On when it matters most.

Products and solutions that protect your business
Dialight Timeline

1999 - First ever FAA certified LED L810
2001 - First ever FAA certified LED L864
2007 - First ever FAA certified LED L865/L864
2011 - First ever FAA certified LED L856
2012 - First ever FAA certified LED L856/L864

Dialight (LSE: DIAL) is leading the energy efficient LED lighting revolution around the world for industrial and hazardous areas as well as transportation and infrastructure applications. For 40 years it has been committed to the development of LED lighting solutions that enable organizations to vastly reduce energy use and maintenance needs, improve safety, ease disposal and reduce CO2 emissions.

Features & Benefits

- 5 year full performance warranty
- Resistant to shock and vibration
- High impact polycarbonate lens, UV, scratch & chemical resistant lens coating
- Reduction in expensive tower climbs and maintenance costs / unplanned site visits
- Requires smaller gauge wire
- Smallest Flash Head in the Industry
- Community friendly lighting system
SafeSite® L-864 Red LED Beacon
Class I, Div 2 models

Certifications & Compliance
- FAA approved
- Class I, Div 2, Groups A, B, C, D
- UL1598
- UL844
- IP66
- NEMA 4X
- DGAC Mexico
- Canadian aviation regulation CAR 621.9 (Transport Canada)

Features & Benefits
- 5 year full performance warranty
- Uses 90% less energy than an incandescent
- Resistant to shock and vibration
- Drastically reduces maintenance costs
- Flash or steady burn

Mechanical Information:
- Fixture weight: 20 lbs
- Operating Voltage: 120 - 240V AC 50/60Hz power factor corrected supply
- Supply Voltage Ranges: Nominal +/- 10%
- Effective Intensity: Red Night 2,000 cd
- Wattage: Red Night 20W (Steady Burn) 3.3W (16.7% duty cycle) 20 flashes per minute with 0.5 second on time
- Power Factor: >0.9
- Operating Temp: -40°F to +131°F (-40°C to +55°C)
- Synchronization: Multiple unit sync from single controller (Operates with other manufacturers of GPS sync devices)
- All values typical unless otherwise stated (tolerance +/- 10%)

US Patent # 7,281,821

Temperature Ratings
- Ambient Temperature Range T4A
- -40°F to +131°F (-40°C to +55°C)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
<th>Certification / Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>D464-B13-001</td>
<td>Class I, Div. 2 Beacon</td>
<td>120 - 240V AC</td>
<td>FAA (TC) L-864</td>
</tr>
</tbody>
</table>
SafeSite® LED Based L-864 / L-865
Flash Dual (White / Red) - Class I, Div. 2

Certifications & Compliance
- FAA approved (Check FAA Website for current certification)
- Class I, Div 2, Groups A, B, C, D
- Class II, Div 2, Groups F, G
- UL1598
- UL8750
- CSA C22.2
- IP68
- ICAO Annex 14, July 2009
- ICAO Aerodromes Design Manual, Chapter 18
- Canadian Aviation Regulation CAR 621 (Transport Canada)

Mechanical / Electrical Information:

| Unit weight:  | 26 lbs (11.8 kg) |
| Operating voltage: |  |
| White | 150V DC (through Controller) |
| Red | 75V DC (through Controller) |
| Effective intensity: |  |
| White Day | 20,000 cd |
| White Night | 2,000 cd |
| Red Night | 2,000 cd |
| Synchronization: | Multiple unit sync from single controller (operates with other units via RS485) |

All values typical unless otherwise stated (tolerance +/- 10%)

US Patents #7,208,881 #7,568,821 7,604,380 #7,777,424

Temperature Ratings

 Ambient Temperature Range T5
-40°F to +131°F (-40°C to +55°C)

Part Number | Description
--- | ---
DHZ - BFHD - 8C | Red / White Flashhead
Class I, Div.2 rated L-864 Systems

Example layout

Class I, Div.2 rated L-864 / L-865 Systems

Example layouts
Vigilant® CID2 red L-864 / L-810 Controller
Class I, Div. 2

Certifications & Compliance
- Class 1, Division 2
- Groups A,B,C,D
- IP66
- NEMA 4X
- UL 1203, 8750
- CSA C22.2 No 30, No. 250.13

Certifications & Ratings
- 5 year full performance warranty
- Flashing or steady operation
- 20, 30, or 40 flashes per minute
- Front panel indicators (power and alarm)
- Contact closures for alarms
- For use with Dialight’s fixtures
  - L-864 Red Beacon (CID2) = D464-B13-001 - max 2 per port
  - L-810 Red Marker (CID2) = RTO-2R07-00X - max 8 per port
  - L-810 Red Marker (CID2) = 860-2R01-00X - max 4 per port
- Multiple controllers can be synchronized for larger systems
- Corrosion resistant
- Easy to install

Mechanical Information:
- Fixture weight: 80 lbs (36 kg)

Electrical Specifications:
- Operating Voltage: 120-240V AC 50/60Hz power factor corrected supply
- Operating Temp: -40°F to +131°F (-40°C to +55°C)
- Wattage: 5W
- Temperature Rating: T4
- Power Factor: > 0.9

All values typical unless otherwise stated (tolerance +/- 10%)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHZC-CTR-2C8-000</td>
<td>Controller for L-864 / L-810 Red lights</td>
<td>120-240V AC, 50/60 Hz</td>
</tr>
</tbody>
</table>
Controller for L-864 / L-865
Class I, Div. 1 and Class I, Div. 2

Certifications & Compliance
- Class I, Div 1
- Class 1, Div 2 Groups B, C, D
- UL 8750
- UL 1203
- IP66
- T6 temperature rating
- NEMA 4X copper free aluminum enclosure

Mechanical / Electrical Information:
- Unit weight: 180 lbs (86.6 kg)
- Operating voltage: 120 - 277V AC
  125V DC
- Supply voltage ranges: Nominal +/- 10%
- Power supply wattage:
  - White Day - 85W
  - White Night - 35W
  - Red Night - 25W
- Controller wattage: 15W

All values typical unless otherwise stated (tolerance +/- 10%)

The controller will be equipped with a green indicator light on front panel to show energized status as well as a red indicator light on the front panel for failure status.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHZC - CTD - 8C8 - 030</td>
<td>Controller for up to 3 L-864 / L-865 lights</td>
</tr>
<tr>
<td>DHZC - CTD - 8C8 - 040</td>
<td>Controller for up to 4 L-864 / L-865 lights</td>
</tr>
<tr>
<td>DHZC - CTD - 8C8 - 060</td>
<td>Controller for up to 6 L-864 / L-865 lights</td>
</tr>
<tr>
<td>DHZC - CTD - 8C8 - 080</td>
<td>Controller for up to 8 L-864 / L-865 lights</td>
</tr>
<tr>
<td>DHZC - PSD - 8C8</td>
<td>Power Supply (1 required per L-864 / L-865 light)</td>
</tr>
</tbody>
</table>
Power Supply for L-864 / L-865
Class I, Div. 1 and Class I, Div. 2

Certifications & Compliance
- Class I, Div 1
- Class 1, Div 2 Groups B, C, D
- UL 8750
- UL 1203
- IP66
- T6 temperature rating
- NEMA 4X copper free aluminum enclosure

Mechanical / Electrical Information:
- Unit weight: 180 lbs (86.6 kg)
- Operating voltage: 120 - 277V AC
  125V DC
- Supply voltage ranges: Nominal +/- 10%
- Power supply wattage: White Day - 85W
  White Night - 35W
  Red Night - 25W
- Controller wattage: 15W

All values typical unless otherwise stated (tolerance +/- 10%)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHZC - PSD - 8C8</td>
<td>Power Supply</td>
</tr>
</tbody>
</table>
Long Life Photocell
Class I, Div. 2

Certifications & Compliance
- Class I, Div 2 Groups B, C, D
- UL 773A
- ISA 12.12.01
- IP66
- T4A temperature rating
- NEMA 4X copper free aluminum enclosure

Mechanical / Electrical Information:
- **Unit weight:** 2.00 lbs (0.91 kg)
- **Operating voltage:** 12V DC (through Dialight Controller)
- **Operating temperature:** -40°F to +131°F (-40°C to +55°C)

All values typical unless otherwise stated (tolerance +/- 10%)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHZB - 6000 - PEC</td>
<td>Long Life Photocell</td>
</tr>
</tbody>
</table>
SafeSite® L-810 Red LED Side Lights
Class I, Div. 2

Certifications & Compliance
• Class I, Div 2 Groups B, C, D
• UL 1598
• UL 844
• IP66
• T3C temperature rating

Mechanical / Electrical Information:

| Unit weight: | 1.25 lbs (0.56 kg) (retro unit) 2.00 lbs (0.91 kg) (single unit) 4.60 lbs (2.09 kg) (dual unit) |
| Operating voltage: | 48V DC (through Dialight Controller) or 120 - 480V AC |
| Operating temperature: | -40°F to +131°F (-40°C to +55°C) |

All values typical unless otherwise stated (tolerance +/- 10%)

US Patents #6,425,678

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTO - ER08 - 001</td>
<td>Single light - 3.5W (for use with L-864/L-865 systems)</td>
<td>12 - 24V DC</td>
</tr>
<tr>
<td>RTO - ER08 - 002</td>
<td>Dual light - 7W (for use with L-864/L-865 systems)</td>
<td>12 - 24V DC</td>
</tr>
<tr>
<td>RTO - ER08 - 004</td>
<td>Retrofit light - 3.5W (for use with L-864/L-865 systems)</td>
<td>12 - 24V DC</td>
</tr>
<tr>
<td>RTO - 2R07 - 001</td>
<td>Single light - 6.5W (for use with L-864/L-865 systems)</td>
<td>120 - 240V AC</td>
</tr>
<tr>
<td>RTO - 2R07 - 002</td>
<td>Dual light - 13W (for use with L-864/L-865 systems)</td>
<td>120 - 240V AC</td>
</tr>
<tr>
<td>RTO - 2R07 - 004</td>
<td>Retrofit light - 6.5W (for use with L-864/L-865 systems)</td>
<td>120 - 240V AC</td>
</tr>
</tbody>
</table>
SafeSite® L-810 Red LED Obstruction Lights
Class I, Div. 2 and ATEX / IECEx - V AC models

Certifications & Compliance
- FAA approved
- Class I, Div 2, Groups A, B, C, D
- ATEX / IECEx Zone 2
- IECEx SIR 08.0018X
- Sira 06ATEX4372X
- UL1598
- UL844
- IP65 / 67
- NEMA 4X
- Canadian Aviation Regulation CAR 621.9 (Transport Canada)

Certifications & Ratings
- 5 year full performance warranty
- Uses 90% less energy than an incandescent
- Weather/corrosion resistant lamp assembly and housing
- Resistant to shock and vibration
- Available as single or dual unit
- Flash models available
- Withstand wind in excess of 150 mph (240 kph), salt fog

Mechanical Information

<table>
<thead>
<tr>
<th>Single Units</th>
<th>Dual Units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fixture weight:</strong></td>
<td>7.14 lbs (3.24 kg)</td>
</tr>
<tr>
<td><strong>Mounting:</strong></td>
<td>Threaded 1” NPT and 3/4” NPT bottom hub for mounting</td>
</tr>
<tr>
<td><strong>Ambient Temperature Range</strong></td>
<td>-33ºF to +131ºF (-55ºC to +55ºC)</td>
</tr>
</tbody>
</table>

Temperature Ratings

<table>
<thead>
<tr>
<th>Class I Div. 2 models</th>
<th>ATEX / IECEx models</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient Temperature Range T4A</td>
<td>Ambient Temperature Range T4A</td>
</tr>
<tr>
<td>-67ºF to +131ºF (-55ºC to +55ºC)</td>
<td>-67ºF to +131ºF (-55ºC to +55ºC)</td>
</tr>
</tbody>
</table>

Electrical specifications
- Volt Amps: 44 VA (120V AC) +10% 67 VA (230V AC Units) +15%
- Input Power: 14.5 W (120V AC Units) 16.0 W (230V AC Units)
- Operating Temp: -67ºF to +131ºF (-55ºC to +55ºC)

Construction
- Housing: Cast aluminum
- Lens: Glass
- Accessories (Hardware): Stainless steel

All values typical unless otherwise stated (tolerance +/- 10%)

US Patent # 6,425,678
## SafeSite® L-810 Red LED Obstruction Lights

### Class I, Div 2 and ATEX / IECEx - V AC models

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>860-2R01-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>120V AC</td>
</tr>
<tr>
<td>860-2R02-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>230V AC</td>
</tr>
<tr>
<td>860-2R01-002</td>
<td>Class I, Div 2, Dual Unit</td>
<td>120V AC</td>
</tr>
<tr>
<td>860-2R02-002</td>
<td>Class I, Div 2, Dual Unit</td>
<td>230V AC</td>
</tr>
<tr>
<td>860-9R01-001</td>
<td>ATEX / IECEx, Single Unit</td>
<td>120V AC</td>
</tr>
<tr>
<td>860-9R02-001</td>
<td>ATEX / IECEx, Single Unit</td>
<td>230V AC</td>
</tr>
<tr>
<td>860-9R01-002</td>
<td>ATEX / IECEx, Dual Unit</td>
<td>120V AC</td>
</tr>
<tr>
<td>860-9R02-002</td>
<td>ATEX / IECEx, Dual Unit</td>
<td>230V AC</td>
</tr>
</tbody>
</table>

*Steady Burn*
SafeSite® LED Steady Burn Visual Signal Lights
Colored Visual Signal Lights - Class I, Div. 2 and ATEX / IECEx - V AC models

Certifications & Compliance
- FAA AC No. 150/5345-43G
- Class I, Div 2, Groups A, B, C, D
- ATEX / IECEx Zone 2
- ECEx SIR 08.0018X
- Sira 06ATEX4372X
- UL1598
- ULB44

Certifications & Ratings
- 5 year full performance warranty
- Uses 90% less energy than an incandescent
- Weather/corrosion resistant lamp assembly and housing
- Resistant to shock and vibration
- Available as single or dual unit
- Flash models available
- Withstand wind in excess of 150 mph (240 kph), salt fog

Mechanical Information

Single Units
Fixture weight: 7.14 lbs (3.24 kg)
Mounting: Threaded 1” NPT and 3/4” NPT bottom hub for mounting

Dual Units
Fixture weight: 16.06 lbs (7.28 kg)
Mounting: Threaded 1” NPT and 3/4” NPT bottom hub for mounting

Electrical specifications
Volt amps: 44 VA (120V AC) +/−10%
67 VA (230V AC Units) +/−15%
Input power: 14.5 W (120V AC Units)
16.0 W (230V AC Units)
Operating temp: -67°F to +131°F (-55°C to +55°C)
On / off time: 100:900 ms

Construction
Housing: Cast aluminum
Lens: Glass
Accessories (Hardware): Stainless steel
All values typical unless otherwise stated (tolerance +/− 10%)

Temperature Ratings

<table>
<thead>
<tr>
<th>Class I Div. 2 models</th>
<th>ATEX / IECEx models</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient Temperature Range T4A</td>
<td>Ambient Temperature Range T4A</td>
</tr>
<tr>
<td>-67°F to +131°F (-55°C to +55°C)</td>
<td>-67°F to +131°F (-55°C to +55°C)</td>
</tr>
</tbody>
</table>

US Patents #7,208,881 #7,568,821 7,604,380 #7,777,424
### SafeSite® L-810 LED Steady Burn Visual Signal Lights

**Colored Visual Signal Lights - Class I, Div. 2 and ATEX / IECEx - V AC models**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Class I, Div 2 - Single Fixture Models</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>860-2B01-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>120V AC</td>
<td>Blue</td>
</tr>
<tr>
<td>860-2G01-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>120V AC</td>
<td>Green</td>
</tr>
<tr>
<td>860-2Y01-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>120V AC</td>
<td>Yellow</td>
</tr>
<tr>
<td>860-2W01-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>120V AC</td>
<td>White</td>
</tr>
<tr>
<td>860-2B02-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>230V AC</td>
<td>Blue</td>
</tr>
<tr>
<td>860-2G02-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>230V AC</td>
<td>Green</td>
</tr>
<tr>
<td>860-2Y02-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>230V AC</td>
<td>Yellow</td>
</tr>
<tr>
<td>860-2W02-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>230V AC</td>
<td>White</td>
</tr>
<tr>
<td><strong>Class I, Div 2 - Dual Fixture Models</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>860-2B01-002</td>
<td>Class I, Div 2, Dual Unit</td>
<td>120V AC</td>
<td>Blue</td>
</tr>
<tr>
<td>860-2G01-002</td>
<td>Class I, Div 2, Dual Unit</td>
<td>120V AC</td>
<td>Green</td>
</tr>
<tr>
<td>860-2Y01-002</td>
<td>Class I, Div 2, Dual Unit</td>
<td>120V AC</td>
<td>Yellow</td>
</tr>
<tr>
<td>860-2W01-002</td>
<td>Class I, Div 2, Dual Unit</td>
<td>120V AC</td>
<td>White</td>
</tr>
<tr>
<td>860-2B02-002</td>
<td>Class I, Div 2, Dual Unit</td>
<td>230V AC</td>
<td>Blue</td>
</tr>
<tr>
<td>860-2G02-002</td>
<td>Class I, Div 2, Dual Unit</td>
<td>230V AC</td>
<td>Green</td>
</tr>
<tr>
<td>860-2Y02-002</td>
<td>Class I, Div 2, Dual Unit</td>
<td>230V AC</td>
<td>Yellow</td>
</tr>
<tr>
<td>860-2W02-002</td>
<td>Class I, Div 2, Dual Unit</td>
<td>230V AC</td>
<td>White</td>
</tr>
<tr>
<td><strong>ATEX / IECEx - Single Fixture Models</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8609B02001</td>
<td>ATEX / IECEx, Single Unit</td>
<td>230V AC</td>
<td>Blue</td>
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<tr>
<td>8609G02001</td>
<td>ATEX / IECEx, Single Unit</td>
<td>230V AC</td>
<td>Green</td>
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<tr>
<td>8609Y02001</td>
<td>ATEX / IECEx, Single Unit</td>
<td>230V AC</td>
<td>Yellow</td>
</tr>
<tr>
<td>8609W02001</td>
<td>ATEX / IECEx, Single Unit</td>
<td>230V AC</td>
<td>White</td>
</tr>
</tbody>
</table>
SafeSite® FLS LED Flashing Visual Signal Lights
Colored Visual Signal Lights - Class I, Div. 2 - V DC models

Certifications & Compliance
- Class I, Div 2, Groups A, B, C, D
- UL1598
- UL844
- IP66
- NEMA 4X

Certifications & Ratings
- 5 year full performance warranty
- Uses 90% less energy than an incandescent
- Weather/corrosion resistant lamp assembly and housing
- Resistant to shock and vibration
- Available as a single unit
- Unique optically designed lens to enhance LED operation and provide 360º visibility

Mechanical Information
- Fixture weight: 7.14 lbs (3.24 kg)
- Mounting: Threaded 1" NPT and 3/4" NPT bottom hub for mounting

Electrical specifications
- Volt Amps: 44 VA (120V AC) ±10%
- Input Power: 14.5 W (120V AC Units)
- Operating Temp: -67ºF to +131ºF (-55ºC to +55ºC)
- On / off time: 100:900 ms

Construction
- Housing: Cast aluminum
- Lens: Glass
- Accessories (Hardware): Stainless steel

Temperature Ratings

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>-67ºF to +131ºF (-55ºC to +55ºC)</td>
<td>-67ºF to +149ºF (-55ºC to +65ºC)</td>
</tr>
</tbody>
</table>

All values typical unless otherwise stated (tolerance +/- 10%)

US Patent # 6,425,678

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLS-2B01-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>120V AC</td>
<td>Blue</td>
</tr>
<tr>
<td>FLS-2G01-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>120V AC</td>
<td>Green</td>
</tr>
<tr>
<td>FLS-2R01-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>120V AC</td>
<td>Red</td>
</tr>
<tr>
<td>FLS-2Y01-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>120V AC</td>
<td>Yellow</td>
</tr>
<tr>
<td>FLS-2W01-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>120V AC</td>
<td>White</td>
</tr>
<tr>
<td>FLS-2B02-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>230V AC</td>
<td>Blue</td>
</tr>
<tr>
<td>FLS-2G02-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>230V AC</td>
<td>Green</td>
</tr>
<tr>
<td>FLS-2R02-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>230V AC</td>
<td>Red</td>
</tr>
<tr>
<td>FLS-2Y02-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>230V AC</td>
<td>Yellow</td>
</tr>
<tr>
<td>FLS-2W02-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>230V AC</td>
<td>White</td>
</tr>
</tbody>
</table>
SafeSite® FLS LED Flashing Visual Signal Lights
Colored Visual Signal Lights - Class I, Div 2. - V DC models

Certifications & Compliance
- Class I, Div 2, Groups A, B, C, D
- UL1598
- UL844
- IP66
- NEMA 4X

Certifications & Ratings
- 5 year full performance warranty
- Uses 90% less energy than an incandescent
- Weather/corrosion resistant lamp assembly and housing
- Resistant to shock and vibration
- Available as a single unit
- Unique optically designed lens to enhance LED operation and provide 360° visibility

Mechanical Information
- Fixture weight: 7.14 lbs (3.24 kg)
- Mounting: Threaded 1" NPT

Electrical specifications
- Operating Voltage: 12-48V DC (nom) +/- 10%
- Input Power: 1.5 W
- Operating Temp: 40°F to +149°F (-40°C to +65°C)
- On/Off Time: 100:900ms

Construction
- Housing: Cast aluminum
- Lens: Glass
- Accessories (Hardware): Threaded 3/4" NPT reducer
- Stainless steel cage

All values typical unless otherwise stated (tolerance +/- 10%)

Temperature Ratings

<table>
<thead>
<tr>
<th>Ambient Temperature Range T4</th>
<th>Ambient Temperature Range T3C</th>
</tr>
</thead>
<tbody>
<tr>
<td>-67°F to +131°F (-55°C to +55°C)</td>
<td>-67°F to +149°F (-55°C to +65°C)</td>
</tr>
</tbody>
</table>

US Patent # 6,425,678

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Voltage</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLS-2B09-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>12 - 48V DC</td>
<td>Blue</td>
</tr>
<tr>
<td>FLS-2G09-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>12 - 48V DC</td>
<td>Green</td>
</tr>
<tr>
<td>FLS-2Y09-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>12 - 48V DC</td>
<td>Yellow</td>
</tr>
<tr>
<td>FLS-2R09-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>12 - 48V DC</td>
<td>Red</td>
</tr>
<tr>
<td>FLS-2W09-001</td>
<td>Class I, Div 2, Single Unit</td>
<td>12 - 48V DC</td>
<td>White</td>
</tr>
</tbody>
</table>
SafeSite® FLS LED Flashing Signal Lights
With Flat Base Junction Box - Class I, Div. 2 - V AC models

Certifications & Compliance
- Class I, Div 2, Groups A, B, C, D
- UL1598
- UL844
- IP65 / 66
- NEMA 4X

Certifications & Ratings
- 5 year full performance warranty
- Uses 90% less energy than an incandescent
- Weather/corrosion resistant lamp assembly and housing
- Resistant to shock and vibration
- Available as a single unit
- Unique optically designed lens to enhance LED operation and provide 360º visibility

Mechanical Information
- Fixture weight: 7.14 lbs (3.24 kg)
- Mounting: Threaded 1" NPT on 4 sides and 1 on bottom

Electrical specifications
- Volt Amps: 44 VA (120V AC Units)
- Input Power: 14.5 W (120V AC Units)
- Operating Temp: -67°F to +131°F (-55ºC to +55ºC)
- On/Off Time: 100:900ms

Construction
- Housing: Cast aluminum
- Lens: Glass
- Accessories (Hardware): Threaded 3/4" NPT reducer
Threaded 1" NPT plug
Stainless steel cage

All values typical unless otherwise stated (tolerance +/- 10%)

Temperature Ratings
- Ambient Temperature Range T4
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- Ambient Temperature Range T3C
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<th>Voltage</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLS-2B01-005</td>
<td>Class I, Div 2, Flat Base</td>
<td>120V AC</td>
<td>Blue</td>
</tr>
<tr>
<td>FLS-2R01-005</td>
<td>Class I, Div 2, Flat Base</td>
<td>120V AC</td>
<td>Green</td>
</tr>
<tr>
<td>FLS-2Y01-005</td>
<td>Class I, Div 2, Flat Base</td>
<td>120V AC</td>
<td>Yellow</td>
</tr>
</tbody>
</table>
**SafeSite® L-810 LED Visual Signal Lights**

**With Flat Base Junction Box - Class I, Div. 2 models**

**Certifications & Compliance**
- Class I, Div 2, Groups A, B, C, D
- UL1598
- UL844
- IP65 / 66
- NEMA 4X

**Features & Benefits**
- 5 year full performance warranty
- Uses 90% less energy than an incandescent
- Weather/corrosion resistant lamp assembly and housing
- Resistant to shock and vibration
- Available as a single unit
- Unique optically designed lens to enhance LED operation and provide 360° visibility

**Mechanical Information**
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- **Input Power:** 14.5 W (120V AC Units)
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**Construction**
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- **Lens:** Glass
- **Accessories (Hardware):** Stainless steel

All values typical unless otherwise stated (tolerance +/- 10%)

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**Part Number | Description | Voltage | Color**

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<th>Part Number</th>
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<th>Voltage</th>
<th>Color</th>
</tr>
</thead>
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<tr>
<td>860-2B01-005</td>
<td>Class I, Div 2, Flat Base</td>
<td>120V AC</td>
<td>Blue</td>
</tr>
<tr>
<td>860-2R01-005</td>
<td>Class I, Div 2, Flat Base</td>
<td>120V AC</td>
<td>Red</td>
</tr>
<tr>
<td>860-2Y01-005</td>
<td>Class I, Div 2, Flat Base</td>
<td>120V AC</td>
<td>Yellow</td>
</tr>
</tbody>
</table>
North American HQ
1501 Route 34 South
Farmingdale, NJ 07727
Tel: 732-919-3119
Fax: 732-751-5778
info@dialight.com

Copenhagen
Ejby Industri vej 91 B
2600 Glostrup
Tel: +45 8877 4400
E-mail: Info-dk@dialight.com

Houston office
16830 Barker Springs Rd, Ste 407
Houston, TX 77084

EMEA HQ
Exning Road, Newmarket
Suffolk, England, CB8 0AX
Tel: +44 (0) 1638 665161

Australia office
38 O’Malley St
Osborne Park WA 6017
Tel: +61 (0) 8 9244 7600
Fax: +61 (0) 8 9244 7601

Brazil
Av. Joao Antonio Meccatti,
1601 – Edificio 07 – Jd Planalto
Jundiai – SP – 13211-223
Tel: +55 (11) 4431-4300
Fax: +55 (11) 4431-4300
Email: vendas.brasil@dialight.com

Middle East office
Level 42, Emirates Towers (Office Tower)
Sheikh Zayed Road
Dubai, United Arab Emirates
Tel: +971(0)4319 7686

Southeast Asia office
240 Macpherson Road
#07-05 Pines Industrial Building
Singapore 348574

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