

HOUSING: **804S** – LOW PROFILE LAMP MODULE: **J2S** – ADJUSTABLE | LED

Project Name	
Date	Type
Prepared By	
Comments	
Catalog # 804S/J2S – – / – /	



**N^o
eight
LIGHTING**

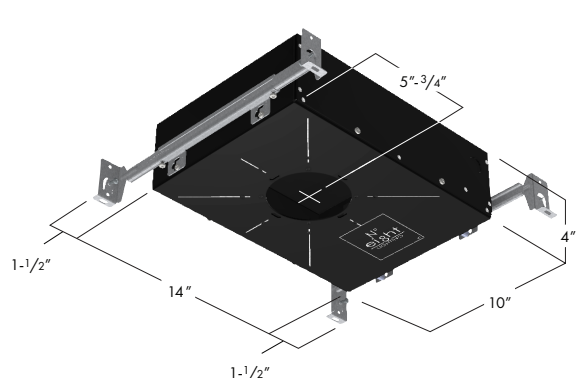
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All No. 8 Lighting fixtures and components are UL Listed to both U.S. and Canadian requirements. Select 804S Series fixtures and components are also CE Certified. No. 8 Lighting trims and lamp modules are protected by one or more U.S. Patents. No. 8 Lighting reserves the right to change details of design, materials, and finish.

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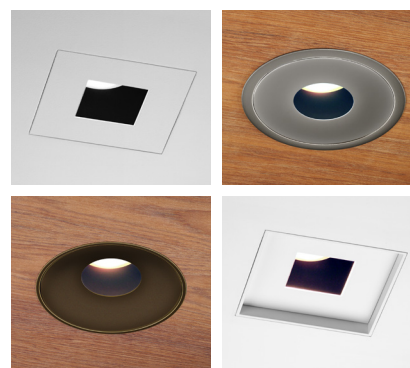

PRODUCT FEATURES



804S - LOW PROFILE HOUSING
(Shown with BH mounting accessory)



J2S - LED ADJUSTABLE



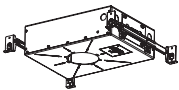
800 SERIES TRIMS
(Specified separately)

804S/J2S SPECIFICATION SUMMARY

	Static White Standard Output			Static White High Output	Warm Dimming			Tunable White
LED Option	HI	HI-2	HI-3	HI	WD	WD-2	WD-4	TW
Delivered Lumens	1041	1044	949	1357	837	834	867	1018
System Wattage	14	14.5	14.7	20	14.5	14.5	14.5	14
Efficacy	74	72	64	68	58	58	58	73
CRI	94	94	97	93	97	97	97	95
R9	60	63	98	58	82	77	77	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	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	0-45° Tilt, 360° Rotation, Lockable							
Driver Options	<1% Forward/Reverse Phase (120v), 0.1/1% 0-10v (120-277v), 0.1/1% DALI (120-277v), 0.1% DMX (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 Non-IC Air-Tight, Type IC-CP Rated CCEA Approved Air-Tight							

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

PRODUCT SPECIFIER/PRODUCT ORDER NUMBER

804S / J2S - - - - - / - - - - - /									
HOUSING	LAMP MODULE	LED OPTIONS	OPTIC OPTIONS	OPTICAL ACCESSORIES (Optional)		DRIVER OPTIONS	OUTPUT	MOUNTING ACCESSORIES	
 804S New Construction – Low Profile AIRTIGHT-IC and Non-IC Rated 10"W* x 14"L* x 4"H† *Add 3" to length or width to accommodate mounting accessories. †Minimum 4 -1/2" ceiling space required when used with INSET and BEVEL Series trim assemblies.	LED ADJUSTABLE  J2S 45° tilt, full 360° rotation with tool-less locking vertical and horizontal adjustment	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 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 *For use with 10° optic only. †Available in standard output only.	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.		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 4-channel DMX 0.1% Dimming EL5-8* EldoLED 2-channel 0-10v 0.1% Dimming LU2-8 Lutron Hi-Lume LDE1 EcoSystem 1% Dimming LU4-8 Lutron Hi-Lume PEQOE EcoSystem 0.1% Dimming *Available with TW LED option only. †Also CE Certified with HI or HI-2 LED options.	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 1400* High output for HI or HI-27 LED Options †For use with EL3-8, EL4-8, or EL5-8 dimming options only. *Non-IC only. Not available w/ LU2-8 or LU4-8 dimming 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	

Housing and Installation Notes

804S Low Profile universal IC and Non-IC Rated housing available with two output options. 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. Standard output options are IC-Rated for direct contact with standard or spray-foam thermal insulation with a max combined R-Value of R42. High output options are Non-IC rated for use where insulation can be kept a minimum of 3" away from all sides. For standard output models, ambient temperatures in ceiling space should not exceed 40°C (104°F) during normal operation. For high output models and all models with **LU2-8** dimming option, ambient temperatures should not exceed 25°C (77°F). Accepts **J2S**, **K2S**, and **M2S** LED Lamp Modules and all **800 Series** Trim Assemblies. For **800 Series** Trims (specified separately), see 8lighting.com/products-800-series-led.

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. 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. 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.

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/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	737-883	14	53-63
HI	1000	3000K	94	60	792-949	14	57-68
HI-27	1400	2700K	94	57	962-1141	20	48-57
HI	1400	3000K	93	58	1034-1227	20	52-61
HI-2-27	1000	2700K	94	62	955	14.5	66
HI-2	1000	3000K	94	63	1027	14.5	71
HI-3-27	350	2700K	97	96-98	666-811	14.7	45-55
HI-3	350	3000K	97	96-98	716-872	14.7	49-59
WD	350	3000-1800K	97	82	602-735	14.5	42-51
WD-2	350	2800-2200K	96	78	598-731	14.5	41-50
WD-4	350	3000-2200K	97	76	648-767	14.5	45-53
TW	700	4700-2200K	95	79	672-943	14	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/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	714-875	14	51-63
HI	1000	3000K	94	60	768-941	14	55-67
HI-27	1400	2700K	94	57	933-1156	20	47-58
HI	1400	3000K	93	58	1003-1243	20	50-62
HI-2-27	1000	2700K	94	62	946	14.5	65
HI-2	1000	3000K	94	63	1017	14.5	70
HI-3-27	350	2700K	97	96-98	646-804	14.7	44-55
HI-3	350	3000K	97	96-98	695-865	14.7	48-59
WD	350	3000-1800K	97	81	600-739	14.5	41-51
WD-2	350	2800-2200K	97	77	595-739	14.5	41-51
WD-4	350	3000-2200K	97	76	628-750	14.5	43-52
TW	700	4700-2200K	95	79	645-918	14	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.

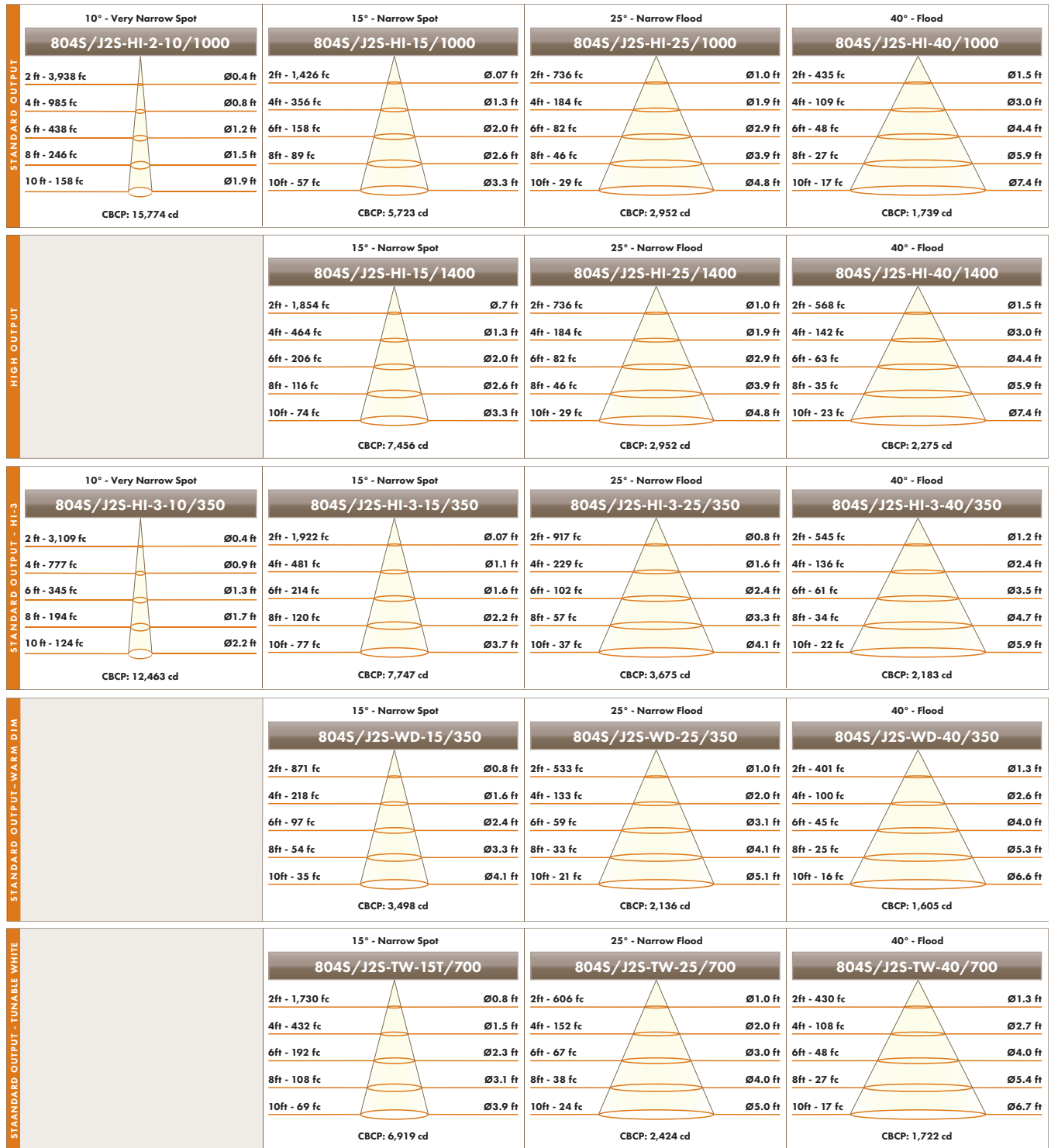
Performance summary for TW LED at 3000K with 15°, 25°, and 40° optic options.

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/ FS/FLS/INS 1.75" APERTURE TRIM - CONE OF LIGHT DIAGRAMS



Performance shown for 3000K. Output varies by CCT.

804S/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	838-968	14	60-69
HI	1000	3000K	94	60	901-1041	14	64-74
HI-27	1400	2700K	94	57	1098-1262	20	55-63
HI	1400	3000K	93	58	1181-1357	20	59-68
HI-2-27	1000	2700K	94	62	971	14.5	67
HI-2	1000	3000K	94	63	1044	14.5	72
HI-3-27	350	2700K	97	96-98	760-883	14.7	52-60
HI-3	350	3000K	97	96-98	817-949	14.7	56-64
WD	350	3000-1800K	97	82	727-837	14.5	50-58
WD-2	350	2800-2200K	96	77	728-834	14.5	40-58
WD-4	350	3000-2200K	97	76	769-867	14.5	53-60
TW	700	4700-2200K	95	79	803-1018	14	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/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	846-976	14	60-70
HI	1000	3000K	94	60	910-1049	14	65-75
HI-27	1400	2700K	94	57	1097-1256	20	55-63
HI	1400	3000K	93	58	1180-1350	20	59-68
HI-2-27	1000	2700K	94	62	976	14.5	67
HI-2	1000	3000K	94	63	1049	14.5	72
HI-3-27	350	2700K	97	96-98	766-856	14.7	52-58
HI-3	350	3000K	97	96-98	824-920	14.7	56-62
WD	350	3000-1800K	97	81	745-862	14.5	51-59
WD-2	350	2800-2200K	97	77	741-849	14.5	51-59
WD-4	350	3000-2200K	97	76	772-868	14.5	53-60
TW	700	4700-2200K	95	79	794-1034	14	57-74

Performance summary for **HI** LED with 15°, 25°, and 40° optic options and **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.

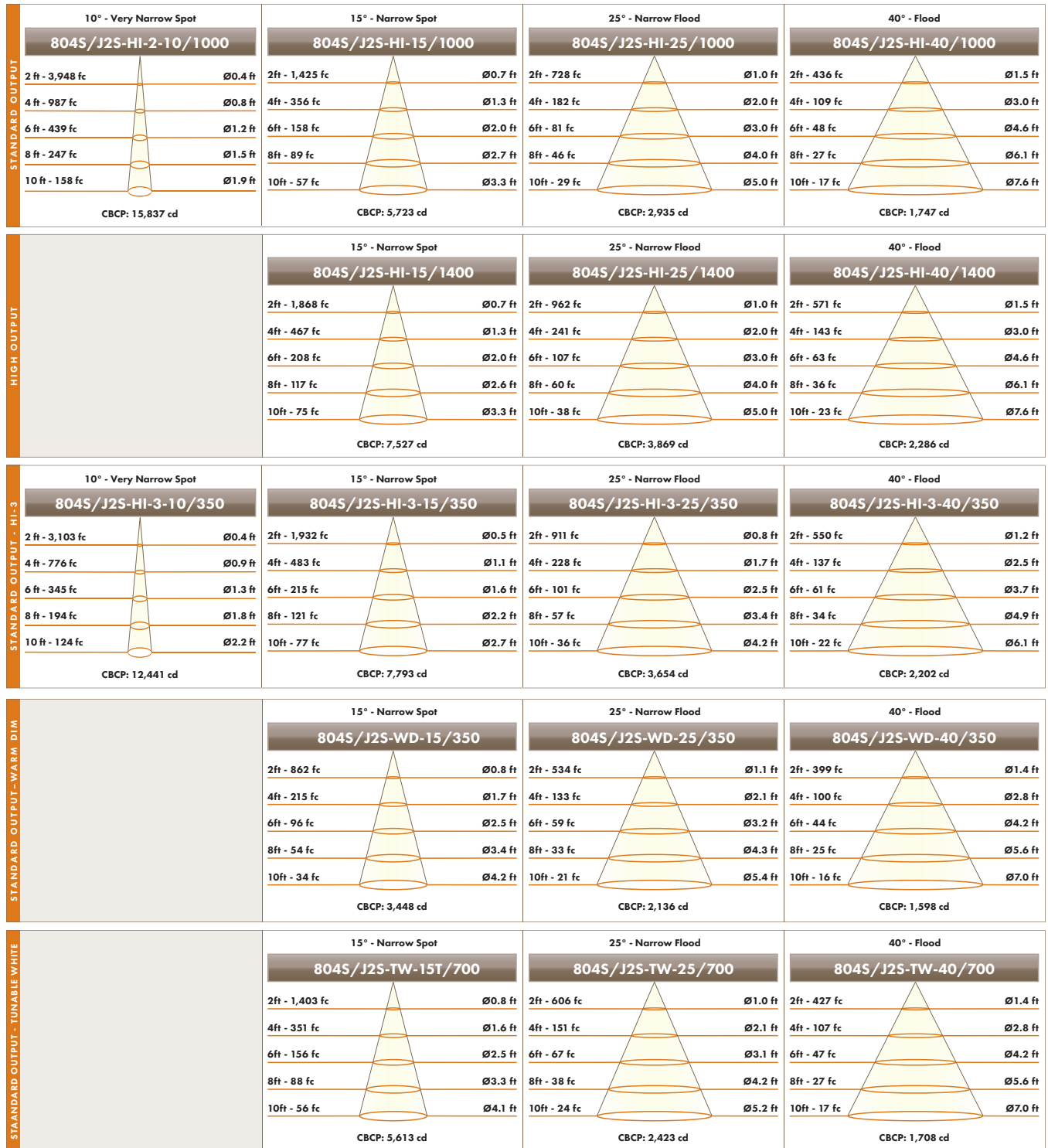
Performance summary for **TW** LED at 3000K with 15°, 25°, and 40° optic options.

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



Performance shown for 3000K. Output varies by CCT.