

SIEMENS

Signature Series™ LED In-pavement Heliport/Utility Light

Compliance with Standards

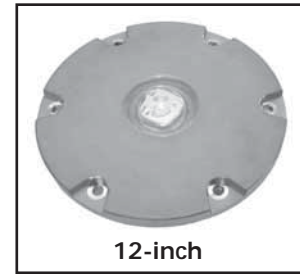
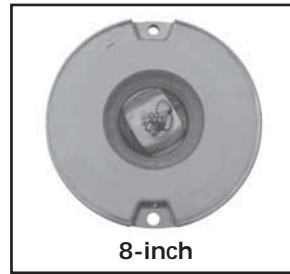
FAA: Manufactured to L-852T AC 150/5345-46 (Current Edition) and the FAA Engineering Brief No. 67 "Light Sources other than Incandescent and Xenon for Airport Lighting and Obstruction Lighting Fixtures."

Uses

- Heliports with constant voltage sources
 - Yellow for military and existing civilian applications
 - Green for new civilian applications
 - Used as boundary marking of final approach and takeoff (FATO) areas, touchdown and lift-off (TLOF) areas, and aprons
 - Also used for taxiway edges and aiming points
- Gate security
- Under vehicle inspection illumination
- Used for a variety of special applications where a balance of vertical and horizontal light output is required
- Provides essential lighting for the protection of fixed installations and other potential targets
- Used in high security areas to assist detection of bombs and smuggling, in maintenance facilities to spot vehicle damage, and to protect entrances to security areas
- Fixture layout/quantity can be designed for individual and/or pattern control to enable use of alternate traffic patterns

Features

- Power: 95-264V AC, 50/60Hz
- Average LED life of 100,000 hours
- Low profile – ≤ 0.25 inch above ground, which reduces vibrations caused by vehicles, increasing lamp life
- Offers longer maintenance intervals and requires fewer spare parts, resulting in lower life cycle costs
- Designed and built with simplicity and ease of maintenance in mind
- Fixture uses aluminum alloy cover, inner cover, and optical assembly, stainless steel hardware, and a hardened optical glass lens
- Low energy means low/no heat
- High strength – Rugged, proven design - fixture originally designed to withstand the rollover weight of large aircraft in airport movement areas



Ordering Code

IUL-XXXX

Lens

- 1 = White
- 2 = Yellow
- 3 = Green
- 4 = Blue

Mounting

- 1 = 12-inch fixture for L-868 light base
- 2 = 12-inch fixture for L-867 light base
- 3 = 8-inch fixture for 8-inch light base

Light Beam Direction

- 1 = Upward light pattern
- 2 = Omnidirectional light pattern

Arctic Option

- 0 = Without arctic option

Note: Secondary connector kit is required for new installations. Contact SAS Sales Department.

Features (Continued)

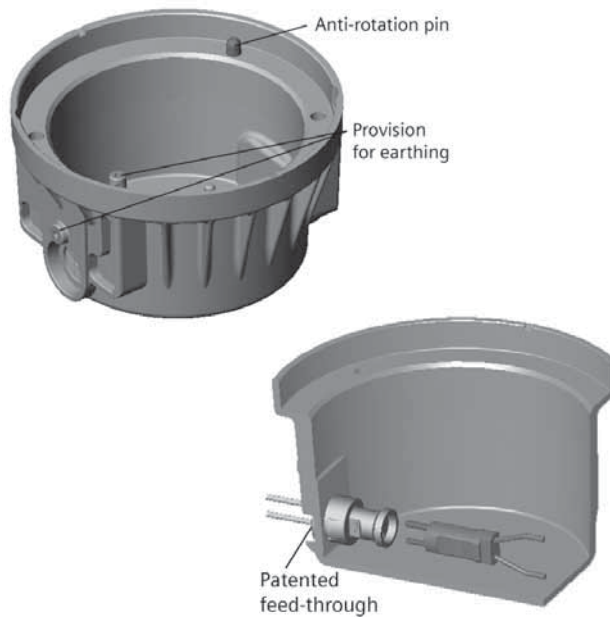
- No batteries to replace – Constant, dependable level of light at all times, comparable to FAA-specified medium intensity light levels (no specs for green/yellow)
- Can be provided with a shallow mounting base designed for pavement installation
- Integral third-wire grounding for fixture and installation base cans
- Standard FAA-Style L-823 connectors provide a complete environmental seal, eliminating fluid "siphoning" up wiring to fixture interior that is present in other manufacturers' fixtures
- Fixtures and components field tested in thousands of airfield installations
- Fixture is also available for 6.6A/20A series circuits. Contact the SAS Sales Department or see SAS catalog sheet 2060.

Solar Lighting System Design

SAS can design a complete solar powered heliport package for interested customers to include solar equipment, elevated and in-pavement fixtures, obstruction lights, wind cone, and control equipment. Call 614-573-8232 for more information.

8-inch Load Bearing Base Can

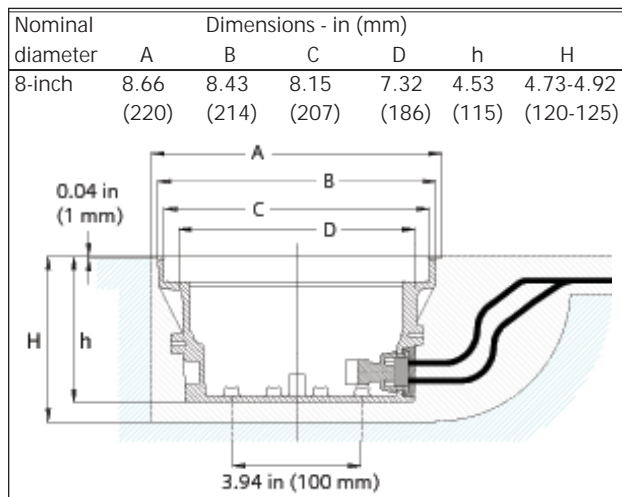
Part Number _____ MSBC111Y0003



Base Can Features

- For use in flexible and non-flexible pavement using the glue-in method, sealed with an appropriate resin that maintains flexibility after curing
- Provides a mechanically solid system
- Depth of base is the result of an optimum compromise between the fixture height and the thickness of most pavement construction
- Patented plug-in feed through provides environmental seal and ease of maintenance
- Lightweight
- No galvanic reactions between base and fixture
- Designed for shortest possible installation time
- Internal and external ground connection point

Dimensions



The information contained in this document is subject to change without notice. Siemens reserves the right to make changes and improvements to its products and assumes no responsibility for making these modifications on any equipment previously sold.

Spare Components

Description	Part No.
Cord set assembly	44A6608
Inner pan assembly, 95-264V, yellow	44A6354-10
Inner pan assembly, 95-264V, blue	44A6354-20
Inner pan assembly, 95-264V, green, white	44A6354-30
LED optical assembly, white, upward light pattern	44A6617-10
LED optical assembly, yellow, omnidirectional light pattern	44A6617-20
LED optical assembly, green, omnidirectional light pattern	44A6617-30
LED optical assembly, blue, omnidirectional light pattern	44A6617-40
Lens gasket, molded	4071.76.041
O-ring, inner cover seal	7080.90.335
Prism lens	63A1071
Secondary female connector kit	70A0046
Top cover, 8-inch	4071.76.002
Top cover, 12-inch, L-868 11.25" bolt circle	62A2157-1
Top cover, 12-inch, L-867 10.25" bolt circle	62A2157-2

Note: A secondary connector kit is required for new installations.

Operating Conditions

Temperature: -40°C to +55°C (-40°F to +131°F)

Altitude: Sea level to 10,000 feet (3000 m)

Relative Humidity: Up to 100%

Electrical Supply

Input voltage: 95-264V AC, 50/60Hz

Maximum input power – yellow: 10.2VA

Maximum input power – green: 14.3VA

Maximum input power – blue: 13.5VA

Maximum input power – white: 14.3VA

Dimensions

8-inch Fixture

Outside diameter: 8.43 in (21.4 cm)

Bolt-circle diameter: 7.32 in (18.6 cm)

8-inch Base Can

Depth: 4.5 in (11.43 cm)

Outside diameter: 8.5 in (21.59 cm)

Bolt-circle diameter: 7.25 in (18.42 cm)

12-inch Fixture

Outside diameter: 11.94 in (30.33 cm)

Bolt-circle diameter (L-868B): 11.25 in (28.58 cm)

Bolt-circle diameter (L-867B): 10.25 in (26.04 cm)

Packaging

8-inch Fixture

In cardboard box: 6 x 10 x 10 in
(15.24 x 25.4 x 25.4 cm)

Weight with packing: 7.65 lb (3.47 kg)

Weight without packing: 5.65 lb (2.56 kg)

8-inch Base Can

Weight: 3.95 lb (1.79 kg)

12-inch Fixture

In cardboard box: 7 x 13 x 13 in
(17.8 x 33 x 33 cm)

Weight with packing: 15.3 lb (6.94 kg)

Weight without packing: 12.3 lb (5.58 kg)