

Project Name	Fixture Type	Catalog #	Quantity
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The Illuminator (ILL) Series has been developed to provide maximum energy-efficient, cost effective general lighting in a clean, stylized design that is both appealing and functional. The fixture's unique optical and lamp arrangement offers versatility and flexibility in design and is cost effective in a wide range of applications.

Typical applications for this type of product are interior spaces where appearance and performance are important. Applications include:

- Industrial Facilities
- Commercial / Retail Spaces
- Warehouse Facilities – Isles and Open Areas
- Government Facilities
- Storage Facilities
- Schools and Universities



Twist-Lock style Lampholders
(Standard)



Multi-Faceted Reflector
(Designed for Maximum Efficiency
and Optimal Distribution)



Integrated Lances
(Allows Toolless Access
to Ballast Compartment)



Mounting Details
(Included in all Housings)

Note: RENOVA products are constantly being improved; therefore, the information shown is subject to change without notice. Always consult your lighting representative or RENOVA Lighting Systems, Inc. for the latest information.

Design Features / Specifications

CONSTRUCTION:

- Housing is manufactured from code gauge, die-formed cold rolled steel
- Mechanically fastened for strength and rigidity – Spot welded construction is optional
- Code gauge end caps and internal components
- 7/8" EKO's provided in end caps for row mounting

REFLECTOR / OPTICS:

- Reflectors are precision-formed, per UL aluminum construction standards, multi-faceted for maximum photometric performance
- Choice of reflector materials include High Reflectance White finish and Alanod Miro4 specular finish. Other options available – consult factory
- Reflectors / Ballast Covers are easily removed without the use of tools

ELECTRICAL:

- All standard ballasts are instant start or program rapid start, UL listed, CEE rated high efficiency electronic, Class "P", Sound Rated "A", RoHS compliant and are the universal voltage (120v–277v) type. All ballasts are mechanically fastened into fixture housing. Other voltages are available – consult factory
- Many other lamp / ballast & wiring configurations are available – consult factory for all other available options
- All fixtures include Ballast (Luminaire) Disconnects as per UL 1598 standards

FINISH:

- Pre-painted gloss white polyester powder coat baked white enamel finish is standard
- Post-painted gloss white polyester powder coat baked white enamel finish is optional
- Custom colors are optional

LAMP HOLDERS:

- Twist-Lock style, snap-in, thermoplastic type ensure positive lamp retention
- High temperature rated (T-Rating)

INSTALLATION:

- Fixture can be mounted several ways:
Surface, Pendent, Chain or Cable

CERTIFICATIONS:

- All fixtures are UL/CUL Listed and labeled
- Suitable for damp locations



Scan for additional
information on this
fixture type.

**VETERAN
OWNED
AND OPERATED**



IES
Illuminating
ENGINEERING SOCIETY
Sustaining Member

SME
Society of
Manufacturing
Engineers

NTMA
NATIONAL TOOLING AND
MACHINING ASSOCIATION

NEMA
Member

ARRA
Funding Compliant



Made in USA



Fixture Type :
ILL Illuminator

**Please see website for all other photometric data.*

Technical drawing of a 1/2" x 14 3/8" x 3 3/8" aluminum extrusion. The drawing shows the extrusion with dimensions: 14 3/8" total length, 7" distance between mounting holes, and 3 3/8" height. It includes a detail view of the mounting hole and a detail view of the mounting bracket assembly.

Figure 1 shows five diagrams (2' through 6') illustrating the layout of a 12' x 12' floor slab with a 6' x 6' grid. The diagrams are labeled 2', 3', 4', 5', and 6' in blue text. The dimensions are given in inches (6", 24", 36", 48", 72", 96"). The diagrams show the placement of columns (circles) and beams (lines) relative to the grid lines.

- Diagram 2':** Shows a 12' x 12' slab with a 6' x 6' grid. The dimensions are 6" (left), 24" (middle), and 6" (right). The grid lines are labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.
- Diagram 3':** Shows a 12' x 12' slab with a 6' x 6' grid. The dimensions are 6" (left), 36" (middle), and 6" (right). The grid lines are labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.
- Diagram 4':** Shows a 12' x 12' slab with a 6' x 6' grid. The dimensions are 6" (left), 48" (middle), and 6" (right). The grid lines are labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.
- Diagram 5':** Shows a 12' x 12' slab with a 6' x 6' grid. The dimensions are 6" (left), 36" (middle), and 6" (right). The grid lines are labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.
- Diagram 6':** Shows a 12' x 12' slab with a 6' x 6' grid. The dimensions are 6" (left), 48" (middle), and 6" (right). The grid lines are labeled 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.

Note: Unless otherwise specified, all EKO's are 7/8" diameter.

Series	Fixture Type	Size	Reflector Material	Optics (Distribution)	# of Lamps	Lamp Type (Wattage)	Ballast Voltage	# of Ballasts	# Lamps per Ballast	Ballast Factor	Ballast Type	Options
ECS	ILL											
Energy Conservation Series	Illuminator	2 - 24" 3 - 36" 4 - 48" 6 - 72" 8 - 96"	M - Miro4 (95% TR) W - White (91% TR)	F - Focused N - Normal S - Spread C - Custom *N - Normal is standard *C - Custom optics are described in "Options" box	2 - 2 Lamp 3 - 3 Lamp 4 - 4 Lamp 2; 3; or 4 *Hsg 4 - 4 Lamp 6 - 6 Lamp 8 - 8 Lamp 6' and 8' Hsg	17 - (2') 17w T8 25 - (3') 25w T8 32 - (4') 32w T8 14 - (2') 14w T5 21 - (3') 21w T5 28 - (4') 28w T5 24 - (2') 24w TSHO 39 - (3') 39w TSHO 54 - (4') 54w TSHO	120 - 120v, 60 Hz 277 - 277v, 60 Hz UNV - 120v-277v, 60 Hz (Multi-Tap) 347 - 347v, 60 Hz 480 - 480v, 60 Hz xxx - Less Ballast *UNV - Universal voltage is standard	S - Slave (Less Ballast) 1 - 1 2 - 2 3 - 3 4 - 4	0 - 0 1 - 1 2 - 2 3 - 3 4 - 4	L - Low N - Normal H - High *If "S" was used in "# of Ballasts" box, mark as "0" *Use suffix "M" for Master (Example: 4M)	IST - Instant Start RST - Rapid Start LVD - Low Voltage Dimming DIM - Line Voltage Dimming SDM - Step-Dimming	ADDITIONAL OPTIONS (Please see separate "Options Sheet" for all available options)

Fluorescent lamps contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and / or with the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org.