D/I Extrusions

Corelite’s extensive lines of Direct/Indirect Extruded product families infallibly provide the simple solution to complex spaces. The Element, Loft, Vertechs, Traverse and Navigator families of luminaires offer versatile lighting solutions for modern architectural spaces with their innovative uplight and downlight control features and unique scalability between fixtures. All D/I Extrusion fixtures provide both task and ambient illumination, while offering elegant styling, extruded aluminum housings and up to five unique media options. Corelite’s D/I Extrusions also provide the ideal platform for the revolutionary Slide-N-Lock™ adjustable optics, as well as the cutting-edge Smart Environment control system.
Element

SUSPENDED | DIRECT-INDIRECT / SEMI-INDIRECT | T5 / T5HO / T8

A minimal rectilinear profile with dedication to innovative optical controls is the essence of Element.

- Five downlight media options
- RPerformance™ Louver meets RP1 requirements
- Slide-N-Lock™ optics with 8 field-adjustable settings
- Lamp Isolator kits
- Day-Sense integral daylight sensor and 2Sense integral daylight/occupancy sensor
SUSPENDED ELEMENT

ORDERING INFORMATION:
SAMPLE NUMBER:E2-WM-2N5-1C-UNV-AC48-T1-12

Construction: Housing is 6063 T5 aluminum extrusion forming a 7-1/2” x 2-1/2” rectilinear profile. Standard 4’-0”, 8’-0” and 12’-0” fixture lengths combine for continuous runs.

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

Lenses: Lens is .125” thick clear micro-prismatic acrylic material offering 91% transmission.

Louvres: Cross Blade and RPerformance™ are continuous semi-specular aluminum. Perf is semi-specular material, perforated section is 15% open with 0.062” diameter holes and opal diffuser. High Efficiency is continuous highly reflective painted white aluminum.

Electrical: T5/T5HO fixtures are pre-wired with quick wire connectors and use UL listed Class P, T5/TSHO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. T8 fixtures are pre-wired with quick wire connectors and use UL listed Class P, 265ma T8 instant start universal voltage electronic ballasts, power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

Mounting: Standard aircraft cable mounts on 4’-0”, 8’-0” and 12’-0” centers. Refer to installation section for various ceiling interface details and rigid pendant mounting details.

Finish: Fixture housings are standard white using electrostatically applied polyester powder coat paint.

End Caps: Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.

OPTIONS
Slide-N-Lock™ (page 20-21)
DL1=95% Downlight
DL2=80% Downlight
DL3=65% Downlight
DL4=50% Downlight
Lamp Isolator KIts* (page 20-21)
DL/D=2 lamps up 1 lamp down
DL/DD=2 lamps up 1 lamp up
DL/DX=2 lamps up
DL/DX=2 lamps down
DL/DX=1 lamp down
DL/DX=1 lamp up
DS=Day-Sense Integral Daylight Sensor
2S=2Sense Integral Daylight/Occupancy Sensor

*Not all options available. Please consult your Cooper Lighting Representative for availability and technical information. Specifications and dimensions subject to change without notice.
Element Micro

SUSPENDED | DIRECT-INDIRECT | T5 / T5HO / T8

The Element Micro offers maximized performance in a modern micro-scaled package.

- Highly efficient micro prismatic lens
**ORDERING INFORMATION:**

**SAMPLE NUMBER:** E1-WM-2N5-1C-UNV-AC48-T1-12

- **Construction:** Housing is 6063 T5 aluminum extrusion forming a 5-1/4" x 2-1/2" rectilinear profile. Standard 4'-0", 8'-0" and 12'-0" fixture lengths combine for continuous runs.

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

- **Lens:** Lens is .125" thick clear micro-prismatic acrylic material offering 91% transmission.

- **Electrical:** T5/T5HO fixtures are pre-wired with quick wire connectors and use UL listed Class P, T5/T5HO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. T8 fixtures are pre-wired with quick wire connectors and use UL listed Class P, 265ma T8 instant start universal voltage electronic ballasts, power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

- **Mounting:** Standard aircraft cable mounts on 4'-0", 8'-0" and 12'-0" centers. Refer to installation section for various ceiling interface details and rigid pendant mounting details.

- **Finish:** Fixture housings are standard white using electrostatically applied polyester powder coat paint.

- **End Caps:** Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.

**SUSPENDED ELEMENT MICRO**

**Dimensions do not include end plates or caps**

---

**SAMPLE NUMBER:** E1-WM-2N5-1C-UNV-AC48-T1-12

**CATALOG #:**

- **SERIES:**
  - E1=Element Micro Suspended

- **OPTICS UP:**
  - W=White
  - S=Specular

- **OPTICS DOWN:**
  - M=Micro Prismatic Lens

- **NUMBER OF LAMPS:**
  - 1=1 Lamp (N5, T5, T8)
  - 2=2 Lamps (N5, T5)

- **LAMP TYPE:**
  - N5=T5 Normal Output
  - T5=T5 High Output
  - T8=T8 Normal Output

- **NUMBER OF CIRCUITS**: 
  - 1=1 Circuit
  - 2=2 Circuits

- **WIRING:**
  - C=Standard Circuit
  - D=Dimming
  - E=Emergency
  - B=Battery Pack
  - T=Nightlight
  - Y=Daylight

- **VOLTAGE:**
  - 120=120V
  - 277=277V
  - 347=347V
  - UNV=Universal (120V-277V)

- **SUSPENSION:**
  - A=Aircraft Cable
  - P=Rigid Pendant

- **POWER FEED:**
  - C=Straight Cord
  - K=Curly Cord
  - P=Rigid Pendant

- **SUSPENSION LENGTH:**
  - Adjustable Cable
  - 48", 96", 144" (infinite adjustment along entire length of cable)

- **CEILING TYPE:**
  - T1=1" T-Bar
  - T8=8/16" T-Bar
  - ST=Slotted T-Bar
  - ST=Structure
  - JB=4" Octagonal J-Box

- **RUN LENGTH:**
  - Specify luminaire length in feet.
  - Individually Mounted
  - Continuously Mounted
  - Standard row configurations over 12' consist of 8' and 12' sections.

---

**PROJECT NAME:**

**TYPE:**

**CATALOG #:**

- **-**

---

*Not all options available. Please consult your Cooper Lighting Representative for availability and technical information. Specifications and dimensions subject to change without notice.*
Loft

**SUSPENDED | DIRECT-INDIRECT / SEMI-INDIRECT | T5 / T5HO / T8**

The exceptionally versatile Loft takes efficiency and modern design sophistication to new heights.

- Micro Prismatic Lens (L2-WM)
- Cross Blade Parabolic Louver (L2-WB)
- RPerformance™ Louver (L2-WH)
- Concave Metallic Perf (L2-WC)
- High Efficiency Louver (L2-WW)

- Slide-N-Lock™ (pages 19-20)
- Lamp Isolators (pages 19-20)
- Day-Sense
- 2Sense
- Loft Wall

- Five downlight media options
- RPerformance™ Louver meets RP1 requirements
- Slide-N-Lock™ optics with 8 field-adjustable settings
- Lamp Isolator kits
- Day-Sense integral daylight sensor and 2Sense integral daylight/occupancy sensor
### SUSPENDED LOFT

**ORDERING INFORMATION:**

**SAMPLE NUMBER:** L2-WM-1T5-1C-UNV-AC48-T1-12

**Construction:**
Housing is 6063 T5 aluminum extrusion forming a 7-1/2” x 2-1/2” angled profile. Standard 4’, 8’ and 12’ fixture lengths combine for continuous runs.

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

**Lenses:**
Lens is 0.125” thick clear micro-prismatic acrylic material offering 91% transmission.

**Louvers:**
Cross Blade and RPerformance™ are continuous semi-specular aluminum. Perf is semi-specular material, perforated section is 15% open with 0.062” diameter holes and opal diffuser. High Efficiency is continuous highly reflective painted white aluminum.

**Electrical:**
T5/T5HO fixtures are pre-wired with quick wire connectors and use UL listed Class P, T5/T5HO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. T8 fixtures are pre-wired with quick wire connectors and use UL listed Class P, 265ma T8 instant start universal voltage electronic ballasts, power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

**Mounting:**
Standard aircraft cable mounts on 4’, 8’ and 12’ centers. Refer to installation section for various ceiling interface details and rigid pendant mounting details.

**Finish:**
Fixture housings are standard white using electrostatically applied polyester powder coat paint.

**End Caps:**
Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.

---

### Dimensions

- 48”
- 96”
- 144”

Dimensions do not include end plates or caps.

---

### CEILING TYPE

- T1=1” T-Bar
- T9=9/16” T-Bar
- TS=Slotted T-Bar
- ST=Structure
- JB=4” Octagonal J-Box

### RUN LENGTH

Specify luminaire length in feet.
- Individually Mounted
- Continuously Mounted

Standard row configurations over 12’ consist of 8’ and 12’ sections.

### OPTIONS

- Slide-N-Lock™ (page 20-21)
- Lamp Isolator Kits* (page 20-21)

### RUN LENGTH

Specify luminaire length in feet.
- Individually Mounted
- Continuously Mounted

Standard row configurations over 12’ consist of 8’ and 12’ sections.

---

### ORDERING INFORMATION:

**PROJECT NAME:**

**TYPE:**

**CATALOG #:**

---

*Not all options available. Please consult your Cooper Lighting Representative for availability and technical information. Specifications and dimensions subject to change without notice.*
Loft Micro

SUSPENDED | DIRECT-INDIRECT | T5 / T5HO / T8

The Loft Micro combines maximized performance with a uniquely minimalistic profile.

- Highly efficient micro prismatic lens
ORDERING INFORMATION:
SAMPLE NUMBER:L1-WM-1T5-1C-UNV-AC48-T1-12

Construction: Housing is 6063 T5 aluminum extrusion forming a 5-7/8" x 2-1/2" angled profile. Standard 4'-0", 8'-0" and 12'-0" fixture lengths combine for continuous runs.

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

Lens: Lens is .125" thick clear micro-prismatic acrylic material offering 91% transmission.

Electrical: T5/T5HO fixtures are pre-wired with quick wire connectors and use UL listed Class P, T5/T5HO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. T8 fixtures are pre-wired with quick wire connectors and use UL listed Class P, 265ma T8 instant start universal voltage electronic ballasts, power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

Mounting: Standard aircraft cable mounts on 4'-0", 8'-0" and 12'-0" centers. Refer to installation section for various ceiling interface details and rigid pendant mounting details.

Finish: Fixture housings are standard white using electrostatically applied polyester powder coat paint.

End Caps: Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.

END CAPS

Dimensions do not include end plates or caps

---

ORDERING INFORMATION:
SAMPLE NUMBER:L1-WM-1T5-1C-UNV-AC48-T1-12

Construction: Housing is 6063 T5 aluminum extrusion forming a 5-7/8" x 2-1/2" angled profile. Standard 4'-0", 8'-0" and 12'-0" fixture lengths combine for continuous runs.

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

Lens: Lens is .125" thick clear micro-prismatic acrylic material offering 91% transmission.

Electrical: T5/T5HO fixtures are pre-wired with quick wire connectors and use UL listed Class P, T5/T5HO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. T8 fixtures are pre-wired with quick wire connectors and use UL listed Class P, 265ma T8 instant start universal voltage electronic ballasts, power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

Mounting: Standard aircraft cable mounts on 4'-0", 8'-0" and 12'-0" centers. Refer to installation section for various ceiling interface details and rigid pendant mounting details.

Finish: Fixture housings are standard white using electrostatically applied polyester powder coat paint.

End Caps: Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.

---

ORDERING INFORMATION:
SAMPLE NUMBER:L1-WM-1T5-1C-UNV-AC48-T1-12

Construction: Housing is 6063 T5 aluminum extrusion forming a 5-7/8" x 2-1/2" angled profile. Standard 4'-0", 8'-0" and 12'-0" fixture lengths combine for continuous runs.

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

Lens: Lens is .125" thick clear micro-prismatic acrylic material offering 91% transmission.

Electrical: T5/T5HO fixtures are pre-wired with quick wire connectors and use UL listed Class P, T5/T5HO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. T8 fixtures are pre-wired with quick wire connectors and use UL listed Class P, 265ma T8 instant start universal voltage electronic ballasts, power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

Mounting: Standard aircraft cable mounts on 4'-0", 8'-0" and 12'-0" centers. Refer to installation section for various ceiling interface details and rigid pendant mounting details.

Finish: Fixture housings are standard white using electrostatically applied polyester powder coat paint.

End Caps: Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.
Vertechs

SUSPENDED | DIRECT-INDIRECT / SEMI-INDIRECT | T5 / T5HO / T8

Vertechs embodies the twenty-first century demands of architecturally attractive and efficient design.

- Micro Prismatic Lens (VB-WM)
- Cross Blade Parabolic Louver (VB-WB)
- RPerformance™ Louver (VB-WH)
- Concave Metallic Perf (VB-WC)
- High Efficiency Louver (VB-WW)

- Slide-N-Lock™ (pages 19-20)
- Lamp Isolators (pages 19-20)
- Day-Sense
- 2Sense

- Five downlight media options
- RPerformance™ Louver meets RP1 requirements
- Slide-N-Lock™ optics with 8 field-adjustable settings
- Lamp Isolator kits
- Day-Sense integral daylight sensor and 2Sense integral daylight/occupancy sensor
ORDERING INFORMATION:
SAMPLE NUMBER: VB-WB-2T8-1C-UNV-AC48-T1-32'-DL5

Construction: Housing is 6063 T5 aluminum extrusion forming a 9"x2-1/2" rectangular profile. Standard 4'-0", 8'-0", and 12'-0" fixture lengths combine for continuous runs.

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

Lens: Lens is .125" thick clear micro-prismatic acrylic material offering 91% transmission.

Louvers: Cross Blade and RPerformance™ are continuous semi-specular aluminum. Perf is semi-specular material, perforated section is 15% open with 0.062" diameter holes and opal diffuser. High Efficiency is continuous highly reflective painted white aluminum.

Electrical: T5/T5HO fixtures are pre-wired with quick wire connectors and use UL listed Class P, T5/T5HO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. T6 fixtures are pre-wired with quick wire connectors and use UL listed Class P, 265ma T8 instant start universal voltage electronic ballasts, power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

Mounting: Standard aircraft cable mounts on 4'-0", 8'-0", and 12'-0" centers. Refer to spec sheets for various ceiling interface details and rigid pendant mounting details.

Finish: Fixture housings are standard white using electrostatically applied polyester powder coat paint.

End Caps: Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.

SUSPENDED VERTECHS
Traverse

SUSPENDED | DIRECT-INDIRECT / SEMI-INDIRECT | T5 / T5HO / T8

No matter the design goal, the Traverse is equipped with the media and controls to achieve it.

- Five downlight media options
- RPerformance™ Louver meets RP1 requirements
- Slide-N-Lock™ optics with 8 field-adjustable settings
- Lamp Isolator kits
- Day-Sense integral daylight sensor and 2Sense integral daylight/occupancy sensor
ORDERING INFORMATION:
SAMPLE NUMBER: TB-WB-3T8-1C-UNV-AC48-T1-32

Construction: Housing is 6063 T5 aluminum extrusion forming a 9"x2-7/8" rectangular profile. Standard 4'-0", 8'-0", and 12'-0" fixture lengths combine for continuous runs.

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

Lens: Lens is .125" thick clear micro-prismatic acrylic material offering 91% transmission.

Louvers: Cross Blade and RPerformance™ are continuous semi-specular aluminum. Perf is semi-specular material, perforated section is 15% open with 0.062" diameter holes and opal diffuser. High Efficiency is continuous highly reflective painted white aluminum.

Electrical: T5/T5HO fixtures are pre-wired with quick wire connectors and use UL listed Class P, T5/T5HO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. T8 fixtures are pre-wired with quick wire connectors and use UL listed Class P 265ma T8 instant start universal voltage electronic ballasts, power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

Mounting: Aircraft cable mounts on 4'-0", 8'-0", and 12'-0" centers. Refer to spec sheets for various ceiling interface details and rigid pendant mounting details.

Finish: Fixture housings are standard white using electrostatically applied polyester powder coat paint.

End Caps: Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.
Navigator II

SUSPENDED | DIRECT-INDIRECT / SEMI-INDIRECT | T5 / T5HO / T8

The classic Navigator II, now updated and tailored to the requirements of contemporary design.

- Five downlight media options
- RPerformance™ Louver meets RP1 requirements
- Slide-N-Lock™ optics with 8 field-adjustable settings
- Lamp Isolator kits
- Day-Sense integral daylight sensor and 2Sense integral daylight/occupancy sensor
ORDERING INFORMATION:
SAMPLE NUMBER: NB-WB-2N5-1C-UNV-AC48-T1-32-DL1

Construction: Housing is 6063 T5 aluminum extrusion forming a 9" x 2-7/8" rounded profile. Standard 4'-0", 8'-0", and 12'-0" fixture lengths combine for continuous runs.

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

Lens: Lens is .125" thick clear micro-prismatic acrylic material offering 91% transmission.

Louvers: Cross Blade and RPerformance™ are continuous semi-specular aluminum. Perf is semi-specular material, perforated section is 15% open with 0.062" diameter holes and opal diffuser. High Efficiency is continuous highly reflective painted white aluminum.

Electrical: T5/T5HO fixtures are pre-wired with quick wire connectors and use UL listed Class P, T5/T5HO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. T8 fixtures are pre-wired with quick wire connectors and use UL listed Class P, 265mA T8 instant start universal voltage electronic ballasts, power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

Mounting: Standard aircraft cable mounts on 4'-0", 8'-0", and 12'-0" centers. Refer to spec sheets for various ceiling interface details and rigid pendant mounting details.

Finish: Fixture housings are standard white using electrostatically applied polyester powder coat paint.

End Caps: Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.

Dimensions do not include end plates or caps.

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CATALOG #: ________ TYPE: ________

PROJECT NAME: ________

SUSPENDED NAVIGATOR II

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*Not all options available. Please consult your Cooper Lighting Representative for availability and technical information. Specifications and dimensions subject to change without notice.
Minigator

SUSPENDED | DIRECT-INDIRECT / SEMI-INDIRECT | T5 / T5HO / T8

The Minigator offers a minimal profile with the same immense capabilities as its larger counterpart.

- Five downlight media options
- RPerformance™ Louver meets RP1 requirements
- Slide-N-Lock™ optics with 8 field-adjustable settings
- Lamp Isolator kits
- Day-Sense integral daylight sensor and 2Sense integral daylight/occupancy sensor
SUSPENDED MINIGATOR

ORDERING INFORMATION:
SAMPLE NUMBER: MB-WB-2T8-1C-UNV-AC48-T1-32'-DL5

Construction: Housing is 6063 T5 aluminum extrusion forming a 6-3/4”x2-1/2” rounded profile. Standard 4’-0”, 8’-0”, and 12’-0” fixture lengths combine for continuous runs.

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

Lens: Lens is .125” thick clear micro-prismatic acrylic material offering 91% transmission.

Louvres: Cross Blade and RPerformance™ are continuous semi-specular aluminum. Perf is semi-specular material, perforated section is 15% open with 0.062” diameter holes and opal diffuser. High Efficiency is continuous highly reflective painted white aluminum.

Electrical: T5/T5HO fixtures are pre-wired with quick wire connectors and use UL listed Class P, T5/T5HO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. T8 fixtures are pre-wired with quick wire connectors and use UL listed Class P. 265ma T8 instant start universal voltage electronic ballasts, power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

Mounting: Standard aircraft cable mounts on 4’-0”, 8’-0”, and 12’-0” centers. Refer to spec sheets for various ceiling interface details and rigid pendant mounting details.

Finish: Fixture housings are standard white using electrostatically applied polyester powder coat paint.

End Caps: Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.

*Not all options available. Please consult your Cooper Lighting Representative for availability and technical information. Specifications and dimensions subject to change without notice.
SLIDE-N-LOCK™

The original revolutionary Slide-N-Lock™ optics designed for the Navigator II can also be specified for all D/I Extruded families. Rather than one optic per configuration, the 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.

- 8 UPLIGHT AND DOWNLIGHT SETTINGS
- FULLY FIELD ADJUSTABLE

LAMP ISOLATORS

The ability to isolate uplight and downlight when combined with dual circuit wiring is an added feature of several Corelite fixtures. This feature is ideal for training rooms, classrooms and lecture halls where three light levels may be required to accommodate a variety of room tasks.

- ADDED FLEXIBILITY WITH DUAL CIRCUIT WIRING
- IDEAL FOR MEDIA PRESENTATIONS
**Application Example > Supermarket – Low-Energy Stacks**

**Scenario 1**
- **14’ Ceiling**
- 11.5’ Mounting height
- **3T8** “Open” configuration
- Average Horizontal Illuminance (.8 Ilf)
  - Vertical Shelf Surface: 25.9 fc
  - Floor: 39.5 fc
  - Ceiling: 114.0 fc
- 1.43 Watts per sq ft
- Lamp: Standard T8, 3000 initial lumens
  - Ballast: .88 Ballast factor, 85 input watts

**Scenario 2**
- **14’ Ceiling**
- 9’ Mounting height
- **2T8** DL5 ("super" T8) configuration
- Average Horizontal Illuminance
  - Vertical Shelf Surface: 28.8 fc
  - Floor: 41.5 fc
  - Ceiling: 19.8 fc
- 0.85 Watts per sq ft
- **Lamp:** "Super T8", 3100 Initial Lumens
  - Ballast: .88 Ballast Factor, 55 input watts

**SUMMARY**
Scenario 1 illustrates a typical direct-indirect supermarket application wherein luminaires are suspended high above the floors and aligned with the aisles. Although the bright ceiling surfaces create an "open" feel, wasted light in the ceiling truss represents wasted energy.

**Scenario 2**
- **14’ Ceiling**
- 9’ Mounting height
- **2T8** DL5 ("super" T8) configuration
- Average Horizontal Illuminance
  - Vertical Shelf Surface: 28.8 fc
  - Floor: 41.5 fc
  - Ceiling: 19.8 fc
- 0.85 Watts per sq ft
- **Lamp:** “Super T8”, 3100 Initial Lumens
  - Ballast: .88 Ballast Factor, 55 input watts

**SUMMARY**
By lowering the luminaire’s mounting height, eliminating a lamp, utilizing an ultra energy efficient lamp/ballast combination and adding Slide-N-Lock™ Optics in the DL5 configuration, light levels improve and energy consumption is substantially reduced. Although the uplight is lowered dramatically, 25% of the total output still gently illuminates the ceiling for subtle luminous effects.

**IMPROVED VERTICAL AND HORIZONTAL ILLUMINANCE USING 40% LESS ENERGY!**

**Application Example > Classroom/Training Room**

**Scenario 1**
- **D-U-D Lamp Isolator configuration**
- Outboard lamps at 100%
- Inboard lamp at 100%

Maximum system brightness for clean-up and non-media presentations, notice the screen is washed out.

**Scenario 2**
- **D-U-D Lamp Isolator configuration**
- Outboard lamps off, inboard lamp at 5%

This setting creates enough ambient illumination for wayfinding and note taking while creating ideal projection screen contrast.

**Scenario 3**
- **D-U-D Lamp Isolator configuration**
- Outboard lamps at 100%
- Inboard lamp off

This condition creates recommended light levels for reading and writing while also creating great projection screen contrast by eliminating the uplight component.
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<th>Company</th>
<th>Address</th>
<th>Phone</th>
<th>Fax</th>
</tr>
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<tbody>
<tr>
<td>Corelite</td>
<td>4675 Holly Street, Denver, CO 80216</td>
<td>303-393-1522</td>
<td>303-393-1477</td>
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<tr>
<td>Cooper Lighting</td>
<td>1121 Highway 74 South, Peachtree City, GA 30269</td>
<td>770-486-4800</td>
<td>770-486-4801</td>
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<tr>
<td>Canada</td>
<td>5925 McLaughlin Road, Mississauga, Ontario L5R 1B8</td>
<td>905-507-4000</td>
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<td>International Sales, USA</td>
<td>1121 Highway 74 South, Peachtree City, GA 30269</td>
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**Domestic Facilities**
- Cranbury, New Jersey
- Elk Grove Village, Illinois
- Irving, Texas
- Ontario, California
- Peachtree City, Georgia

**Canadian Facilities**
- Calgary, Alberta T2E 7V9
- Mississauga, Ontario L5R 1B8

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