Driven to provide the market with luminaires of an uncompromised caliber, Corelite now presents a complete Iridium family, versatile enough to satisfy any application and sleek enough to please the most discriminating palette. The innovative new Iridium IQ, the “Smart Fixture,” leads the way in optical and aesthetic flexibility with the introduction of a third Slide-N-Lock™ scale, a second optional die-cast end cap, and another opportunity to take advantage of the glare-reduction capability of the Eclipse Louver. Rounding out the family are the Iridium D/I and Iridium Perf which offer a variety of distributions, enabling spaces designed with varied light levels to achieve one cohesive aesthetic feel.
In addition to the familiar standard Straight Iridium end cap, the introduction of the Iridium IQ brings with it a second die-cast end cap with a trimmer finish and a unique taper. The new Beveled end cap is available on all three Iridium suspended fixtures as well as the Iridium Perf wall mounted luminaire. The standard Straight end cap will be provided if no end cap is specified. As always, end caps are mechanically attached without any exposed fasteners in order to sustain the sleek aesthetic appeal.

Media Options

Iridium IQ

The two formed aluminum covers of the downlight isolators effectively isolate the outboard downlight components of the Iridium IQ. When used in a 3 or 4 lamp configuration, the downlight isolators allow complete isolation of uplight and downlight, creating three distinct distributions.

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Taking the level of optical control one step further, Corelite’s Slide-N-Lock optic revolutionizes the concept of variable uplight and downlight percentages within a direct-indirect luminaire. The addition of the innovative Slide-N-Lock to either the new Iridium I or the Iridium D/I enhances downlight control well beyond the traditional single percentage downlight kit.

Beginning at the DL1 setting of 95% downlight, the Slide-N-Lock can be field adjusted in 5% increments up to the DL8 setting of 60% downlight. Because the optic is field adjustable, zones and scenes within a space became completely flexible and can accommodate any task as needed.

The original revolutionary Slide-N-Lock optic designed for the Navigator II can also be specified for the Iridium D/I. Rather than one optic per configuration, the Iridium D/I Slide-N-Lock is a one-size-fits-all optic with 8 settings that are factory pre-set at the specified level and, if necessary, can later be easily adjusted in the field. To adjust, simply depress the control notch, then “slide-n-lock” the optic into the new desired setting.

The launch of the new Iridium IQ is also the introduction of a third scale of Slide-N-Lock that accommodates the isolation of the two outboard lamps only, opening wide a whole new range of opportunity for advanced optical control. When applied in a two lamp fixture, the IQ Slide-N-Lock performs much like the original version, with optical control from 95% to 60% downlight. However, because the Iridium IQ can be specified with up to 4 lamps, there is now the opportunity not only to increase the overall percentage of uplight by adding a center lamp, but to utilize dual-level switching as well. When used in combination with a dimming system, the possibilities become endless.

The original revolutionary Slide-N-Lock optic designed for the Navigator II can also be specified for the Iridium D/I. Rather than one optic per configuration, the Iridium D/I Slide-N-Lock is a one-size-fits-all optic with 8 settings that are factory pre-set at the specified level and, if necessary, can later be easily adjusted in the field. To adjust, simply depress the control notch, then “slide-n-lock” the optic into the new desired setting.

*All distributions based on a 2T8 lamping
**The highest IQ in its class...**

- Direct-indirect or semi-direct fluorescent lighting
- Increased downlight via two segmented open baffles or lensed apertures
- Available with standard Straight or optional Beveled die-cast end caps
- Standard white powder coat finish on housing
- Individual or continuous mounting
- 4’, 8’, or 12’ fixture lengths
- Quick connect wiring
- T8 and T5 capability
- Slide-N-Lock™ optics
- Downlight kit

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**Electrical:**
- T5HO fixtures are prewired with quick wire connectors and use UL listed Class F.T5HO program rapid start fluorescent electronic ballasts.
- T8 fixtures are prewired with quick wire connectors and use standard Class F T8 electronic ballasts, power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

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**Mounting:** Standard aircraft cable mounts on 4’-0”, 8’-0”, and 12’-0” centers. Rigid pendant mount with various ceiling interface details and rigid pendant mounting details.

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**Finish:**
- Standard white acid-etched acrylic lens.
- Optional round perforated or lensed baffle.

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**Optional Eclipse Louver:**
- White perforated blades.
- Optional Eclipse Louver with white perforated blades and ribbed diffuse anodized aluminum runners.

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**Reflector:** Standard white aluminum perforated baffle. Optional Eclipse baffle with perforated baffle and ribbed diffuse anodized aluminum runners.

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**Lens:**
- Standard white opal. Optional round perforated or lensed baffle.

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**Options:**
- DL=Downlight Isolators
- EB=Beveled End Cap
- ES=Straight End Cap (provided if none specified)

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**Ordering Information:**

- Sample order number: 08-315-02-120-AC00-T5-24'-36

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**Construction:**
- Housing is one piece die-formed cold rolled steel, forming a (1/20” x 1/16”) structural profile. Standard for 4’-0” and 8’-0” fixtures.

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**Iridium IQ Series**
- Coated with a white powder coat finish on housing.
- Available in Straight or Beveled die-cast end caps.

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**Photography:**
- Sean Gaydos

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**Lighting Design:**
- Tom Curtis
A means to every end...

...No matter your design goal, the Iridium D/I comes equipped with the louver option to satisfy it. Constructed of semi-specular aluminum, the standard Cross Blade louver is the versatile and efficient louver option, and is also the preferred louver when used in combination with Slide-N-Lock optics. The unique RPerformance louver has been designed to enhance the refined styling of the luminaire and eliminates high angle glare according to RP-1 guidelines. Finally, the Concave Metallic Perf insert is an elegant natural metal accent that creates a subtle sparkle while offering an awareness of the light source, and transforms the Iridium D/I into a semi-indirect luminaire.

Cross Blade Louver (IB-WB)

RPerformance™ Louver (IB-WH)

Concave Metallic Perf (IB-WC)

...
In keeping with the Iridium Family’s ability to impart a customized look with standard options, the Iridium Perf offers the standard Straight die-cast aluminum end cap, as well as the option to specify the new Beveled end cap. As always, the end caps are mechanically attached without any exposed fasteners in order to sustain the streamlined aesthetic appeal.

**Construction:**
- Housing is one piece die-formed cold rolled steel, forming a T500 Series architectural profile. Standard 4’, 8’, and 12’ fixture lengths. Standard white powder coat finish.
- Construction: Housing is one piece die-formed cold rolled steel, forming a T500 Series architectural profile. Standard 4’, 8’, and 12’ fixture lengths. Standard white powder coat finish on housing.

**Reflectors:**
- Reflector pan is painted with a high reflectance white powder coat finish. Optional reflectors are die-formed side reflectors with highly specular anodized aluminum.
- Reflector pan is painted with a high reflectance white powder coat finish. Optional reflectors are die-formed side reflectors with highly specular anodized aluminum.

**Electrical:**
- T5HO fixtures are prewired with quick wire connectors; T8 fixtures are prewired with standard T8 lamp connections. T5HO fixtures use UL listed Class P, T5HO program rapid start universal voltage electronic ballasts; power factor of 97% with less than 10% THD. T8 fixtures use instant start T8 electronic ballasts, power factor of 95% with less than 20% THD. T5HO and T8 fixtures and electrical components certified to UL and CUL standards.
- T8 fixtures are prewired with quick wire connectors; T8 fixtures are prewired with standard T8 lamp connections. T5HO fixtures use UL listed Class P, T5HO program rapid start universal voltage electronic ballasts; power factor of 97% with less than 10% THD. T8 fixtures use instant start T8 electronic ballasts, power factor of 95% with less than 20% THD. T5HO and T8 fixtures and electrical components certified to UL and CUL standards.

**Mounting:**
- Standard aircraft cable mounts on 4’, 8’, and 12’ fixtures. Refer to spec sheets for various ceiling interface details and rigid pendant mounting details.
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**Finish:**
- Fixture housings are standard white using electrostatically applied polyester powder coat paint.
- Fixture housings are standard white using electrostatically applied polyester powder coat paint.

**Options:**
- Straight end cap (ES)
- Beveled end cap (EB)
- Straight end cap (ES)
- Beveled end cap (EB)
In keeping with the sleek profile and sophisticated design of the Iridium series, the Iridium Perf Wall mount offers the standard Straight die-cast aluminum end cap, as well as the option to specify the new Beveled end cap. As always, the end caps are mechanically attached without any exposed fasteners in order to sustain the streamlined aesthetic appeal.

**Sleek and sophisticated to the end...**

- Semi-indirect fluorescent lighting
- Available with standard Straight or optional Beveled die-cast end caps
- Mounts directly to existing structure over standard 2”x4” J-Boxes
- Perforated fixture housing creates a soft downlight component
- Individual or continuous mounting with 4’ or 8’ sections
- Standard white powder coat finish on housing
- Asymmetric forward throw distribution
- Quick connect through wiring
- T8 and T5 capability

**Iridium WALL**

**Ordering Information:**

- **SAMPLE SERIES:** SP-steel-20-
- **CATALOG #:**
- **TYPE #:**

**Reflectors:** Die-formed reflectors are highly specular anodized aluminum.

**Electrical:** T8 fixtures are prewired with quick wire connectors and use high-output electronic ballasts, power factor of 97% with less than 10% THD. T5 fixtures are prewired with quick wire connectors, and non-metallic start kit, using electronic ballasts, power factor of 97% with less than 10% THD. Fixtures and electrical components are listed to UL and CUL standards.

**Construction:** Housing is one piece die-formed cold rolled steel, forming a “2”x4” architectural profile, standard 4’ or 8’ fixture lengths provide for straight and offset runs.

**Dimensions:**

- **Series:** IR-Wall
- **WIRING:**
- **OPTICS UP:** S=Specular
- **OPTICS DOWN:** P=Perforated
- **NUMBER OF LAMPS:**
- **LAMP TYPE:**
- **LAMPS PER LAMP:**
- **NUMBER OF CIRCUITS:**
- **WIRING:**
- **VOLTAGE:**
- **MOUNTING:**
- **RUN LENGTH:** Specify luminaire length in feet.
- **OPTIONS:**
- **ES=Straight End Cap**
- **EB=Beveled End Cap**

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**CoreLite Lighting Design: BCE Engineering, Inc. Photography: Jacqueline Myers**