HEALTHCARE
LIGHTING DESIGN
CONCEPT STATEMENT: LIGHTING IS DESIGNED FOR USERS TO FIND THE WAY OUT EASILY.
SCOPE OF WORK

1: LOBBY
2: GALLERY
3: CHAPEL
4: WELCOME SPECIALIST
5: ACUTE CARE WAITING
6: NURSE CHARTING

LIGHTING WORKSHOP: HEALTHCARE
NAOKO YAMAZAKI
OVERALL FEELING IN THE SPACE

LED Downlight: LT-2
Slot light: LT-1
Wall slot: LT-1
Task Lighting: LT-3

Lobby, gallery/ corridor/ Acute Waiting/ Nurse Charting
OVERALL FEELING IN THE SPACE

FIXTURE IMG IN THE SPACE

Slot Light: LT-1

LED Downlight: LT-2

Lobby, Gallery, Acute Waiting, Welcome Specialist/ Nurse Charting
Slot Light: LT-1
LED Downlight: LT-2

Lobby, gallery, Acute Waiting, Welcome Specialist, Nurse Charting

LIGHTING WORKSHOP: HEALTHCARE
NAOKO YAMAZAKI
Chappel

Cove Light: LT-4

Slot light that defines the space within the space

With Slot light that defines the focal point

Feeling that let you relax, meditate
Lobby, gallery, Acute Waiting, Welcome Specialist, Nurse Charting

LIGHTING WORKSHOP: HEALTHCARE

NAOKO YAMAZAKI
IMG #1
Slot light along the wall

IMG #2
LED Downlight above nurse charting desk and circulation area

LED Downlight: LT-2
LED Downlight: LT-5
Slot Light: LT-1
<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Location</th>
<th>Manufacturer Specification</th>
<th>Lamp</th>
<th>Notes/Accessories</th>
<th>Quantity</th>
<th>Individual Load</th>
<th>Total Load</th>
<th>Dim</th>
<th>Rev</th>
</tr>
</thead>
<tbody>
<tr>
<td>LT-1</td>
<td>New Slot Light</td>
<td>Lobby/ Nurse Charting/ Gallery/ Acute Waiting/ Welcome Specialist</td>
<td>Philips Color Kinetics</td>
<td>Integrated LED (2700K)</td>
<td>Refer to DWG</td>
<td>&lt;13 W / linear foot</td>
<td>Refer to DWG</td>
<td>NO</td>
<td></td>
<td></td>
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<tr>
<td>LT-2</td>
<td>New LED Downlight</td>
<td>Lobby/ Gallery/ Acute Waiting/ Welcome Specialist</td>
<td>Medmaster envelope regressed downlight</td>
<td>LED (3000K)</td>
<td>Refer to DWG</td>
<td>26w</td>
<td>Refer to DWG</td>
<td>Dimmable</td>
<td></td>
<td></td>
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<tr>
<td>LT-3</td>
<td>New Task Light</td>
<td>Lobby/ Nurse Charting/ Welcome Specialist</td>
<td>Legion 311</td>
<td>1-FBTS-PH</td>
<td>Refer to DWG</td>
<td>24W</td>
<td>Refer to DWG</td>
<td>NO</td>
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<td></td>
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<tr>
<td>LT-4</td>
<td>New LED CoveLight</td>
<td>Chapel</td>
<td>dreamscape LED 5000 series</td>
<td>Integral White LED (2700K)</td>
<td>Refer to DWG</td>
<td>2.5w / linear foot</td>
<td>Refer to DWG</td>
<td>Dimmable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LT-5</td>
<td>New LED Downlight</td>
<td>Nurse Charting</td>
<td>Whitecroft LDR micro/micro tilt</td>
<td>LED 3 x 1W</td>
<td>Refer to DWG</td>
<td>3W / linear foot</td>
<td>Refer to DWG</td>
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<td></td>
<td></td>
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</tbody>
</table>
LT-1 LED DOWNLIGHT
MINI MY-T-LITE™

Series 311

APPLICATIONS
Legion's shallow MINI-MY-T-LITE™ Series 311 utilizes the new energy efficient high-intensity output TS lamps. A high quality, ultra thin and narrow profile specification grade fluorescent luminaire formed of heavy gauge steel, with concealed ballast mounting screws. The low key silhouette design fits virtually anywhere, blending unobtrusively with any decor.

The choice of designers, and specifiers for homes, schools, banks, offices, hospitals etc.

Available in various sizes and wattages. Easily installed and maintained.

SPECIFICATIONS
CONSTRUCTION: Die formed of heavy gauge steel, rigidly fabricated to insure true and perfect alignment.
MOUNTING: At Mini-My-T-Lite™ fluorescent can be mounted individually or in continuous rows, knockouts provided at both ends for feed-thru and entry.
ELECTRICAL: Wound with "HES", high performance standard, "P" thermally protected ballasts, or TS rapid start 450 MA for 14W, 21W, 29W and 450 MA to 300 MA x 24W, 32W SAVIHO Electronic High Power Factor. Class <1 THD (less than 10% Total Harmonic Distortion). FGC Listed for Type I for 118 volt 60 Hz operation. Other voltages and frequencies available, CONSULT FACTORY. All electrical components mounted on wiring channel for ease of installation and servicing.
SHIELDING: Linear ribbed clear prismatic acrylic wrap around plastic standard, dust proof and flexible, easily snapped in and out for remanufacturing.
FINISH: All steel components parts are completely protected against rust and discoloration by an Anchorizing Process and coated with 360° high quality sprayed baked white synthetic enamel for maximum durability, providing a high reflective efficiency.

MINI-MY-T-LITE™ is a trademark of LEGION LIGHTING CO., INC.
LEGION is a registered trademark of LEGION LIGHTING CO., INC.
LED 5000 SERIES
CONTINUOUS LED LIGHTING SYSTEM FOR COVES AND ARCHITECTURAL DETAILS

In order to truly harness the energy and maintenance savings benefits of LED, manufacturers have been scrambling to identify applications that will suit the type of output that LED is capable of.

As an accent light that brings out the intricacies of architectural detail, or softly illuminates cove and baseboard, LED can be a major asset not only for the lighting designer, but also to the site owner / manager who looks for cost-effective lighting while pursuing a “green”, or environmental approach for their home or business.

Dreamscape Lighting’s 5000 Series and 5200 Series for wet location utilizes a continuous, dimmable LED light source that operates at only 2.5 watts per foot. Available in runs from 3” to 12 feet (or a single feed – longer lengths are available), the 5000 and 5200 series can be specified in a variety of color temperatures, as well as dramatic RGB.

5200 Series Key Specs:
- Voltage: 24 volts AC/DC
- Watts: 2.5 watts per foot
- Lumens: 72 lumens per foot
- Color Temp: 2700K, 3000K, 4000K
- RGB: Yes
- Dimmable: Yes
- Mounting: Low heat allows for double stick tape or screws. Mounting clips channel provided.

DLED-5000 Series Specification Sheet

LED 50,000 Hour Dimmable Light Strip for Dry Locations
72 Lumens per Foot - 2.5 Watts per Foot - CRI 70

Cat. No. DLED-5000 -

Picture Description:
The DLED 5000 is a continuously dimmable LED strip light that has been designed to give a long consistent color over the 50,000 hr. lamp life, because of good thermal management of the SMD’s and quality phosphors used in production. This LED lightsource provides a soft even glow at a large energy savings over incandescent or halogen. A 50,000 hr. lamp life greatly reduces maintenance.

Construction:
20 LED diodes per foot soldered to a rigid PC board with wiring harness and back wire pre-wired and soldered. For lengths from 75” to 144”, two strips are connected by a 1” flex wire jumper.

Electrical:
24 Volt AC, 2.5 Watts per foot, 72 lumens per foot. Dimmable. Important: LED strip is to be fed from Class II UL Listed magnetic transformers. Mounting:
Mounts into coves or other surfaces with screws and/or double stick tape. Low heat output enables double stick tape to serve as a long lasting mounting solution.

Applications:
- Cove Lighting
- Accent Lighting
- Cabinet Lighting
- Underscabinet Lighting
- Recessed Lighting

LED Specifications:
- Voltage: 24 Vols AC
- Watts: 2.5 Watts per foot
- Lumens per foot: 72
- Color Temp: 2700K
- Beam Spread: 120°
- Max. Feet: 12
- Max. Single Length: 6'
- Mounting: Clip or dbl. stick tape
- Warranty: 3 year / 50,000 Hrs.

Shown at actual size, the Dreamscape 5000 Series LED Light Strip is a dramatic vehicle for concealing the fixture, but not the lighting effect.

LT-4 LED COVELIGHT
LDR downlighters

**LED low voltage downlighter**

- **Options**
  - Lamp options:
    - LED 3 x 1W
  - Low voltage downlighters for use with LED or GU10/3 downlight lamps

- **Galleys**
  - Sizes and options:
    - Mains 230V
    - Mains 12V option
    - 3 x low voltage with seagull glass front
    - Mains 12V option
  - Die-cast aluminium body
  - Recessed finish white or chrome
  - T1 version supplied complete with dimmable electronic transformer to run up to 400W lamp
  - LED version: 3 x 1W driver supplied separately
  - For ceiling thickness:
    - 3.0mm to 17mm
  - Mini is available with 2-hour emergency pack

**Photometric Performance**

<table>
<thead>
<tr>
<th>Photometric Performance</th>
<th>Photometric Performance (IPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50W (12V)/50W (230V)</td>
<td>50W (12V)/50W (230V)</td>
</tr>
<tr>
<td>3 x 1W</td>
<td>3 x 1W</td>
</tr>
<tr>
<td>0.5mm</td>
<td>0.5mm</td>
</tr>
<tr>
<td>1.0mm</td>
<td>1.0mm</td>
</tr>
<tr>
<td>3.0mm</td>
<td>3.0mm</td>
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<tr>
<td>2.0mm</td>
<td>2.0mm</td>
</tr>
<tr>
<td>5.0mm</td>
<td>5.0mm</td>
</tr>
</tbody>
</table>

**LDR mini**

- **Order Codes**
  - LDR1002 (Standard)
  - LDR1005 (Emergency)

**LDR micro/micro tilt**

- **Order Codes**
  - LDR1310 (Standard)
  - LDR1315 (Emergency)

**LDR IP65**

- **Order Codes**
  - LDR1005 (Standard)
  - LDR1005-PI5 (IP65)

**Dimensions**

- **LDR mini**
  - H: 100mm
  - WD: 150mm
  - H: 150mm
  - WD: 160mm
  - KG: 40
  - KG: 40

- **LDR micro/micro tilt**
  - H: 130mm
  - WD: 40mm
  - KG: 50

- **LDR IP65**
  - H: 100mm
  - WD: 40mm
  - KG: 40

**To Specify**

- Low voltage downlight with die-cast aluminum ceiling box supplied complete with dimmable electronic transformer. Sectional emergency version - as Whitecroft Lighting LDR MINI.

**LIGHTING WORKSHOP: HEALTHCARE**

NAOKO YAMAZAKI
- ALL THE LIGHTING FIXTURES ARE ZONED BY THE AREA. THERE WILL NOT HAVE AN CONTROL ACCESS FROM THE PUBLIC AREA.

- ALL FIXTURES THAT ARE LOCATED ALONG WINDOWS HAVE A DAYLIGHTING HARVESTING SYSTEM.

Daylight Harvesting system is the control system that reduces the use of artificial lighting with electric lamps in building interiors when natural daylight is available, in order to reduce energy consumption.
