22 fc	Ø4.7 ft
CBCP: 2,206 cd

25-NFL-WD - Narrow Flood
2ft - 361 fc	Ø1.2 ft
4ft - 90 fc	Ø2.4 ft
6ft - 40 fc	Ø3.6 ft
8ft - 23 fc	Ø4.8 ft
10ft - 14 fc	Ø6.1 ft
CBCP: 1,444 cd

40-NFL-WD - Flood
2ft - 323 fc	Ø1.5 ft
4ft - 81 fc	Ø2.9 ft
6ft - 36 fc	Ø4.4 ft
8ft - 20 fc	Ø5.9 ft
10ft - 13 fc	Ø7.3 ft
CBCP: 1,292 cd

60-NFL-WD - Wide Flood
2ft - 190 fc	Ø1.7 ft
4ft - 47 fc	Ø3.3 ft
6ft - 21 fc	Ø5.0 ft
8ft - 12 fc	Ø6.6 ft
10ft - 8 fc	Ø8.3 ft
CBCP: 759 cd

Performance shown for 3000K. Output varies by CCT.

200-HD-S w/ FLS-2-WW TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-2700	650	2700K	94	62	1493 - 1530	26	56 - 58
HI-2700	500	2700K	94	62	1210 - 1251	19.5	62 - 64
HI-3000	650	3000K	94	64	1557 - 1596	26	59 - 61
HI-3000	500	3000K	94	64	1262 - 1305	19.5	65 - 67
HI-3500	650	3500K	94	67	1587 - 1627	26	60 - 62
HI-3500	500	3500K	94	67	1286 - 1330	19.5	66 - 68
HI-4000	650	4000K	94	71	1637 - 1678	26	62 - 64
HI-4000	500	4000K	94	71	1326 - 1372	19.5	68 - 70
WD	350	3000-1800K	97	81	682 - 690	14.5	47 - 48
WD-2	350	2800-2200K	97	78	659 - 685	14.5	45 - 47
WD-4	350	3000-2200K	95	69	665 - 709	14.5	46 - 49

Performance range for **HI** LED with 40° and 60° optic options.
Performance range for **WD** and **WD-4** LED at 3000K and **WD-2** LED at 2800K with 40° and 60° optic options.

200-HD-S-HI-3500/650 w/ FLS-2-WW-WH TRIM - FOOTCANDLES ON WALL

OPTIC OPTION		40°					60°					
DISTANCE FROM WALL		2.0 ft			2.5 ft		2.0 ft			2.5 ft		
ON CENTER SPACING		◇	2.5 ft	◇	◇	3.0 ft	◇	◇	2.5 ft	◇	◇	3.0 ft	◇
DISTANCE FROM CEILING	0.5 ft	1.0	1.2	1.0	0.5	0.6	0.5	1.5	1.8	1.5	0.8	1.0	0.8
	1.5 ft	37.0	37.3	37.0	9.5	10.4	9.5	29.4	32.7	29.4	8.0	9.5	8.0
	2.5 ft	81.4	89.4	81.4	46.8	50.9	46.8	63.3	73.3	63.3	36.5	42.3	36.5
	3.5 ft	62.1	69.5	62.1	51.2	57.3	51.2	47.6	54.0	47.6	39.8	45.8	39.8
	4.5 ft	40.1	44.5	40.1	38.9	43.6	38.9	30.7	33.9	30.7	29.8	33.6	29.8
	5.5 ft	25.7	28.0	25.7	27.3	30.3	27.3	19.9	21.5	19.9	20.9	23.0	20.9
	6.5 ft	16.8	18.1	16.8	19.0	20.8	19.0	13.2	14.1	13.2	14.6	15.9	14.6
	7.5 ft	11.4	12.1	11.4	13.4	14.5	13.4	9.1	9.6	9.1	10.4	11.2	10.4
	8.5 ft	8.0	8.3	8.0	9.7	10.3	9.7	6.5	6.8	6.5	7.6	8.1	7.6
	9.5 ft	5.7	6.0	5.7	7.1	7.5	7.1	4.7	4.9	4.7	5.7	6.0	5.7

Performance shown for 3500K. Output varies by CCT.

200-HD-WD-S/350 w/ FLS-2-WW-WH TRIM - FOOTCANDLES ON WALL

OPTIC OPTION		40°					60°					
DISTANCE FROM WALL		2.0 ft			2.5 ft		2.0 ft			2.5 ft		
ON CENTER SPACING		◇	2.5 ft	◇	◇	3.0 ft	◇	◇	2.5 ft	◇	◇	3.0 ft	◇
DISTANCE FROM CEILING	0.5 ft	0.4	0.5	0.4	0.2	0.3	0.2	0.8	0.9	0.8	0.4	0.5	0.4
	1.5 ft	6.2	6.3	6.2	1.8	1.9	1.8	8.4	8.9	8.4	2.5	2.7	2.5
	2.5 ft	18.1	20.0	18.1	8.9	9.4	8.9	20.1	23.2	20.1	10.5	11.8	10.5
	3.5 ft	17.2	19.9	17.2	12.2	14.0	12.2	16.7	19.5	16.7	13.0	15.4	13.0
	4.5 ft	12.8	14.7	12.8	11.0	12.7	11.0	11.4	12.8	11.4	10.5	12.2	10.5
	5.5 ft	9.0	10.2	9.0	8.7	9.9	8.7	7.6	8.3	7.6	7.7	8.7	7.7
	6.5 ft	6.4	7.0	6.4	6.5	7.4	6.5	5.1	5.5	5.1	5.5	6.1	5.5
	7.5 ft	4.6	4.9	4.6	4.9	5.4	4.9	3.6	3.8	3.6	4.0	4.4	4.0
	8.5 ft	3.3	3.6	3.3	3.7	4.1	3.7	2.6	2.7	2.6	3.0	3.2	3.0
	9.5 ft	2.5	2.6	2.5	2.8	3.1	2.8	1.9	2.0	1.9	2.2	2.4	2.2

Performance shown for 3000K. Output varies by CCT.