

# HOUSING: **804-I.C.** LAMP MODULE: **J2-ADJUSTABLE | LED**

Project Name	
Date	Type
Prepared By	
Comments	
Catalog # <b>804 / J2 - HI - - / - 1400 /</b>	



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## PRODUCT FEATURES

### HOUSING

- **804** IC-Rated for direct contact with standard or spray-foam thermal insulation with a max combined R-Value of R49 (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.
- Accepts **J2**, **K2**, and **M2** LED Lamp Modules and all **800 Series** Trim Assemblies. Note: Minimum 6" ceiling space required when used with INSET and BEVEL Series Trim Assemblies.

### Lamp Module

- **J2** Fully adjustable lamp module features patented tool-free adjustment mechanism optimized for true 0-45° vertical and 360° horizontal adjustment. Use for adjustable accent, wall wash\*, and general lighting applications. \*For wall washing: specify 40° optic option and **FL** lens. Requires **WW-8** wall wash accessory, specified with **FS/FR** or **FLS/FLR** (1.75" aperture) **800 Series** trims.
- Optic options include: 15°, 25°, and 40°.

### LED Options

- **HI** 3000K 92+ CRI White LED. Minimum 2-Step color binning.

### Optic Options and Accessories

- Optic options include: 15°, 25°, and 40°.
- Optional beam enhancing lens accessories include: **NSP**-Narrow Softening, **NFL**-Medium Softening, **FL**-Wide Softening, **WFL**-Extra Wide Softening, and **LS**-Linear Spread.
- Optional color filtering lens accessories include: **CF24**-2400K, **CF27**-2700K, & **CF35**-3500K.

### Dimming Options

- **PR1-8** Premium phase dimming LED driver with 120v/60Hz input. Dimmable to 0.1% using compatible Forward or Reverse-Phase dimmers.
- **EL1-8** EldoLED 0-10v LED dimming driver with 120-277v/60Hz input. Dimmable to 1% using compatible 0-10v dimmers.
- **EL2-8** EldoLED DALI dimming LED driver with 120-277v/60Hz input. Dimmable to 1% using compatible DALI dimmers.
- **LU1-8** Lutron Hi-lume **LTEA2W** 1% 2-wire LED driver (120v Forward Phase only). 120v/60Hz input.

For complete list of compatible dimmers, see [8lighting.com/resources-downloads](http://8lighting.com/resources-downloads)

### Output\*

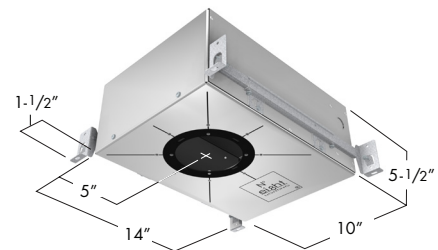
- **1400** High output. Delivers up to 1117 lumens.

\*Output varies depending on trim type and optical accessories used (see page 2 for additional details).

For photometric files in PDF and IES formats, see [8lighting.com/800-series-photometry](http://8lighting.com/800-series-photometry)

### Mounting Accessories

- **BH** Bar Hangers for joist mounting.
- **BB** Butterfly Brackets for use with commercial 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.



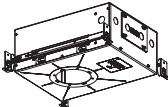

**804 - I.C. HOUSING**  
(shown with BH mounting accessory)



**J2 - LED ADJUSTABLE**

PRODUCT SPECIFIER/PRODUCT ORDER NUMBER

**804 / J2 - HI - - - - / - 1400 /**

HOUSING	LAMP MODULE	LED OPTIONS	OPTIC OPTIONS	OPTICAL ACCESSORIES (Optional)	DIMMING OPTIONS	OUTPUT	MOUNTING ACCESSORIES
 <p><b>804</b> New Construction – AIRTIGHT-I.C. 10"W* x 14"L* x 5 1/2"H Accepts All No. 8 Lighting LED Lamp Modules *Add 3" to length or width to accommodate mounting accessories</p>	<p><b>J2</b> 45° tilt, full 360° rotation with tool-less locking vertical and horizontal adjustment</p> 	<p><b>HI</b> 3000K White LED</p>	<p><b>15</b> 15° Narrow Spot <b>25</b> 25° Narrow Flood <b>40</b> 40° Flood *For use with HI-2 LED option only</p>	<p><b>NSP</b> Narrow Softening Lens <b>NFL</b> Medium Softening Lens <b>FL</b> Wide Softening Lens <b>WFL</b> Extra Wide Softening Lens <b>LS</b> Linear Spread Lens <b>CF24</b> 2400K Color Filtering Lens <b>CF27</b> 2700K Color Filtering Lens <b>CF35</b> 3500K Color Filtering Lens</p>	<p><b>PR1-8</b> Premium Forward or Reverse-Phase 0.1% Dimming <b>EL1-8</b> EldoLED 0-10v 1% Dimming <b>EL2-8</b> EldoLED DALI 1% Dimming <b>LU1-8</b> Lutron Hi-Lume Forward-Phase 1% Dimming</p>	<p><b>1400</b> High output</p>	<p><b>BH</b> Bar Hangers <b>BB</b> Butterfly Brackets <b>TBC-BH</b> T-Bar Mounting Clips + Bar Hangers <b>PMB</b> Panel Mounting Brackets</p>

**Optic Option and Accessory Notes**

One field interchangeable optic option included standard. Up to two additional optical accessories can be accommodated.

**Installation Notes**

Ambient temperatures in ceiling space should not exceed 25°C (77°F) during normal operation.

**Warranty**

All No. 8 Lighting products are by a 5-year limited warranty. For specific warranty details and limitations, see [8lighting.com/resources-downloads](http://8lighting.com/resources-downloads)

**JA8-2019 CA Title 24 Compliant** except with dimming option **EL2-8**.

OPTICAL OPTIONS AND ACCESSORY PERFORMANCE SUMMARY

OPTICAL OPTIONS	BEAM ENHANCING LENS (OPTIONAL)*				
	+ NSP	+ NFL	+ FL	+ WFL	+ LS
15° Spot	20°	27°	42°	61°	19 x 47°
25° Narrow Flood	27°	34°	47°	67°	26 x 52°
40° Flood	41°	42°	56°	68°	36 x 57°
Lumen Multiplier	0.93	0.87	0.88	0.82	0.89

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

804/J2 PERFORMANCE SUMMARY

LED	Output	CCT	CRI	Delivered Lumens	System Wattage	Delivered LPW	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
HI	1400	3000	92+	803-1117	20.5	39-55	92	97	99	92	92	96	91	79	54	92	93	84	94	100

804/J2 CONE OF LIGHT DIAGRAMS

