FINELITE’S PERSONAL LIGHTING SYSTEM

SPECIFICATIONS

ACTUAL SIZE

2.5”

0.8”
Initial illuminance values in footcandles calculated using LM79 photometric reports to the desk surface at 10”, 12” and 14”, lamp head mounting heights.

Max Extension: 16.2”

Max Height: 16.9”

Pivot Point

PATENT PENDING
Optimized Heat Radiation for Long Life
6W DESK LAMP

Initial illuminance values in footcandles calculated using LM79 photometric reports to the desk surface at 10", 12" and 14", lamp head mounting heights.

- Pivot Point
- Max Extension: 19.6"
- Max Height: 20.0"
- Optimized Heat Radiation for Long Life

P A T E N T P E N D I N G
Initial illuminance values in footcandles calculated using LM79 photometric reports to the desk surface at 10", 12" and 14", lamp head mounting heights.
**DESK LAMP TECHNICAL SPECIFICATIONS**

- **Light Source**
  Solid State Lighting: 1-Watt Warm White LEDs

- **Junction Temperature**
  $T_j < 80 \, ^\circ C (175^\circ F)$

- **Light Source Life**
  > 50,000 hours

- **Color Temperature**
  3500 K (3W DL - 4000K)

- **Fixture Efficacy**
  27-39 Lm/W

- **Cabling**
  12-ft low voltage power cable with in-line switch

- **Certification**
  UL / C-UL Listed

- **Power Supplies**
  See last page for more information.

<table>
<thead>
<tr>
<th></th>
<th>3W Desk Lamp</th>
<th>6W Desk Lamp</th>
<th>9W Desk Lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number of 1-Watt LEDs</strong></td>
<td>Three</td>
<td>Six</td>
<td>Nine</td>
</tr>
<tr>
<td><strong>Input to Fixture</strong></td>
<td>24 VDC (3.9 watts nominal)</td>
<td>24 VDC (6.8 watts nominal)</td>
<td>24 VDC (10.4 watts nominal)</td>
</tr>
<tr>
<td><strong>Fixture Head Size</strong></td>
<td>3.75&quot;l x 2.05&quot;w x 0.38&quot;t</td>
<td>4.46&quot;l x 2.76&quot;w x 0.38&quot;t</td>
<td>5.5&quot;l x 3.46&quot;w x 0.38&quot;t</td>
</tr>
<tr>
<td><strong>Cat. No.</strong></td>
<td>DL-3W-B (Black)</td>
<td>DL-6W-B (Black)</td>
<td>DL-9W-B (Black)</td>
</tr>
<tr>
<td></td>
<td>DL-3W-S (Silver)</td>
<td>DL-6W-S (Silver)</td>
<td>DL-9W-S (Silver)</td>
</tr>
</tbody>
</table>

- **Mounting Options**
  Clamp / Weighted Base / Mounting Plate (Available in Black or Silver)

**Clamp**
Zero-clearance clamp affixes to back of desk without removing desk from cube for 1” - 2.5” thick desk.
Cat No. CL-B / CL-S

**Weighted Base (For 3W Desk Lamp)**
4” x 4” x 3/4” with integral pin and protective feet.
Cat No. WB-4-B / WB-4-S

**Weighted Base (For 6W / 9W Desk Lamp)**
5” x 5” x 3/4” with integral pin and protective feet.
Cat No. WB-5-B / WB-5-S

**Mounting Plate**
Flush mounting on table or work surface (1” - 1.5” thick).
Cat No. MP-B / MP-S

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Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.
Initial illuminance values in footcandles calculated using LM79 photometric reports to the desk surface.
• Light Source
  Solid State Lighting: 1-Watt Warm White LEDs

• Junction Temperature
  $T_j < 80 \, ^\circ C (175^\circ F)$

• Light Source Life
  $> 50,000$ hours

• Color Temperature
  $3500 \, K$

• Fixture Efficacy
  $34-41 \, \text{Lm/W}$

• Cabling
  12-ft low voltage power cable with in-line switch / 6” patch cord / Cable management clips

• Certification
  UL / C-UL Listed

• Power Supplies
  See last page for more information.

<table>
<thead>
<tr>
<th>3W Undercabinet</th>
<th>6W Undercabinet</th>
<th>9W Undercabinet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of 1-Watt LEDs</td>
<td>Three</td>
<td>Six</td>
</tr>
<tr>
<td>Input to Fixture</td>
<td>24 VDC (4.0 watts nominal)</td>
<td>24 VDC (7.6 watts nominal)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>10.3”l x 2.5”w x 0.8t</td>
<td>21.3”l x 2.5”w x 0.8”t</td>
</tr>
<tr>
<td>Cat. No.</td>
<td>UC-3W-S (Silver)</td>
<td>UC-6W-S (Silver)</td>
</tr>
</tbody>
</table>

• Mounting Options
  Each UC fixture is supplied with magnetic or mechanical mounting means.

  Rare earth super-magnets provided pre-installed for mounting directly on steel.

  *Note:* This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. Remove rare earth magnets when installing with wood screws. Contact factory.
POWER SUPPLIES

• Power Supply 21 Watts  
  Cat No. PS-21W  
  For use with any combination of PLS fixtures up to 21 watts  
  Input voltage: 100-240 VAC: 50-60Hz [Supplied with 5-ft AC power cord]  
  Output voltage: 24VDC [Output wattage is limited to 27W max]  
  (4) 2.5mm output jacks  
  (1) RJ11 jack for optional Watt Stopper DIF-110 occupancy sensor  
  Integrated switch to override occupancy sensor  
  Dimensions: 5.5” x 5.2” x 1.4” • Finish: Matte Black • UL / C-UL Listed

• Power Supply 60 Watts  
  Cat No. PS-60W  
  For use with any combination of PLS fixtures up to 60 watts  
  Input Voltage: 100-240 VAC: 50-60Hz [Supplied with 5-ft AC power cord]  
  Output Voltage: 24VDC [Output wattage is limited to 68W max]  
  (4) 2.5mm output jacks  
  (1) RJ11 jack for optional Watt Stopper DIF-110 occupancy sensor  
  Integrated switch to override occupancy sensor  
  Dimensions: 5.5” x 5.2” x 1.4” • Finish: Matte Black • UL / C-UL Listed

CABLES

• Patch Cables  
  (UC only) Daisy chains two male 1.3mm jacks.  
  Cat No. CP-3  [3” Cable, Patch UC]  
  Cat No. CP-6  [6” Cable, Patch UC]  
  Cat No. CP-14  [14” Cable, Patch UC]  
  Cat No. CP-28  [28” Cable, Patch UC]

• Power Cables  
  (UC only)  
  Cat No. CPS-12  [12’ Cable, Power SW, UC]  
  Cat No. CPN-12  [12’ Cable, Power N/SW, UC]

• Splitter Cable  
  (DL or UC)  
  Cat No. CY-6  [6” Cable, Splitter]

• Extension Cable  
  (DL or UC)  
  Cat No. CX-8  [8” Cable, Ext]

ACCESSORIES

• Occupancy Sensor  
  Cat No. DIF-110  
  Uses passive infrared (PIR) technology to detect occupancy  
  User adjustable time delay of 30 seconds to 30 minutes  
  Fresnel lens with up to 120° and 300 square feet of coverage  
  ASIC technology reduces components and enhances reliability  
  UL / C-UL Listed

Please refer to the PLS instruction sheet for system warranty information.