Revelation ES Series Specifications

(For specific ES24, ES26, ES33, ES34, ES36, ES44 and ES46 Series details, see page 2)

Revelation ES Series are designed to fit in standard 15/16” or 24mm grid systems or similar hard ceiling finished openings and can be joined together in a variety of configurations.

Drop Ceiling Applications:
EcoSlim light box with attached (Luminous SkyTile sits on, and is clipped to, Revelation Elevator

Hard Ceiling Applications:
EcoSlim light box with attached Luminous SkyTile sits on Revelation Elevator

For drop ceiling and hard ceiling application details, see page 2.

1 Lighting (EcoSlim LED edge lit light box):
- Color temperature: 6500K
- Strict LED binning standards assure consistent & high quality illumination
- State of the art edgelit technologies provide uniform illumination for the Luminous SkyTile graphic
- Housed in a white powder-coated, extruded (non-ferrous) aluminum frame
- Moisture and chemical resistant
- Each unit has a four knock-out junction box
- Compatible with MRI and other RF-free environments

2 Luminous SkyTile (Lens):
- Acrylic, Acrylite, or polycarbonate substrate
- Durable and easy to clean non-glare matte finish
- High resolution reproduction from proprietary digital image file
- Color-calibrated for daylight quality light source
- Fade resistant pigmented inks containing UV inhibitors

3 Revelation Elevator (Frame):
- Durable, moisture resistant and easy to clean
- Quick and easy installation
- Light weight powder-coated aluminum, white matte finish to match standard grid 2.75” (7cm) vertical profile
- Compatible with standard 15/16” or 24mm grid systems or hard ceilings
- Precision machined corners, seamless architectural appearance
- UL, CSA, and CE compliant:
  - ES24, ES26, ES33, ES34, ES36, ES44 and ESCST Series when used with 24PS HLG Power System, UL/CSA Listed or CE Compliant power supply fully certified by Intertek Group plc

Electrical:
- 24V DC
- For amperages and watts of specific fixtures, see page 2
- Sky Factory 24PS HLG Power System
  - Converts 100-240V AC (277V AC North America only) to 24V DC
  - Size and quantity per installation calculated by Sky Factory
  - Power system aluminum enclosure
  - Mounted on baseplate with junction box on input and output ends
- See 24PS HLG Power System Technical Specifications sheet
- Sky Factory provided HLG dimmable power supply (International Only)
  - Converts 100-240V AC (277V AC North America only) to 24V DC
- Client provided UL/CSA Listed or CE Compliant power supply
  - Must convert V AC to 24V DC

Items not provided:
- AC wiring between fuse/breaker panel and 24V DC power system
- DC wiring between 24V DC power system and EcoSlim light box
- Dimmer wiring between 24V DC power system and switch/dimmer control box
- RFI/EMI filters for MRI installations
- See Revelation w/ EcoSlim Installation Instructions; and, Revelation w/ EcoSlim Electrical Packet (24PS HLG), Electrical Instructions (HLG) or Electrical Instructions (Fixture Only)

Ceiling Clearance:
- Fixture height from ceiling grid 6.25” (15.9cm)
- Recommended minimum space above ceiling grid 8.63” (21.9cm)
  - (where access above the ceiling is available from the side, ex: typical grid ceiling)
  - Recommended minimum space above sofit 10.25” (26.1cm)
  - (where access above the ceiling is not available from the side, ex: typical hard ceiling)
- Ceiling height of no less than 9’ (2.74m) recommended
- For help with space constraints, please contact the Sky Factory.

Weight:
- For installed weight of fully assembled Revelation ES Series fixture, see page 2.

Configurations:
- Revelation ES Series fixtures can be grouped together in a wide variety of configurations.

Installation:
- Elevators, tiles and light box easily installed into standard 15/16” or 24mm grid systems
- and can be recessed into a variety of hard ceilings.

US Patent Information:
- Our products, systems, and methods may be protected by one or more of the following US Patents: Pat. 9,164,011, Pat. 8,851,700, Pat. 7,959,316, and Pat. 7,481,550, as well as other patents pending.
## Revelation EcoSlim LED

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<tr>
<td><strong>ES24-RVN Series</strong></td>
<td></td>
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<tr>
<td>ES24</td>
<td>1.53</td>
<td>36.72</td>
<td>35.2 lbs</td>
<td>Fits in standard 2’ x 4’ on center, 15/16” grid system</td>
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<tr>
<td>ES24m</td>
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<td>15.6 kg</td>
<td>Fits in standard 60cm x 120cm on center, 25mm grid system</td>
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<td>ES24g</td>
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<td>16.6 kg</td>
<td>Fits in standard 62.5cm x 125cm on center, 25mm grid system</td>
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<td><strong>ES26-RVN Series</strong></td>
<td>2.38</td>
<td>57.12</td>
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<td>24.5 kg</td>
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<td>ES26m</td>
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<td>26.1 kg</td>
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<td>1.78</td>
<td>42.72</td>
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<td>20.1 kg</td>
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<td>ES33m</td>
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<td>20.4 kg</td>
<td>Fits in standard 93.75cm x 93.75cm on center, 25mm grid system</td>
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<td>23.9 kg</td>
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<td>25.4 kg</td>
<td>Fits in standard 93.75cm x 125cm on center, 25mm grid system</td>
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<td><strong>ES36-RVN Series</strong></td>
<td>2.73</td>
<td>65.52</td>
<td>80.3 lbs</td>
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<td>ES36m</td>
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<td>37.8 kg</td>
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<td>42.3 kg</td>
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<td>ES46m</td>
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<td>45.0 kg</td>
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### Hard Ceiling Application

ESXX-RVN Series fixtures fit in a variety of hard ceiling applications.

Contact Sky Factory for specific finished opening dimensions.