

K5.6 ECLH HSW sprinkler

K5.6 ECLH (Extended coverage light hazard) HSW sprinkler is designed for use in light hazard occupancies, and it provides max coverage area of 400 ft² (37.2 m²) as NFPA 13.







· Certificate: UL Listed / FM Approved

· Standard: UL 199, NFPA 13

· Feature: K5.6 (K80), ECLH, min spacing 8 ft

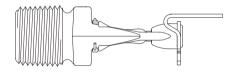
· W. pressure: 175 psi

· T. pressure: 500 psi, factory hydrostatic test

· O. pressure: Min 7 psi

· Surface: Rough brass / chrome plated /

white painted, etc.



Main parts and material

Deflector	Bronze	Heat responsive element	Glass bulb, 3 mm diameter
Frame	Brass / bronze	Sealing assembly	Beryllium nickel spring + Teflon tape

Available size

Type	Nominal K-Factor	Response type		Temperature	Connection	Working	Ref. No.
туре		UL	FM	rating	Connection	pressure (psi)	Rei. No.
ECLH horizontal sidewall (HSW)	K5.6 (K80)	QR	QR	135°F (57°C)	1/2", NPT	175	S2301 (UL/FM)
ECLH horizontal sidewall (HSW)	K5.6 (K80)	SR or QR	QR	155°F (68°C)	1/2", NPT	175	S2302 (UL/FM)
ECLH horizontal sidewall (HSW)	K5.6 (K80)	QR	QR	175°F (79°C)	1/2", NPT	175	S2303 (UL/FM)
ECLH horizontal sidewall (HSW)	K5.6 (K80)	QR	1	200°F (93°C)	1/2", NPT	175	S2304 (UL)
ECLH recessed horizontal sidewall (HSW)	K5.6 (K80)	QR	QR	135°F (57°C)	1/2", NPT	175	S2305 (UL/FM)
ECLH recessed horizontal sidewall (HSW)	K5.6 (K80)	SR or QR	QR	155°F (68°C)	1/2", NPT	175	S2306 (UL/FM)
ECLH recessed horizontal sidewall (HSW)	K5.6 (K80)	QR	1	175°F (79°C)	1/2", NPT	175	S2307 (UL)
ECLH recessed horizontal sidewall (HSW)	K5.6 (K80)	QR	1	200°F (93°C)	1/2", NPT	175	S2308 (UL)

Note:

- 1. As UL rule of 4-12" below the ceiling, it is SR or QR sprinkler at max coverage area (ft x ft) 16 x 16, 16 x 18, 16 x 20, 16 x 22, and 16 x 24, with different temperature rating.
- 2. As FM rule, it is only QR sprinkler at max coverage area (ft x ft) 16 x 16, 18 x 18, and 20 x 20.
- 3. For recessed sprinkler, it is assembled with a specified recessed escutcheon which provides adjustment up to 3/4" (19.1 mm).













