

HOUSING: **805** – SUPER SHALLOW
LAMP MODULE: **K5** – FIXED POSITION | LED

Project Name	
Date	Type
Prepared By	
Comments	
Catalog # 805/K5 – – / – /	



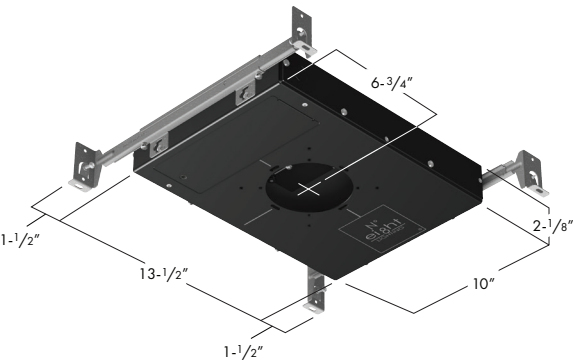
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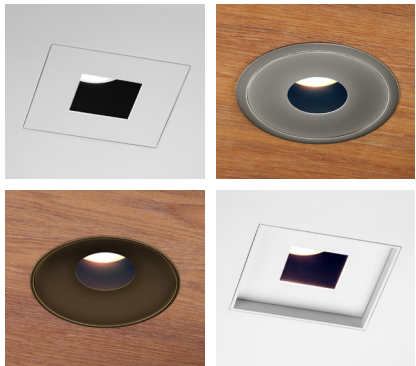
PRODUCT FEATURES



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



K5 - LED FIXED POSITION



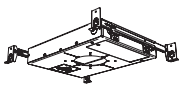
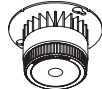
800 SERIES TRIMS
(Specified separately)

805/K5 SPECIFICATION SUMMARY

	Static White Standard Output		Static White High Output	Warm Dimming		
LED Option	HI	HI-2	HI	WD	WD-2	WD-4
Delivered Lumens	1134	1082	1483	944	944	969
System Wattage	14.5	15.0	20.5	15.0	15.0	14.7
Efficacy	78	72	72	63	63	66
CRI	94	95	94	97	97	97
R9	62	65	60	83	80	76
CCT Options	2700K, 3000K			3000-1800K	2800-2200K	3000-2200K
Optic Options	15, 25, 40	10	15, 25, 40	15, 25, 40		
Color Consistency	2-Step			3-Step		
Optical Accessories	Narrow, Medium, Wide, Extra Wide, Linear Spread, and 2400K, 2700K, 3500K Color Filters					
Adjustability	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					
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 K5 Lamp Module with FS/FLS/INS-LG/NL trim.
Static 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 / K5 - - - - - / - - - - - /									
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.	 K5 LED FIXED POSITION	HI-27 2700K White LED HI 3000K White LED HI-2-27* 2700K White LED HI-2* 3000K White LED WD† 3000-1800K Warm Dim LED WD-2† 2800-2200K Warm Dim LED WD-4† 3000-2200K Warm Dim 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 25 25° Narrow Flood 40 40° Flood *For use with HI-2 LED options only.	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 and HI-2 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 LU4-8.5* Lutron Hi-Lume PEQOE 0.1% EcoSystem Dimming *Available in standard output only.	350 Standard output for WD, WD-2, or WD-4 LED Options 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 *Not available w/ EL1, EL1-01, EL2, EL2-01 or LU4 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

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

K5 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.

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/K5 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	886-1007	14.5	61-69
HI	1000	3000K	94	63	947-1089	14.5	65-75
HI-27	1400	2700K	94	60	1151-1314	20.5	56-64
HI	1400	3000K	94	60	1229-1423	20.5	60-69
HI-2-27	1000	2700K	95	63	965	15.0	64
HI-2	1000	3000K	94	63	1061	15.0	71
WD	350	3000-1800K	97	83	783-894	15.0	52-60
WD-2	350	2800-2200K	97	78	800-908	15.0	53-61
WD-4	350	3000-2200K	97	76	802-913	14.7	55-62

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.

805/K5 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	880-1012	14.5	61-70
HI	1000	3000K	94	62	935-1066	14.5	65-74
HI-27	1400	2700K	94	60	1138-1312	20.5	56-64
HI	1400	3000K	94	60	1222-1421	20.5	60-69
HI-2-27	1000	2700K	95	63	977	15.0	65
HI-2	1000	3000K	95	65	1058	15.0	71
WD	350	3000-1800K	97	83	763-886	15.0	51-59
WD-2	350	2800-2200K	97	79	798-916	15.0	53-61
WD-4	350	3000-2200K	97	76	784-896	14.6	54-61

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

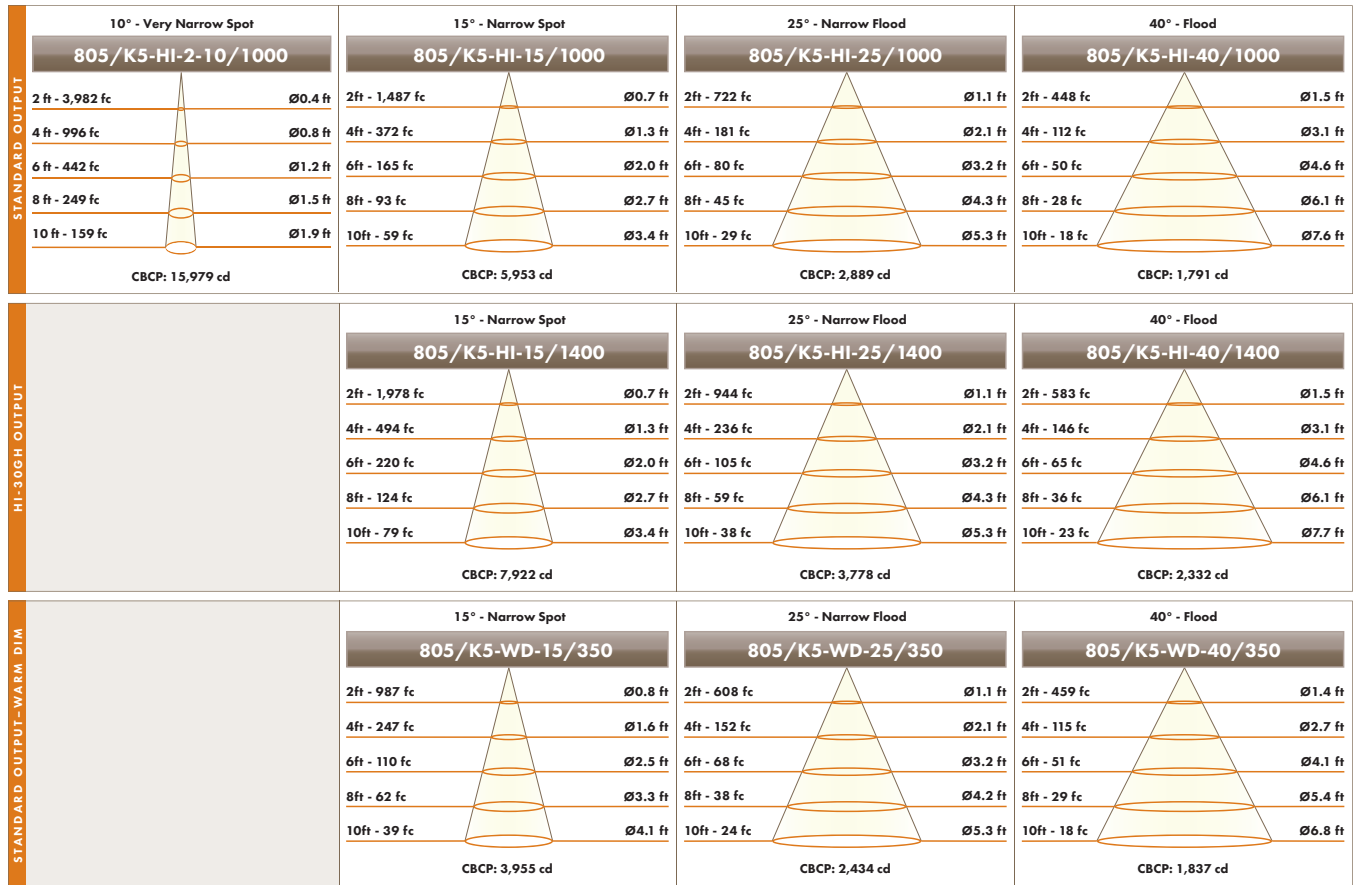
Performance summary for **WD** and **WD-4** LED at 3000K and **WD-2** LED at 2800K with 15°, 25°, and 40° optic options.

805/K5 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°	48°	58°	14° x 34°
15° Narrow Spot	HI	21°	31°	55°	66°	23° x 47°
15° Narrow Spot	WD/WD-2/WD-4	25°	32°	45°	65°	25° x 47°
25° Narrow Flood	HI	31°	37°	58°	70°	31° x 57°
25° Narrow Flood	WD/WD-2/WD-4	30°	36°	57°	67°	30° x 59°
40° Flood	HI	42°	46°	67°	77°	48° x 55°
40° Flood	WD/WD-2/WD-4	38°	43°	62°	71°	39° x 58°

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

805/K5 w/ FS/FLS/INS 1.75" APERTURE TRIM - CONE OF LIGHT DIAGRAM



Performance shown for 3000K. Output varies by CCT.

805/K5 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	949-1054	14.5	65-73
HI	1000	3000K	94	62	1019-1134	14.5	70-78
HI-27	1400	2700K	94	60	1234-1374	20.5	60-67
HI	1400	3000K	94	60	1325-1483	20.5	65-72
HI-2-27	1000	2700K	95	64	992	15.0	66
HI-2	1000	3000K	95	65	1082	15.0	72
WD	350	3000-1800K	97	83	859-944	15.0	57-63
WD-2	350	2800-2200K	97	80	877-944	15.0	59-63
WD-4	350	3000-2200K	97	76	880-969	14.7	60-66

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.

805/K5 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	954-1054	14.5	66-73
HI	1000	3000K	94	63	1015-1140	14.5	70-79
HI-27	1400	2700K	94	61	1228-1379	20.5	60-67
HI	1400	3000K	94	60	1325-1481	20.5	65-72
HI-2-27	1000	2700K	95	63	983	15.0	66
HI-2	1000	3000K	95	65	1077	15.0	72
WD	350	3000-1800K	97	83	850-946	15.0	56-63
WD-2	350	2800-2200K	97	79	888-975	15.0	59-65
WD-4	350	3000-2200K	97	76	875-960	14.6	60-66

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

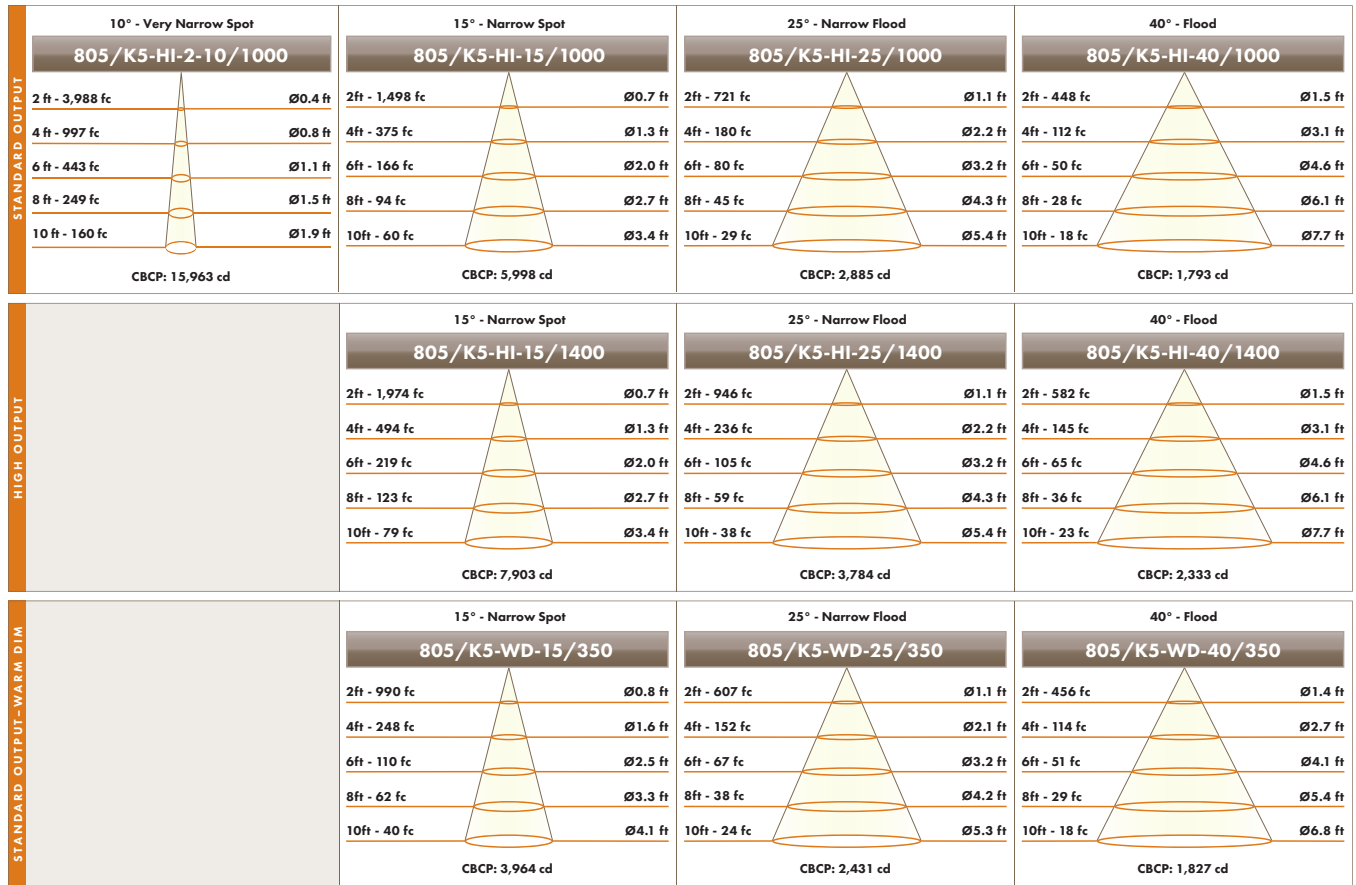
Performance summary for **WD** and **WD-4** LED at 3000K and **WD-2** LED at 2800K with 15°, 25°, and 40° optic options.

805/K5 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°	25°	49°	62°	14° x 35°
15° Narrow Spot	HI	21°	32°	57°	71°	23° x 47°
15° Narrow Spot	WD/WD-2/WD-4	25°	33°	58°	71°	25° x 49°
25° Narrow Flood	HI	32°	38°	62°	77°	31° x 61°
25° Narrow Flood	WD/WD-2/WD-4	31°	37°	62°	75°	30° x 65°
40° Flood	HI	43°	46°	70°	84°	48° x 56°
40° Flood	WD/WD-2/WD-4	38°	43°	67°	80°	39° x 61°

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

805/K5 w/ FS/FLS/INS-LG/NL 2.75" APERTURE TRIM - CONE OF LIGHT DIAGRAMS



Performance shown for 3000K. Output varies by CCT.