ROHN
Industries, Inc.

TOWER LIGHTING

PRODUCTS FOR A
GROWING WORLD
OF TECHNOLOGY

ROHN Industries, Inc.

LIGHTING EQUIPMENT

HIGH QUALITY LIGHTING FROM ROHN

ROHN Obstruction Lighting Kits are one more way to make ROHN your one-source supplier for your installation. And you can expect the same high quality in our lighting hardware that you find in our other products.

ROHN OBSTRUCTION LIGHTING KITS

Kits are available for towers up to 1,050' and come complete with: 300mm beacons, lighting controls and flashers, obstruction lights, junction boxes, and all wire and conduit as required. These kits meet FAA and FCC regulations. Special kits for 230V and ICAO applications are available on request.

B E A C O N S :

ROHN's B1R 300mm Code Beacon is engineered to meet all FAA and FCC specifications. It is designed for continuous service in all weather conditions. Features include heat resistant lenses and tough internal wiring made of heavy insulated, flexible cable. Dimensions are 31″ high X 12 ¾″ diameter. Two 620W, 120V, 3000 hour mogul prefocused airway beacon lamps are required (B620W, ordered separately). 230V Beacon lamps (B700W230V) are available on request. Mounting dimensions are four ⅝″ bolts on a 13 ¼″ bolt circle.

B EACON   F LASHER U NIT   O NLY

Models FA1SSX1 and FA2SSX1 are designed to flash the beacon only. Photo control or time switch is provided by the user.

O B S T R U C T I O N   L I G H T S :

OB1 - single lamp supplied with a ¾″ pipe side entrance tap, the OB1 is designed to facilitate installation on horizontal conduit stubs.

OB2 - same as OB1, except it has double lamps and bottom entrance fitting for installation on ¾″ vertical conduit.

Both models use flanged Fresnel lenses, stainless steel latches, retainer cable, and copper-free, cast aluminum housing. Lamps are not included (lamps purchased separately). OB116W‑(120V, 116W, 8000HR). OB116W230V‑(230V, 116W, 8000HR).

THE TOTAL WORRY FREE ALARM LIGHTING CONTROL

No matter how your lighting system is configured, ROHN has the one solid-state alarm control system to deliver reliable operation. The ULC350 is a fail-safe, red light alarm controller for towers less than 350' AGL. Whether your lighting system is red only or dual (red and strobe), close on fail or open on fail, this control needs no modification. For applications where it may be impossible or impractical to monitor lights once every 24 hours, the ULC350 performs the following functions:

- Remote monitoring of burned-out beacon and sidelight lamps
- Flasher fail monitoring
- Photoelectric turn on/off
- Power failure monitoring

Additional features:
- A logic fail-safe design that provides automatic on and alarm output if any circuit fails
- All commons are available to the user for complete monitoring with one alarm channel if desired
- A spare set of contacts is available for each function if auxiliary alarms are desired
- Quality construction including a NEMA 1 cutout box or NEMA 4 weatherproof housing
- A detailed service manual available that includes schematics and calibration instructions

ULC700

The ULC700 provides all the features of the ULC350 and will work on all towers from 351 to 700 AGL. Three beacon circuits and two sidelight circuits are available to insure the integrity of the entire system. Built-in boost transformers make installation simple. ULC700 requires ROHN specified tower wire size for proper operation. Also available in an outdoor housing (ULC700NEMA4).

RAM350

Add-on alarm units provide alarm outputs on towers with existing controls without the expense of a complete, new alarm control. Call for additional information.

SOLID STATE NON-ALARM LIGHTING CONTROLS - FA1SSX1P, FA2SSX1P, FA3SSX1P

These controls feature beacon flashers and photoelectric switching to meet FAA and FCC requirements for red obstruction lighting. Flashers feature zero volt turn-on for reduced RFI and longer lamp life. Non-alarmed FA series includes cast-aluminum outdoor housings and mounting brackets for leg diameters up to 3½" O.D. Many configurations are available for new and retrofit applications. All controls are 120VAC. See obstruction lighting components sheet for a complete list and application guide. 230V controls are available on request.

ULC700

RAM350

O T H E R
L I G H T I N G
P R O D U C T S
F R O M R O H N

P H O T O E L E C T R I C
L I G H T I N G
C O N T R O L S

RPH1P is a 120V, light sensitive control that turns tower lights on automatically when the sunlight level drops. It has a built-in time delay and is pre-calibrated to conform to FAA and FCC requirements. For use with type A1 or IACO lighting systems. The load capacity is 1,800VA. RPH2P is a 230V Version of the above RPH1P. (1,800 VA switching capacity.)
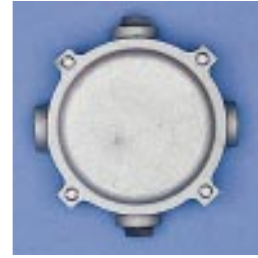
JUNCTION BOXES

Junction boxes are weather-tight, copper-free, cast aluminum boxes. Each one is furnished with a cover, neoprene sealing gasket, stainless steel safety cable, self retaining cover screws, and 4 or 7 contact-pressure type terminal blocks, as required.

JB4C - wire support vertical run.
JB4TC - wire terminal and support for vertical and horizontal run.

Both have approximate inside dimensions of 5″ diameter X 2″ depth, ¾″ pipe thread hub, four directions. The JB4TC includes a 4-positioning terminal block.

JB7TC - box, terminal, and cable support. Approximate inside dimensions are 5″ X 8″ X 2″ deep with seven position terminal block, hub tap 1″ vertical and ¾″ horizontal pipe threads.

JB4C

JB4TC

JB7TC

ALSO AVAILABLE FROM ROHN:

- Lamps: Beacon and Obstruction Light Lamps
- Tower Paint
- ROHN-Loc Safety Climbing Device: A new full-body, fall arresting and positioning harness intended to meet current OSHA standards.
- Medium/High Intensity Strobes, Low Voltage DC, and Custom Lighting Kits are available on request.