

HOUSING: **804S-3** - LOW PROFILE MULTI-LAMP LAMP MODULE: **J2S** or **K2S** | LED

Project Name	
Date	Type
Prepared By	
Comments	
Catalog # 804S-3 / - / / L1- - -	
/ L2- - - / L3- - -	



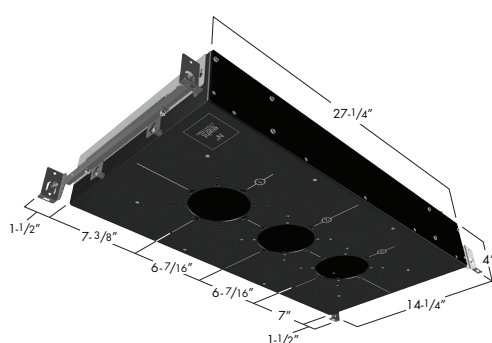
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Doc # 91161-13.2



PRODUCT FEATURES



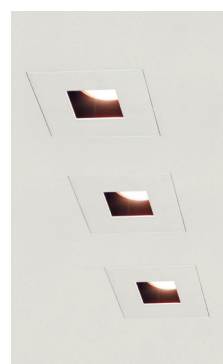
804S-3
LOW PROFILE MULTI-LAMP HOUSING
(shown with BH mounting accessory)



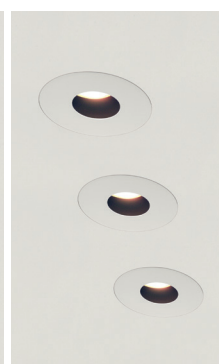
J2S - LED ADJUSTABLE



K2S - LED FIXED POSITION



804S-3 with **FS-P** trim
(Specified separately)



804S-3 with **FR-P** trim
(Specified separately)

804S-3 SPECIFICATION SUMMARY

	Static White Standard Output			Warm Dimming			Tunable White
LED Option	HI	HI-2	HI-3	WD	WD-2	WD-4	TW
Delivered Lumens	3123	3132	2847	2769	2745	2601	3054
System Wattage	42	43.5	45	43.5	43.5	43.5	42
Efficacy	74	72	64	58	58	60	73
CRI	94	94	97	97	97	97	95
R9	60	63	98	82	77	76	79
CCT Options	2700K, 3000K			3000-1800K	2800-2200K	3000-2200K	4700-2200K
Optic Options	15, 25, 40	10	10, 15, 25, 40	15, 25, 40			15T, 25, 40
Color Consistency	2-Step			3-Step			
Optical Accessories	Narrow, Medium, Wide, Extra Wide, Linear Spread, and 2400K, 2700K, 3500K Color Filters						
Adjustability	J2S - 0-45° Tilt, 360° Rotation, Lockable / K2S - Fixed Position						
Driver Options	<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)						
Trim Options	Round/Square Flat, Round/Square Bevel, Round/Square Inset, Round/Square Wall-Wash						
Finish Options	White, Oil-Rubbed Bronze, Pewter, Satin Nickel, Black						
Trim Mounting Options	Flanged, Flangeless Sheetrock, Flangeless Wood						
Trim Accessories	UL Wet Listed and IP54 Rated Lens Options - Clear, Soft Focus, Wall-Wash						
Housing Options	New Construction: Type IC-CP Rated CCEA Approved Air-Tight						

Data shown for Qty. 3 J2S Lamp Modules with FS/FLS/INS-LG/NL trims.
Static White and Tunable White data shown for 3000K.
Warm Dimming data shown for 3000K and 2800K.
See Performance Summaries for additional information.
800 Series Trims specified separately.

PRODUCT SPECIFIER/PRODUCT ORDER NUMBER

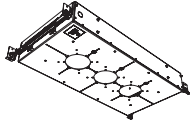
804S-3

HOUSING

DRIVER OPTIONS

OUTPUT

MOUNTING ACCESSORIES



804S-3

New Construction -
Low Profile AIRTIGHT-IC
14 1/4"W x 27 1/4"L* x 4"H†

*Add 3" to length to accommodate mounting accessories.

†Minimum 4-1/2" ceiling space required when used with INSET and BEVEL Series trim assemblies.

PR1-8

Premium Forward or Reverse-Phase
<1% Dimming

EL1-8†

EldoLED 0-10v 1% Dimming

EL1-01-8†

EldoLED 0-10v 0.1% Dimming

EL2-8†

EldoLED DALI 1% Dimming

EL2-01-8†

EldoLED DALI 0.1% Dimming

EL3-8*

EldoLED 2-channel DALI 0.1% Dimming

EL4-8*

EldoLED 2-channel DMX 0.1% Dimming

EL5-8*

EldoLED 2-channel 0-10v 0.1% Dimming

LU2-8

Lutron Hi-Lume LDE1 Eco-System 1% Dimming

LU4-8

Lutron Hi-Lume PEQOE EcoSystem 0.1% Dimming

†Also CE Certified with HI or HI-2 LED options.

*Available with TW LED option only.

350

Standard output for HI-3, HI-3-27, WD, WD-2, or WD-4 LED Options

700†

Standard output for TW LED Option

1000

Standard output for HI, HI-27, HI-2, or HI-2-27 LED Options

†For use with EL3-8, EL4-8, or EL5-8 driver options only.

BH

Bar Hangers for joist mounting

BB

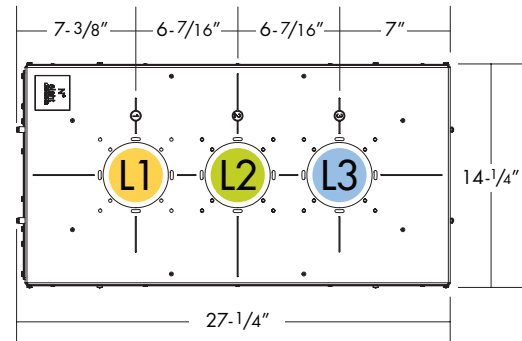
Butterfly Brackets for c-channel or bar mounting

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



A combination Lamp Module, LED, Optic Option, and (optional) Optical Accessory is required for each lamp position. Lamp Modules can be intermixed within the same housing and are independently controllable.

L1-	-	-	-	/	L2-	-	-	-	/	L3-	-	-	-
LAMP MODULE	LED OPTIONS	OPTICAL OPTIONS	OPTICAL ACCESSORY		LAMP MODULE	LED OPTIONS	OPTICAL OPTIONS	OPTICAL ACCESSORY		LAMP MODULE	LED OPTIONS	OPTICAL OPTIONS	OPTICAL ACCESSORY
LAMP MODULE				-	LED OPTIONS				-	OPTICAL OPTIONS			
										OPTICAL ACCESSORIES (Optional)			



J2S
LED ADJUSTABLE
45° tilt, full 360° rotation
with tool-less locking



K2S
LED FIXED POSITION

HI-27

2700K White LED

HI

3000K White LED

HI-2-27*

2700K White LED

HI-2*

3000K White LED

HI-3-27†

2700K White High R9 LED

HI-3†

3000K White High R9 LED

*For use with 10° optic only.

†Available with J2S Lamp Module only.

WD

3000-1800K Warm Dim LED

WD-2

2800-2200K Warm Dim LED

WD-4

3000-2200K Warm Dim LED

TW†

4700-2200K Tunable White LED

10*

10° Very Narrow Spot

15†

15° Narrow Spot

15T**

15° Narrow Spot-Tunable White

25††

25° Narrow Flood

40††

40° Flood

*For use with HI-2 or HI-3 LED options only.

†For use with HI, HI-3, WD, WD-2, or WD-4 LED options only.

**For use with TW LED option only.

††Not for use with HI-2 LED options.

NSP

Narrow Softening Lens

NFL

Medium Softening Lens

FL

Wide Softening Lens

WFL

Extra Wide Softening Lens

LS

Linear Spread Softening Lens

CF24*

2400K Color Filtering Lens

CF27*

2700K Color Filtering Lens

CF35*

3500K Color Filtering Lens

*For use with HI, HI-2, and HI-3 3000K LED options only.

Housing and Installation Notes

804S-3 Low Profile AIRTIGHT IC-Rated for direct contact with standard or spray-foam thermal insulation with a max combined R-Value of R42 (may also be installed in Non-IC applications). Meets Washington State Airtight Standard WAC 51-11-0502 and in accordance with ASTM E283 to reduce energy loss. CCEA plenum rated for City of Chicago environmental air spaces. Ambient temperatures in ceiling space should not exceed 40°C (104°F) during normal operation. For models with **EL1-8**, **EL1-01-8**, **EL2-8**, **EL2-01-8**, or **LU2-8** dimming options, ambient temperatures should not exceed 25°C (77°F). Accepts three **J2S** or **K2S** LED Lamp Modules and three **800 Series** Trim Assemblies. For **800 Series** Trims (specified separately), see 8lighting.com/products-800-series-led.

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/800-series-photometry.

Lamp Module, LED, Optic Option, and Accessory Notes

J2S Fully adjustable lamp module features patented tool-free adjustment mechanism. Use for adjustable accent, wall wash*, and general lighting applications. *For wall washing: specify 40° optic option with **HI**, **HI-3**, **WD**, **WD-2**, **WD-4**, or **TW** LED or 10° optic option and **FL** lens with **HI-2** LED. Requires **WW-8** wall wash accessory, specified with **FS/FR** or **FLS/FLR** (1.75" aperture) **800 Series** trims. **K2S** Fixed position lamp module for 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 two additional optical accessories can be accommodated.

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.

804S-3/J2S w/ FS/FLS/INS 1.75" APERTURE TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	1000	2700K	94	59	2210-2648	42	53-63
HI	1000	3000K	94	60	2376-2847	42	57-68
HI-2-27	1000	2700K	94	62	2865	43.5	66
HI-2	1000	3000K	94	63	3081	43.5	71
HI-3-27	350	2700K	97	96-98	1998-2433	45	45-55
HI-3	350	3000K	97	96-98	2148-2616	45	49-59
WD	350	3000-1800K	97	82	1806-2205	43.5	42-51
WD-2	350	2800-2200K	96	78	1794-2193	43.5	41-50
WD-4	350	3000-2200K	96	76	1944-2301	43.5	45-53
TW	700	4700-2200K	95	79	2016-2829	42	48-67

Performance summary for **HI** LED with 15°, 25°, and 40° optic options, **HI-2** LED with 10° optic option, and **HI-3** LED with 10°, 15°, 25°, and 40° optic options.

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

Performance summary for **TW** LED at 3000K with 15°, 25°, and 40° optic options.

804S-3/J2S w/ FR/FLR/INR 1.75" APERTURE TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	1000	2700K	94	59	2143-2625	42	51-63
HI	1000	3000K	94	60	2304-2823	42	55-67
HI-2-27	1000	2700K	94	62	2837	43.5	65
HI-2	1000	3000K	94	63	3051	43.5	70
HI-3-27	350	2700K	97	96-98	1938-2414	45	44-55
HI-3	350	3000K	97	96-98	2085-2595	45	48-59
WD	350	3000-1800K	97	81	1800-2217	43.5	41-51
WD-2	350	2800-2200K	97	77	2217-1785	43.5	41-51
WD-4	350	3000-2200K	97	76	1884-2250	43.5	43-52
TW	700	4700-2200K	95	79	1935-2754	42	46-66

Performance summary for **HI** LED with 15°, 25°, and 40° optic options, **HI-2** LED with 10° optic option, and **HI-3** LED with 10°, 15°, 25°, and 40° optic options.

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

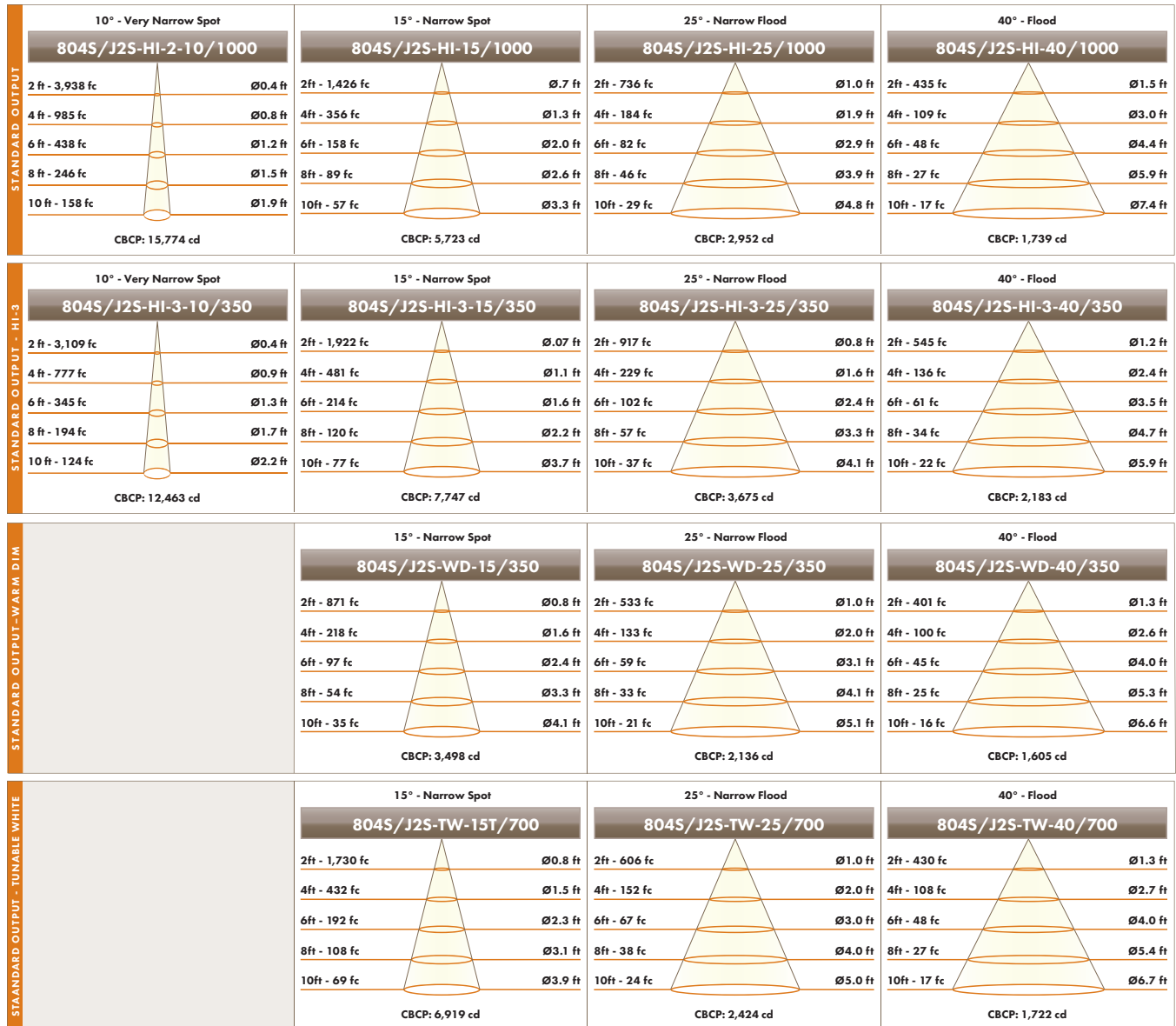
Performance summary for **TW** LED at 3000K with 15°, 25°, and 40° optic options.

804S/J2S w/ 1.75" APERTURE TRIM - 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°	44°	47°	13° x 39°
10° Very Narrow Spot	HI-3	14°	23°	40°	46°	14° x 41°
15° Narrow Spot	HI	21°	30°	45°	51°	21° x 40°
15° Narrow Spot	HI-3	17°	26°	42°	50°	17° x 43°
15° Narrow Spot	WD/WD-2/WD-4	24°	31°	36°	50°	25° x 41°
15° Narrow Spot	TW	21°	27°	37°	38°	25° x 30°
25° Narrow Flood	HI	28°	34°	47°	52°	30° x 39°
25° Narrow Flood	HI-3	24°	30°	47°	52°	24° x 49°
25° Narrow Flood	WD/WD-2/WD-4	29°	34°	46°	52°	32° x 38°
25° Narrow Flood	TW	28°	37°	46°	50°	29° x 43°
40° Flood	HI	41°	43°	43°	59°	40° x 52°
40° Flood	HI-3	33°	37°	49°	54°	32° x 51°
40° Flood	WD/WD-2/WD-4	37°	40°	49°	54°	37° x 47°
40° Flood	TW	37°	40°	49°	54°	36° x 48°

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

804S/J2S w/ F5/FLS/INS 1.75" APERTURE TRIM - CONE OF LIGHT DIAGRAMS



Note: Performance shown for individual lamp modules at 3000K. Output varies by CCT.

804S-3/J2S w/ FS/FLS/INS-LG/NL 2.75" APERTURE TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	1000	2700K	94	59	2514-2904	42	60-69
HI	1000	3000K	94	60	2703-3123	42	64-74
HI-2-27	1000	2700K	94	62	2913	43.5	67
HI-2	1000	3000K	94	63	3132	43.5	72
HI-3-27	350	2700K	97	96-98	2280-2649	45	52-60
HI-3	350	3000K	97	96-98	2451-2847	45	56-64
WD	350	3000-1800K	97	82	2181-2511	43.5	50-58
WD-2	350	2800-2200K	96	77	2184-2502	43.5	50-58
WD-4	350	3000-2200K	97	76	2307-2601	43.5	53-60
TW	700	4700-2200K	95	79	2409-3054	42	57-73

Performance summary for **HI** LED with 15°, 25°, and 40° optic options, **HI-2** LED with 10° optic option, and **HI-3** LED with 10°, 15°, 25°, and 40° optic options.

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

Performance summary for **TW** LED at 3000K with 15°, 25°, and 40° optic options.

804S-3/J2S w/ FR/FLR/INR-LG/NL 2.75" APERTURE TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	1000	2700K	94	59	2539-2927	42	60-70
HI	1000	3000K	94	60	2730-3147	42	65-75
HI-2-27	1000	2700K	94	62	2927	43.5	67
HI-2	1000	3000K	94	63	3147	43.5	72
HI-3-27	350	2700K	97	96-98	2298-2568	45	52-58
HI-3	350	3000K	97	96-98	2472-2760	45	56-62
WD	350	3000-1800K	97	81	2235-2586	43.5	51-59
WD-2	350	2800-2200K	97	77	2223-2547	43.5	51-59
WD-4	350	3000-2200K	97	76	2316-2604	43.5	53-60
TW	700	4700-2200K	95	79	2382-3102	42	57-74

Performance summary for **HI** LED with 15°, 25°, and 40° optic options, **HI-2** LED with 10° optic option, and **HI-3** LED with 10°, 15°, 25°, and 40° optic options.

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

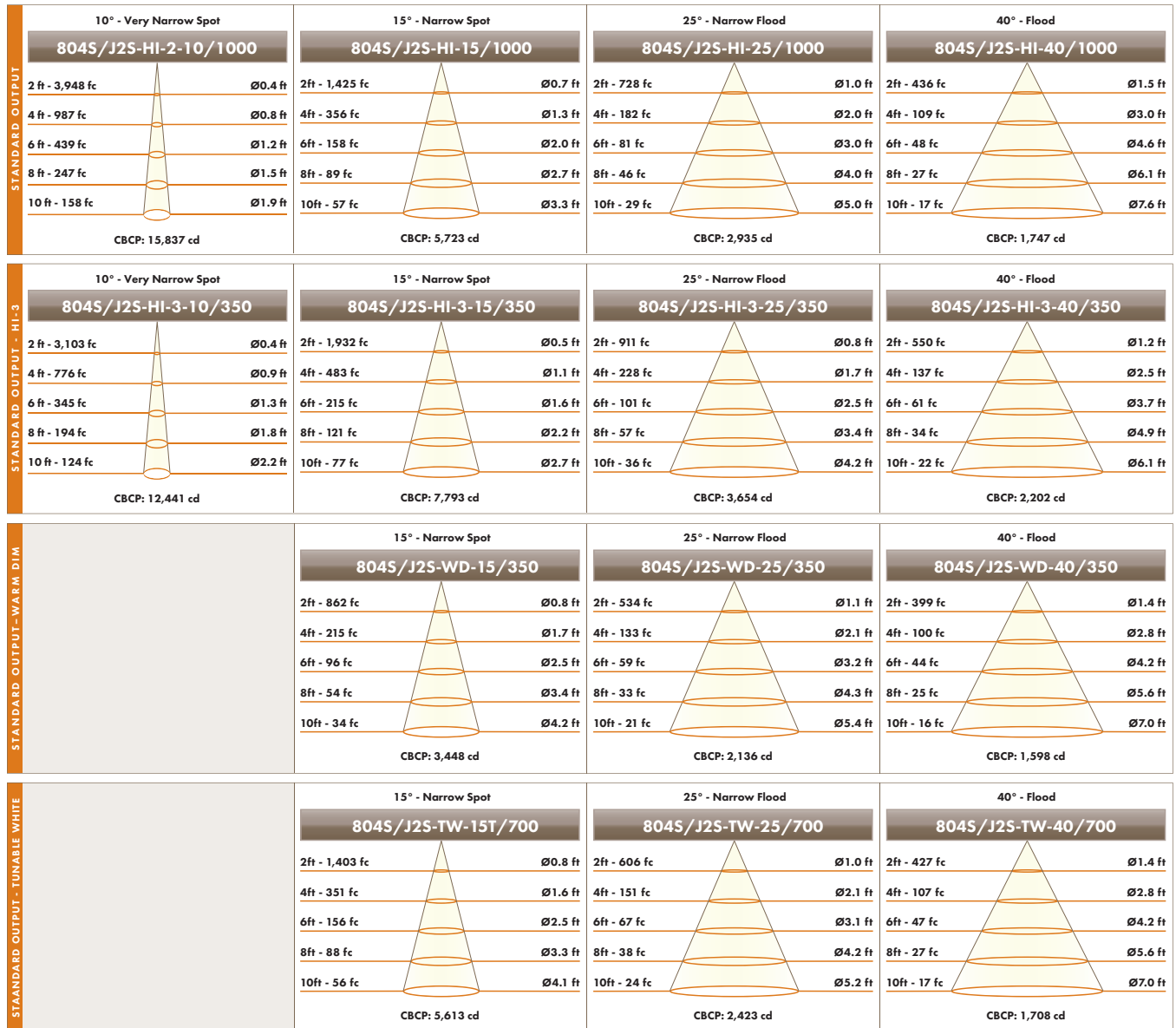
Performance summary for **TW** LED at 3000K with 15°, 25°, and 40° optic options.

804S/J2S w/ 2.75" APERTURE TRIM - 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°	24°	43°	47°	13° x 39°
10° Very Narrow Spot	HI-3	14°	24°	48°	58°	14° x 51°
15° Narrow Spot	HI	21°	31°	54°	67°	22° x 48°
15° Narrow Spot	HI-3	17°	27°	51°	62°	17° x 51°
15° Narrow Spot	WD/WD-2/WD-4	24°	33°	54°	66°	26° x 48°
15° Narrow Spot	TW	23°	30°	48°	54°	27° x 34°
25° Narrow Flood	HI	29°	37°	57°	71°	30° x 55°
25° Narrow Flood	HI-3	24°	32°	55°	65°	25° x 60°
25° Narrow Flood	WD/WD-2/WD-4	31°	38°	58°	70°	70° x 71°
25° Narrow Flood	TW	30°	37°	57°	69°	31° x 53°
40° Flood	HI	42°	45°	46°	80°	41° x 63°
40° Flood	HI-3	34°	35°	62°	71°	34° x 65°
40° Flood	WD/WD-2/WD-4	39°	44°	64°	77°	76° x 77°
40° Flood	TW	38°	43°	63°	76°	37° x 61°

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

804S/J2S_w/FS/FLS/INS-LG/NL 2.75" APERTURE TRIM - CONE OF LIGHT DIAGRAMS



Note: Performance shown for individual lamp modules at 3000K. Output varies by CCT.

804S-3/K2S_w/ FS/FLS/INS-LG/NL 2.75" APERTURE TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	1000	2700K	94	59	2561-2977	42	61-71
HI	1000	3000K	94	60	2754-3201	42	66-76
HI-2-27	1000	2700K	94	62	3075	43.5	71
HI-2	1000	3000K	94	63	3306	43.5	76
WD	350	3000-1800K	97	81	2220-2613	43.5	51-60
WD-2	350	2800-2200K	97	78	2217-2583	43.5	51-59
WD-4	350	3000-2200K	97	76	2364-2748	43.5	54-63

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.

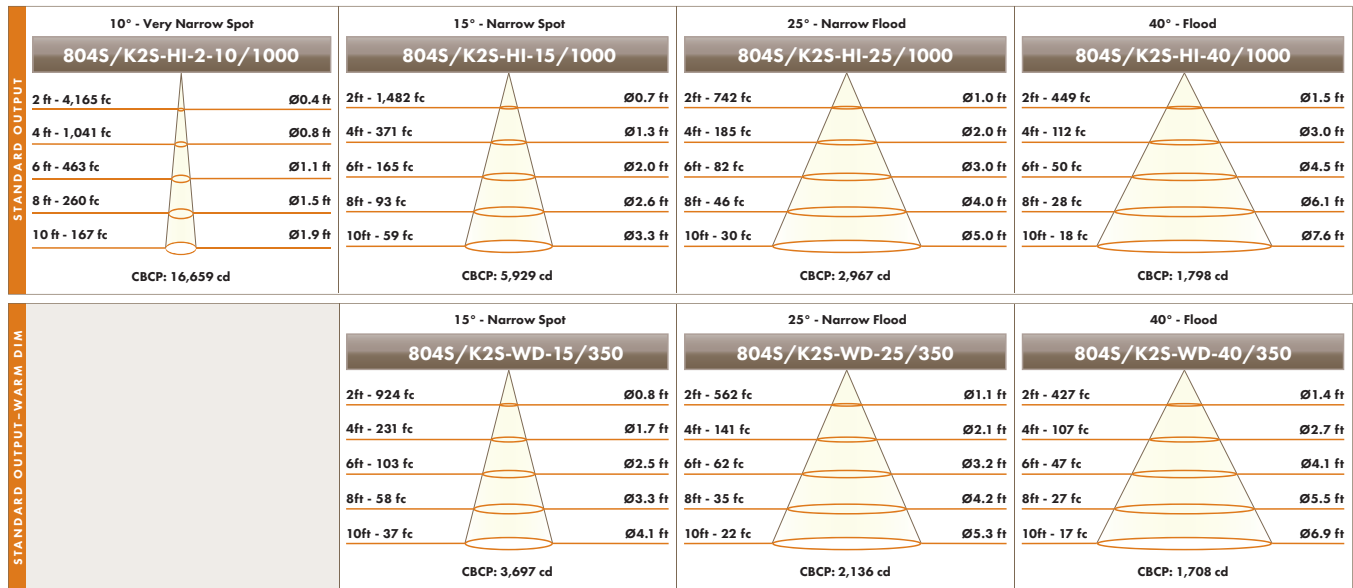
804S-3/K2S_w/ FR/FLR/INR-LG/NL 2.75" APERTURE TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	1000	2700K	94	59	2547-2938	42	61-71
HI	1000	3000K	94	60	2739-3159	42	65-75
HI-2-27	1000	2700K	94	62	3044	43.5	70
HI-2	1000	3000K	94	63	3273	43.5	75
WD	350	3000-1800K	97	81	2271-2676	43.5	52-62
WD-2	350	2800-2200K	97	78	2229-2631	43.5	51-60
WD-4	350	3000-2200K	97	76	2325-2667	43.5	53-61

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.

804S/K2S_w/ FS/FLS/INS-LG-NL 2.75" APERTURE TRIM - CONE OF LIGHT DIAGRAMS



Note: Performance shown for individual lamp modules at 3000K. Output varies by CCT.

804S-3/K2S w/ FS/FLS/INS-LG/NL 2.75" APERTURE TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	1000	2700K	94	59	2773-3125	42	66-74
HI	1000	3000K	94	60	2982-3360	42	71-80
HI-2-27	1000	2700K	94	62	3150	43.5	72
HI-2	1000	3000K	94	63	3387	43.5	78
WD	350	3000-1800K	97	81	2463-2769	43.5	57-64
WD-2	350	2800-2200K	97	78	2457-2745	43.5	56-63
WD-4	350	3000-2200K	97	76	2583-2892	43.5	59-66

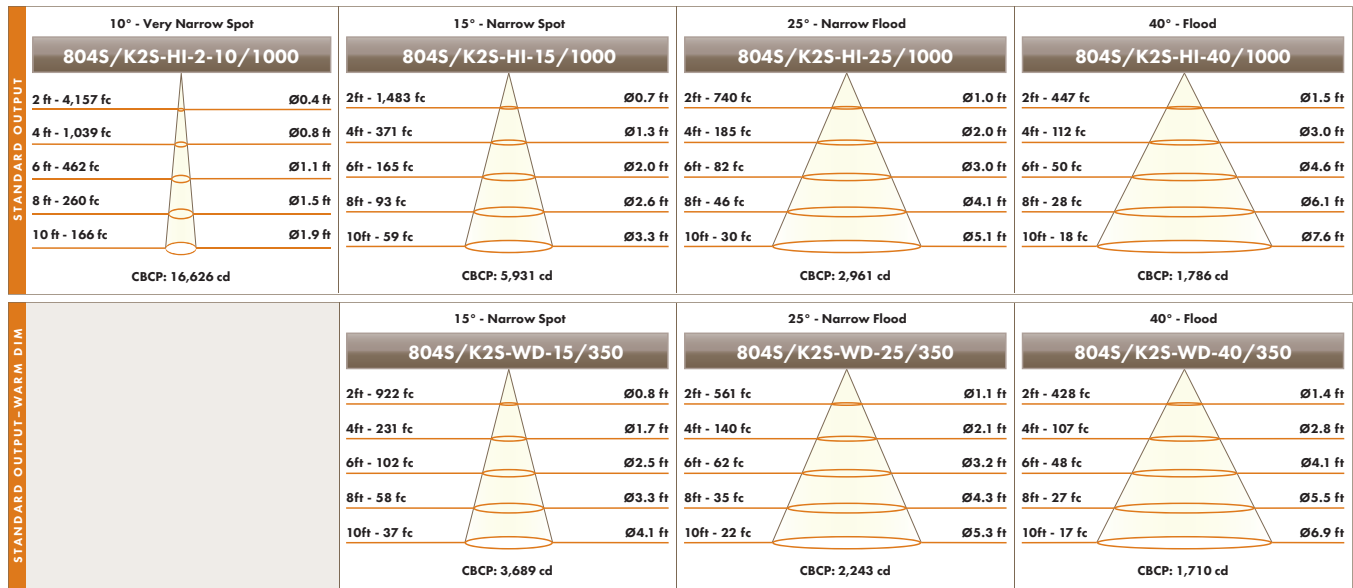
Performance summary for **HI** LED with 15°, 25°, and 40° optic options and **HI-2** LED with 10° optic option.
 Performance summary for **WD** and **WD-4** LED at 3000K and **WD-2** LED at 2800K with 15°, 25°, and 40° optic options.

804S-3/K2S w/ FR/FLR/INR-LG/NL 2.75" APERTURE TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	1000	2700K	94	59	2776-3155	42	66-75
HI	1000	3000K	94	60	2985-3393	42	71-81
HI-2-27	1000	2700K	94	62	3116	43.5	72
HI-2	1000	3000K	94	63	3351	43.5	77
WD	350	3000-1800K	97	81	2559-2871	43.5	59-66
WD-2	350	2800-2200K	97	78	2514-2796	43.5	58-64
WD-4	350	3000-2200K	97	76	2589-2859	43.5	59-66

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.

804S/K2S w/ FS/FLS/INS-LG/NL 2.75" APERTURE TRIM - CONE OF LIGHT DIAGRAMS



Note: Performance shown for individual lamp modules at 3000K. Output varies by CCT.

804S-3/J2S w/ FS/FLS-WW-8 1.75" APERTURE TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	OPTIC OPTION	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	1000	40	2700K	94	57	1850	42	44
HI	1000	40	3000K	94	58	1989	42	47
HI-2-27	1000	10-FL	2700K	94	61	1412	44	32
HI-2	1000	10-FL	3000K	94	62	1518	44	35
HI-3-27	350	40	2700K	97	98	1692	45	38
HI-3	350	40	3000K	97	98	1818	45	41
WD	350	40	3000-1800K	97	83	1596	44	37
WD-2	350	40	2800-2200K	97	78	1584	44	36
WD-4	350	40	3000-2200K	97	76	1665	44	38
TW	700	40	4700-2200K	96	80	1704	42	41

Performance summary for TW, WD, and WD-4 LED at 3000K and WD-2 LED at 2800K.

804S/J2S-HI-40/1000 w/ FS/FLS TRIM + WW-8 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	1.0	1.1	1.0	0.9	0.8	0.9	0.3	0.3	0.3	0.3	0.2	0.3
		1.5 ft	27.3	31.0	27.3	25.1	25.0	25.1	13.4	14.8	13.4	12.6	12.1	12.6
		2.5 ft	28.0	32.6	28.0	25.2	28.8	25.2	19.6	22.8	19.6	18.1	20.0	18.1
		3.5 ft	18.4	20.8	18.4	16.7	19.3	16.7	16.1	18.7	16.1	14.8	17.2	14.8
		4.5 ft	11.3	12.4	11.3	10.5	11.8	10.5	11.2	12.7	11.2	10.4	12.0	10.4
		5.5 ft	7.1	7.6	7.1	6.7	7.3	6.7	7.6	8.4	7.6	7.1	8.0	7.1
		6.5 ft	4.6	4.9	4.6	4.4	4.8	4.4	5.2	5.6	5.2	4.9	5.4	4.9
		7.5 ft	3.1	3.3	3.1	3.0	3.2	3.0	3.6	3.9	3.6	3.5	3.8	3.5
		8.5 ft	2.2	2.3	2.2	2.2	2.3	2.2	2.6	2.8	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 HI LED option, use 40° optic and 20° aiming angle for optimal performance. Data shown for individual lamp modules at 3000K. Output varies by CCT.

804S/J2S-WD-40/350 w/ FS/FLS TRIM + WW-8 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	1.1	1.4	1.1	1.0	0.9	1.0	0.3	0.4	0.3	0.3	0.3	
		1.5 ft	21.8	25.5	21.8	19.8	20.3	19.8	10.5	12.0	10.5	9.7	9.8	9.7
		2.5 ft	23.8	28.4	23.8	21.2	24.9	21.2	16.3	19.5	16.3	14.9	17.0	14.9
		3.5 ft	16.0	18.2	16.0	14.4	16.9	14.4	13.8	16.3	13.8	12.6	14.9	12.6
		4.5 ft	9.8	10.8	9.8	9.1	10.3	9.1	11.1	11.1	11.1	9.0	10.5	9.0
		5.5 ft	6.2	6.6	6.2	5.8	6.4	5.8	7.3	7.3	7.3	6.2	7.0	6.2
		6.5 ft	4.0	4.2	4.0	3.8	4.1	3.8	4.9	4.9	4.9	4.3	4.7	4.3
		7.5 ft	2.7	2.8	2.7	2.7	2.8	2.7	3.4	3.4	3.4	3.0	3.3	3.0
		8.5 ft	1.9	2.0	1.9	1.9	2.0	1.9	2.4	2.4	2.4	2.2	2.4	2.2
		9.5 ft	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.8	1.7	1.6	1.7	1.6

Note: With WD, WD-2, or WD-4 LED option, use 40° optic and 20° aiming angle for optimal performance. Data shown for individual lamp modules at 3000K. Output varies by CCT.

804S-3/J2S w/ FR/FLR-WW-8 1.75" APERTURE TRIM - PERFORMANCE SUMMARY

LED	OUTPUT	OPTIC OPTION	CCT	CRI	R9	Delivered Lumens	System Wattage	Delivered LPW
HI-27	1000	40	2700K	94	57	1635	42	39
HI	1000	40	3000K	94	58	1758	42	42
HI-2-27	1000	10-FL	2700K	94	61	1261	44	29
HI-2	1000	10-FL	3000K	94	62	1356	44	31
HI-3-27	350	40	2700K	97	98	1539	45	35
HI-3	350	40	3000K	97	98	1656	45	38
WD	350	40	3000-1800K	97	83	1437	44	33
WD-2	350	40	2800-2200K	97	78	1440	44	33
WD-4	350	40	3000-2200K	97	78	1518	44	35
TW	700	40	4700-2200K	96	79	1566	42	37

Performance summary for TW, WD, and WD-4 LED at 3000K and WD-2 LED at 2800K.

804S/J2S-HI-40/1000 w/ FR/FLR TRIM + WW-8 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	0.8	0.8	0.8	0.8	0.5	0.8	0.2	0.2	0.2	0.2	0.2	0.2
		1.5 ft	25.1	29.1	25.1	22.8	23.2	22.8	12.1	13.6	12.1	11.3	10.9	11.3
		2.5 ft	26.4	31.0	26.4	23.7	27.1	23.7	18.2	21.4	18.2	16.7	18.7	16.7
		3.5 ft	17.7	20.2	17.7	16.0	18.7	16.0	15.3	17.9	15.3	14.0	16.3	14.0
		4.5 ft	10.9	12.0	10.9	10.1	11.4	10.1	10.8	12.3	10.8	10.0	11.6	10.0
		5.5 ft	6.8	7.3	6.8	6.4	7.1	6.4	7.3	8.1	7.3	6.9	7.8	6.9
		6.5 ft	4.4	4.7	4.4	4.2	4.6	4.2	5.0	5.4	5.0	4.7	5.2	4.7
		7.5 ft	3.0	3.1	3.0	2.9	3.1	2.9	3.5	3.7	3.5	3.3	3.6	3.3
		8.5 ft	2.1	2.2	2.1	2.0	2.1	2.0	2.5	2.6	2.5	2.4	2.6	2.4
		9.5 ft	1.5	1.6	1.5	1.5	1.5	1.5	1.8	1.9	1.8	1.8	1.9	1.8

Note: With HI LED option, use 40° optic and 20° aiming angle for optimal performance. Data shown for individual lamp modules at 3000K. Output varies by CCT.

804S/J2S-WD-40/350 w/ FR/FLR TRIM + WW-8 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	1.1	1.0	1.1	1.0	0.7	1.0	0.4	0.3	0.4	0.3	0.2	0.3
		1.5 ft	19.3	21.6	19.3	17.5	17.5	17.5	9.1	10.0	9.1	8.5	8.1	8.5
		2.5 ft	22.1	25.3	22.1	19.7	22.3	19.7	14.8	16.8	14.8	13.5	14.6	13.5
		3.5 ft	15.3	17.1	15.3	13.7	16.0	13.7	13.0	14.8	13.0	11.8	13.5	11.8
		4.5 ft	9.5	10.3	9.5	8.7	9.9	8.7	9.3	10.4	9.3	8.6	9.9	8.6
		5.5 ft	6.0	6.4	6.0	5.6	6.2	5.6	6.4	7.0	6.4	6.0	6.7	6.0
		6.5 ft	3.9	4.1	3.9	3.7	4.0	3.7	4.4	4.7	4.4	4.2	4.6	4.2
		7.5 ft	2.6	2.7	2.6	2.5	2.7	2.5	3.1	3.2	3.1	2.9	3.2	2.9
		8.5 ft	1.9	1.9	1.9	1.8	1.9	1.8	2.2	2.3	2.2	2.1	2.3	2.1
		9.5 ft	1.3	1.4	1.3	1.3	1.4	1.3	1.6	1.7	1.6	1.6	1.7	1.6

Note: With WD, WD-2, or WD-4 LED option, use 40° optic and 20° aiming angle for optimal performance. Data shown for individual lamp modules at 3000K. Output varies by CCT.