

ECOINCH

INCANDESCENT

120v HALOGEN & 12v XENON



The Ecolnch is a heavy duty extruded aluminum task light which is easy to install, reliable and will give many years of trouble free operation.

The heavy aluminum body dissipates heat very effectively and ensures that there is the least possible amount of heat transferred to the mounting surfaces, up to 20% less than others. The frosted glass lenses smooth and soften the light beam minimizing the glare on shiny counter surfaces. A center mounted screw ensures lens stability.

Because Ecolnch Halogen has no transformer, dimming is easily achieved with a quality incandescent dimmer. The Halogen version is also designed for direct wire applications and can be installed without removing the wire way. There is a "quick connect" plate in the back of the fixture. In addition, "knock outs" are available at the ends and back of the fixture for greater installation flexibility.

Dim the Xenon or Halogen 12 volt versions of Ecolnch with a quality dimmer designed to control electronic transformers.

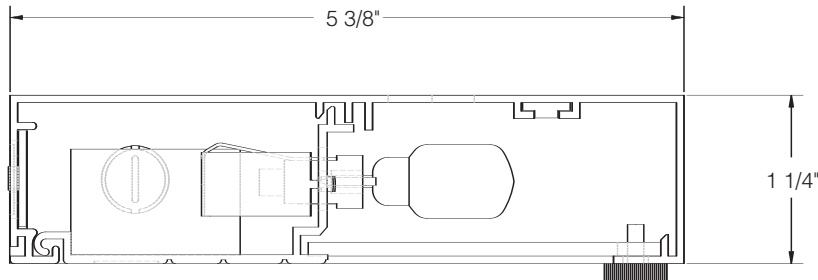
Fixtures shipped with a rocker switch for high, low and off operation, and, of course, lamps are included.

Incandescent

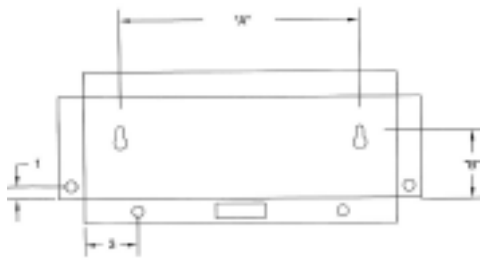


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TYPICAL CROSS SECTION



MOUNTING DETAILS



Note:
Access plate opening is replaced by 9/16 DIA.
Knockout in one lamp unit.

UNIT LENGTH	"A"	"B"
8"	2 5/8"	3 5/8"
17"	11 5/8"	3 5/8"
23"	17 5/8"	3 5/8"
31"	25 1/8"	3 5/8"

SPECIFICATIONS

CONSTRUCTION

.060" extruded aluminum housing with injection molded polycarbonate end-caps.

DIFFUSER

Sandblasted semi-opaque 1/8" glass lens is standard. Glass is held in place with a center thumbscrew.

FINISH

White polyester resin powder coat with minimum reflectivity of 87% standard. Optional painted finishes in Aluminum, Bronze and Black feature white interiors with the same minimum reflectivity of 87%. End caps are molded polycarbonate.

LAMPS

Halogen 120V

20w 120 Volt halogen lamp.

Halogen 12V

20w 12 Volt halogen lamp.

Xenon 12V

18w 12 Volt xenon lamp.

ELECTRICAL

Operating temperatures up to

20% cooler than others. ECOH23 runs at 48°C and ECOX23 runs at 47°C. 3-position hi-lo-off rocker switch supplied as standard.

Halogen

May be dimmed with an incandescent-type dimmer. 120 Volt only. 277 and 347 Volt not available.

Xenon & Halogen 12 Volt

12v low voltage 75 watt electronic transformer provided. Dim with dimmer suitable for electronic low voltage transformers. 120 Volt only. 277 and 347 Volt not available.

INSTALLATION FEATURES

Removable rear access plate allows wiring without removing the wireway. Access plate opening replaced by 9/16" diameter knockout on one-lamp units. 3/8" greenfield/romex connector supplied with each fixture.

LABELS

UL/CUL for both direct-wired and portable installation, IBEW and Damp location listed.

ORDERING INFORMATION

HALOGEN

CATALOG#	LAMPS	L	H	D
ECOH8	1	8"	5 3/8"	1 1/4"
ECOH17	2	17"	5 3/8"	1 1/4"
ECOH23	3	23"	5 3/8"	1 1/4"
ECOH31	4	31"	5 3/8"	1 1/4"

HALOGEN 12v Low Voltage

CATALOG#	LAMPS	L	H	D
ECOHLV8	1	8"	5 3/8"	1 1/4"
ECOHLV17	2	17"	5 3/8"	1 1/4"
ECOHLV23	3	23"	5 3/8"	1 1/4"
ECOHLV31	4	31"	5 3/8"	1 1/4"

XENON

CATALOG#	LAMPS	L	H	D
ECOX8	1	8"	5 3/8"	1 1/4"
ECOX17	2	17"	5 3/8"	1 1/4"
ECOX23	3	23"	5 3/8"	1 1/4"
ECOX31	4	31"	5 3/8"	1 1/4"

Standard lens is opaque acrylic. 3000K lamp included. 277V and 347V not available.

OPTIONAL EQUIPMENT (add as suffix)

/AL	Aluminum
/BK	Black
/BRZ	Bronze
/CS-3-W	6' white 3-wire cordset

3 YEAR WARRANTY

ALKCO Lighting warrants that this fixture will be free of defects in material and workmanship for three years from the date of purchase (excluding the lamp). To obtain repair or replacement information under the terms of this warranty, please contact ALKCO.