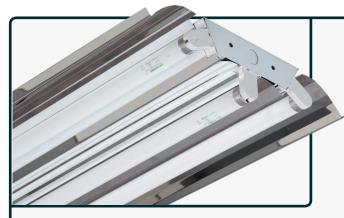


ECS Energy Conservation Series

Fixture Type: **ILL** Illuminator

Project Name Fixture Type Catalog # Quantity



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



Twist-Lock style Lampholders



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



(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" EKOs 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

LAMPHOLDERS:

- 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



information on this fixture type.



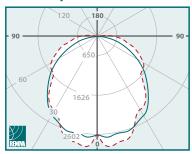


Fixture Type :

ILL Illuminator

Innovative Lighting Ideas Energy Efficient Solutions

3 Lamp Photometric Data

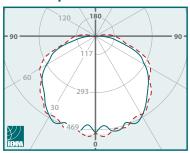


ECS-ILL4-MN-332-UNV-13N

Internal Test Report #: 03922 Total Luminaire Efficiency: 94.3% Spacing Criterion:

- 0 deg 1.31 - 90 deg 1.24 - 180 deg 1.31 - 270 deg 1.24

3 Lamp Photometric Data



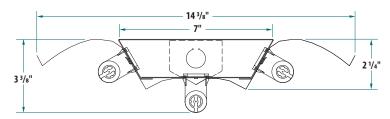
ECS-ILL4-WN-332-UNV-13N

Internal Test Report #: 03945 Total Luminaire Efficiency: 89.2% Spacing Criterion:

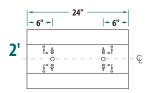
- 0 deg 1.36 - 90 deg 1.41 - 180 deg 1.36 - 270 deg 1.41

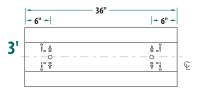
*Please see website for all other photometric data.

3-Lamp T8 Illuminator Cross Section

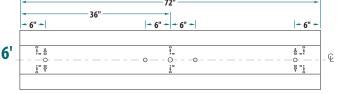


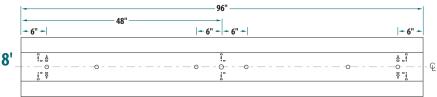
Fixture Housing Dimensions











Note: Unless otherwise specified, all EKOs are 7/8" diameter.

Ordering Information

