

HOUSING: **805** – SUPER SHALLOW LAMP MODULE: **J5** – ADJUSTABLE | LED

Project Name	
Date	Type
Prepared By	
Comments	
Catalog # 805/J5 – – / – /	



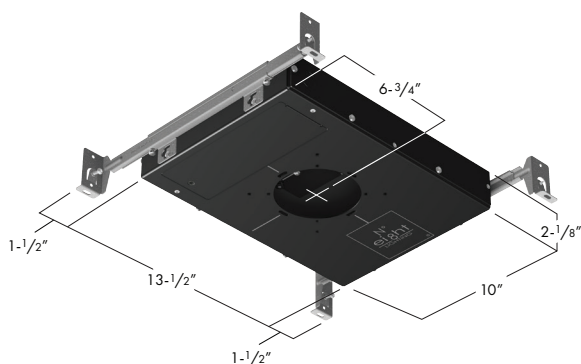
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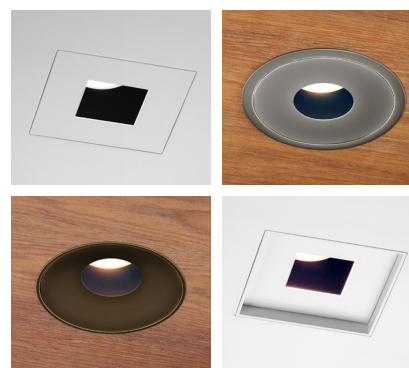
PRODUCT FEATURES



805 - SUPER SHALLOW HOUSING
(Shown with BH mounting accessory)



J5 - LED ADJUSTABLE



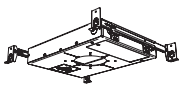
800 SERIES TRIMS
(Specified separately)

805/J5 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	1093	1043	959	1437	922	875	951	998
System Wattage	14.2	15.0	14.7	20.5	14.7	14.8	14.6	15.5
Efficacy	77	69	66	71	63	59	65	64
CRI	95	95	97	94	97	97	97	96
R9	63	66	99	61	82	80	76	85
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	0-35° 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% EcoSystem (120 or 277v)							
Trim Options	Round/Square Flat, Round/Square Bevel, Round/Square Inset							
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							
Housing Options	New Construction: Type IC-CP Rated CCEA Approved Air-Tight							

Data shown for J5 Lamp Module 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

805 / J5 - - - - - / - - - - - /									
HOUSING	LAMP MODULE	LED OPTIONS	OPTIC OPTIONS	OPTICAL ACCESSORIES (Optional)	DRIVER OPTIONS	OUTPUT	MOUNTING ACCESSORIES		
 805 New Construction – Super Shallow AIRTIGHT-IC Rated 10"W* x 13-1/2"L* x 2-1/8"H† *Add 3" to length or width to accommodate mounting accessories. †Minimum 2-5/8" ceiling space required when used with INSET and BEVEL Series trim assemblies.	 J5 LED ADJUSTABLE 35° tilt*, full 360° rotation with locking vertical and horizontal adjustment *35° maximum tilt may be reduced when used with multiple optical accessories or trim lens options.	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. †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 2700K LED options only. **For use with HI, HI-2, and HI-3 3000K LED options only.	PR1-8.5 Premium Forward or Reverse-Phase <1% Dimming EL1-8.5* EldoLED 0-10V 1% Dimming EL1-01-8.5* EldoLED 0-10v 0.1% Dimming EL2-8.5* EldoLED DALI 1% Dimming EL2-01-8.5* EldoLED DALI 0.1% Dimming DAL2-8.5† 2-channel DALI 0.1% Dimming DIM6-8.5† 2-channel 0-10v 0.1% Dimming DMX2-8.5† 2-channel DMX 0.1% Dimming LU4-8.5* Lutron Hi-Lume PEQOE 0.1% EcoSystem Dimming *Available in standard output only. †Available with TW LED option and standard output 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 1400* High output for HI or HI-27 LED Options †For use with DAL2-8.5, DIM6-8.5, or DMX2-8.5 driver options only. *Not available w/ EL1-8.5, EL1-01-8.5, EL2-8.5, EL2-01-8.5, or LU4-8.5 driver options.	BH Bar Hangers for joist mounting BB Butterfly Bracket 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

805 Super shallow universal 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 and high output options are IC-Rated for direct contact with standard or spray-foam thermal insulation with a max combined R-Value of R42. For standard output models, ambient temperatures in ceiling space should not exceed 40°C (104°F) during normal operation. For high output models, ambient temperatures should not exceed 25°C (77°F). Accepts **J5**, **K5**, and **W5** 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

J5 Fully adjustable lamp module features patent-pending adjustment mechanism and thermal management design. 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. 35° maximum tilt may be reduced when combined with multiple optical accessories or trim lens options. For more information, see 805 Super shallow installation instructions at 8lighting.com/resources-downloads.

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

805/J5 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	95	63	819-950	14.2	58-67
HI	1000	3000K	95	63	881-1021	14.2	62-72
HI-27	1400	2700K	94	61	1078-1246	20.3	54-61
HI	1400	3000K	94	61	1159-1340	20.3	58-66
HI-2-27	1000	2700K	95	66	952	15.0	63
HI-2	1000	3000K	95	66	1024	15.0	68
HI-3-27	350	2700K	95-97	90-99	746-863	14.7	50-60
HI-3	350	3000K	95-97	90-99	802-928	14.7	54-64
WD	350	3000-1800K	97	82	728-841	14.7	50-57
WD-2	350	2800-2200K	97	80	697-796	14.8	47-54
WD-4	350	3000-2200K	97	76	772-884	14.6	53-61
TW	700	4700-2200K	96	83-85	741-941	15.5	48-61

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.

805/J5 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	95	63	802-940	14.2	57-66
HI	1000	3000K	95	63	862-1011	14.2	61-71
HI-27	1400	2700K	94	61	1038-1238	20.3	52-61
HI	1400	3000K	94	61	1117-1331	20.3	56-66
HI-2-27	1000	2700K	95	66	944	15.0	63
HI-2	1000	3000K	95	66	1015	15.0	68
HI-3-27	350	2700K	95-97	90-99	724-886	14.7	49-60
HI-3	350	3000K	95-97	90-99	779-953	14.7	53-64
WD	350	3000-1800K	97	82	705-814	14.7	48-55
WD-2	350	2800-2200K	97	80	764-788	14.7	51-53
WD-4	350	3000-2200K	97	76	761-879	14.8	52-60
TW	700	4700-2200K	96	82-85	725-919	15.5	47-59

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.

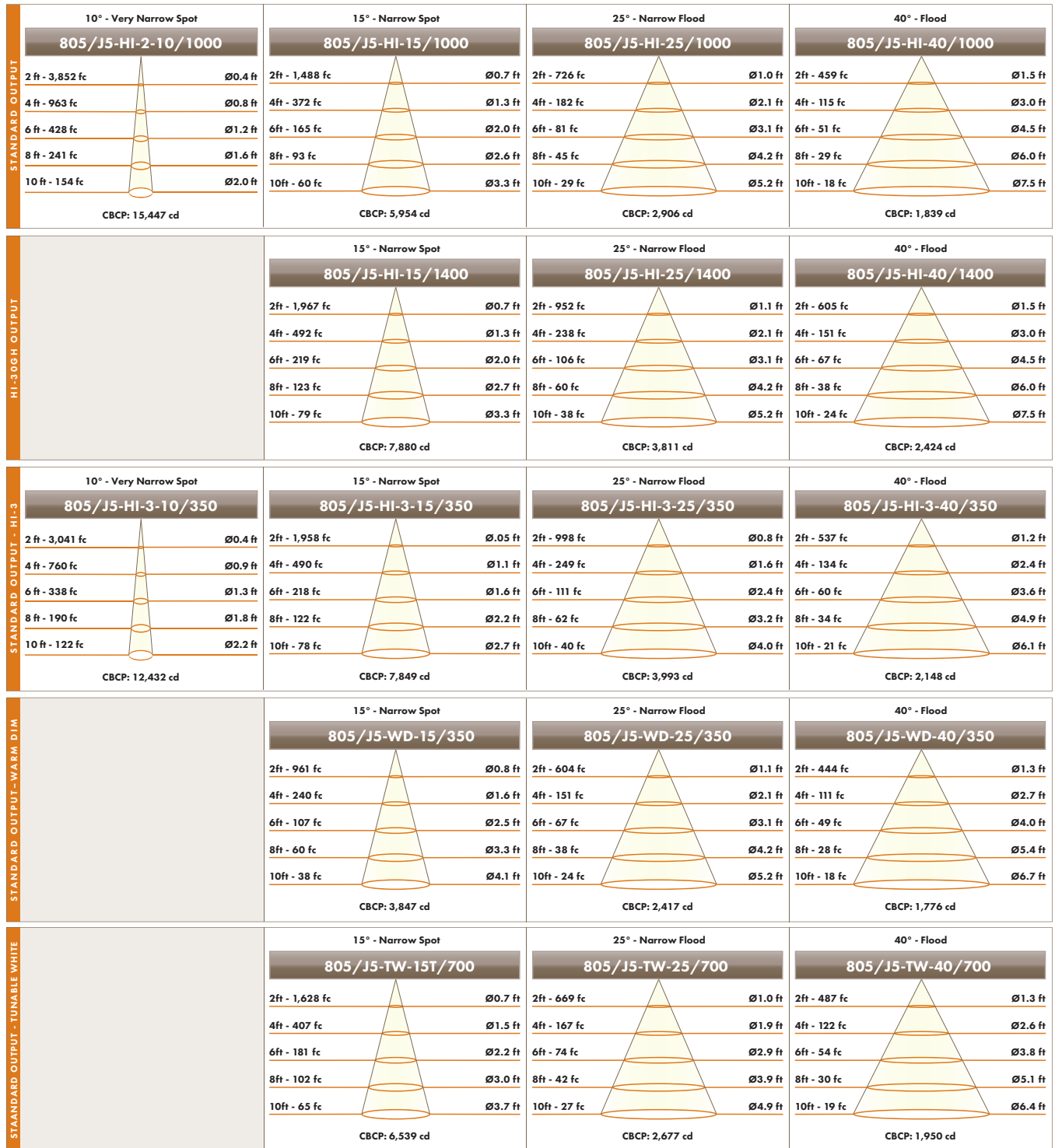
Performance summary for **TW** LED at 3000K with 15°, 25°, and 40° optic options.

805/J5 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°	24°	45°	54°	13° x 46°
10° Very Narrow Spot	HI-3	14°	26°	42°	50°	14° x 34°
15° Narrow Spot	HI	21°	30°	51°	60°	21° x 51°
15° Narrow Spot	HI-3	17°	29°	49°	55°	17° x 44°
15° Narrow Spot	WD/WD-2/WD-4	24°	32°	51°	59°	24° x 55°
15° Narrow Spot	TW	22°	29°	46°	50°	21° x 42°
25° Narrow Flood	HI	30°	36°	55°	63°	30° x 55°
25° Narrow Flood	HI-3	24°	32°	48°	52°	24° x 43°
25° Narrow Flood	WD/WD-2/WD-4	30°	36°	54°	61°	30° x 57°
25° Narrow Flood	TW	28°	35°	55°	61°	28° x 51°
40° Flood	HI	41°	45°	62°	70°	40° x 63°
40° Flood	HI-3	34°	40°	58°	64°	34° x 57°
40° Flood	WD/WD-2/WD-4	38°	42°	57°	64°	37° x 61°
40° Flood	TW	36°	41°	60°	66°	35° x 57°

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

805/J5 w/ FS/FLS/INS 1.75" APERTURE TRIM - CONE OF LIGHT DIAGRAMS



Performance shown for 3000K. Output varies by CCT.

805/J5 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	95	63	908-1016	14.2	64-72
HI	1000	3000K	95	63	976-1093	14.2	69-77
HI-27	1400	2700K	94	61	1199-1336	20.3	60-66
HI	1400	3000K	94	61	1289-1437	20.3	64-71
HI-2-27	1000	2700K	95	66	970	15.0	64
HI-2	1000	3000K	95	66	1043	15.0	69
HI-3-27	350	2700K	95-97	90-99	809-892	14.7	55-61
HI-3	350	3000K	95-97	90-99	870-959	14.7	59-66
WD	350	3000-1800K	97	82	830-922	14.5	57-63
WD-2	350	2800-2200K	97	80	794-875	14.8	54-59
WD-4	350	3000-2200K	97	76	865-951	14.6	59-65
TW	700	4700-2200K	96	83-85	822-998	15.5	53-64

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.

805/J5 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	95	63	907-1011	14.2	64-71
HI	1000	3000K	95	63	975-1087	14.2	69-76
HI-27	1400	2700K	94	61	1189-1339	20.3	59-66
HI	1400	3000K	94	61	1278-1440	20.3	63-71
HI-2-27	1000	2700K	95	66	972	15.0	65
HI-2	1000	3000K	95	66	1045	15.0	70
HI-3-27	350	2700K	95-97	90-99	792-903	14.7	54-61
HI-3	350	3000K	95-97	90-99	852-971	14.7	58-66
WD	350	3000-1800K	97	82	827-907	14.7	57-62
WD-2	350	2800-2200K	97	80	797-874	14.8	53-59
WD-4	350	3000-2200K	97	76	869-952	14.7	59-65
TW	700	4700-2200K	96	82-85	819-995	15.5	53-64

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.

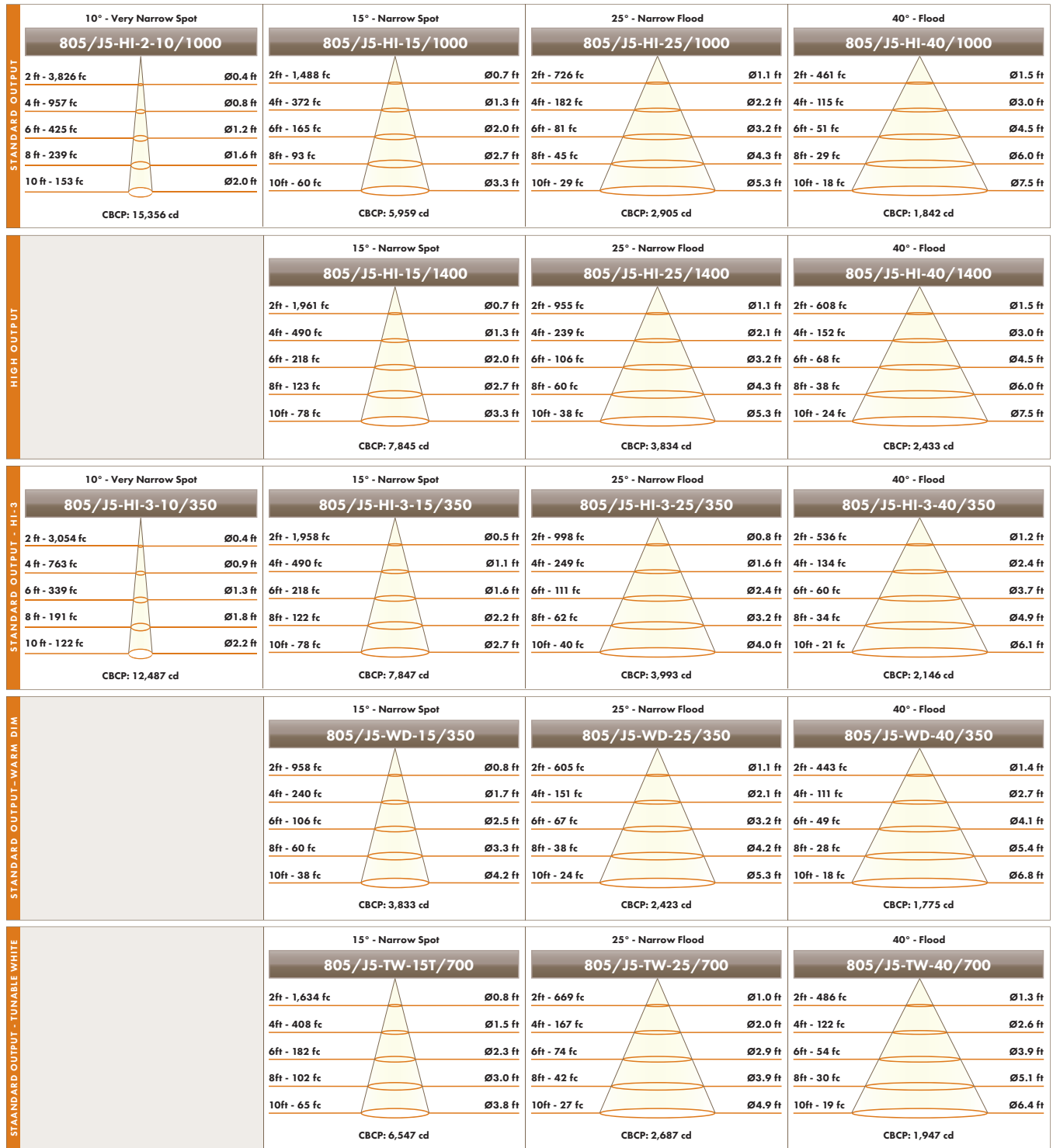
Performance summary for **TW** LED at 3000K with 15°, 25°, and 40° optic options.

805/J5 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°	47°	58°	13° x 50°
10° Very Narrow Spot	HI-3	14°	26°	44°	54°	14° x 35°
15° Narrow Spot	HI	21°	31°	55°	67°	22° x 56°
15° Narrow Spot	HI-3	17°	29°	52°	59°	17° x 47°
15° Narrow Spot	WD/WD-2/WD-4	24°	33°	55°	67°	24° x 62°
15° Narrow Spot	TW	23°	30°	50°	56°	21° x 47°
25° Narrow Flood	HI	30°	37°	60°	72°	30° x 61°
25° Narrow Flood	HI-3	24°	33°	56°	64°	24° x 45°
25° Narrow Flood	WD/WD-2/WD-4	30°	37°	59°	71°	30° x 64°
25° Narrow Flood	TW	28°	36°	59°	68°	28° x 55°
40° Flood	HI	41°	45°	68°	81°	41° x 70°
40° Flood	HI-3	35°	41°	63°	73°	34° x 60°
40° Flood	WD/WD-2/WD-4	38°	43°	65°	78°	37° x 71°
40° Flood	TW	36°	42°	64°	74°	36° x 61°

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

805/J5 w/ FS/FLS/INS-LG/NL 2.75" APERTURE TRIM - CONE OF LIGHT DIAGRAMS



Performance shown for 3000K. Output varies by CCT.