

DYNAMO LED

NEMA4X Industrial High Lumen LED Emergency Light



Frequently Asked Questions



What is the Dynamo Emergency Light?

The DYN Series represents the best value and latest technology for industrial emergency lighting application. The DYN Series provides optimized multiple unit spacing and single unit coverage at mounting heights from 7-20', with bright and even illumination patterns from high-power LEDs. The DYN Series provides the same level of lumen output with no light degradation for the full 90 minutes of battery discharge which ensures a bright and visible path of egress. The unit includes a universal mounting plate which facilitates mounting to a truss or I-beam, pole, column, or wall.

What are the selling features of the DYN Series?

PERFORMANCE

- High Lumen Output, Maximum Coverage
- Fully Adjustable Lamp Aiming with Lock-Down
- High Mounting Height 7-20'
- Matching Remote Heads

VERSATILITY

- Wet Location
- NEMA4X Certified
- Food Processing Option
- Battery heater for Cold Environment

SAFETY

- Visual Indication for battery and charger condition
- Bright and even illumination
- Full lumen output for 90 minute discharge
- Ease of code compliance

RELIABILITY

- Lithium Iron Phosphate battery life of 5-7 years
- Micro-Controller based 3-stage charger
- LED life-cycle of over 100,000 hours
- LifeTime LED Warranty

Where would the Dynamo unit normally be applied?

The following locations:

- Wet Locations or Hose-down
- Cold Temperature Environments
- Food Processing
- Food Storage
- Production Facilities
- Chemical Plants
- Wastewater Treatment

How long is the Dynamo unit warranty?

The DYN unit has a full 3 year Warranty covering any manufacturing defect. Spectron® equipped models have a full 5 year Warranty. All DYN Series models also have a lifetime warranty on the LED lamps. If an LED fails we will replace the fixture. This is representative of the quality and reliability that has been designed into the DYN Series.

Will the remote capacity run other lamps/fixtures?

No. The DYN12 with remote capacity is limited to powering the same type of LED load as is found in the matching DYNR remotes.

How far can the DYNR remote be mounted from the source unit?

The remote can be wired up to 100' from the source unit using 12 gage wire.

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What input voltage will the DYN accept?

The DYN Series will accept 120 through 277 VAC at 50 or 60 Hz. This input voltage range includes 220-240VAC which allows application in several different countries.

What does “Intelligent Input” mean?

The DYN Series uses an electronic input rather than a transformer with 120 and 277 VAC taps. There has always been a potential to wire a hot lead to the wrong input lead which could damage the transformer. The DYN has 2 input wires for 120 through 277VAC input, 1 for the “Hot” lead and 1 for “Neutral”.

What is the spacing for the DYN Series?

We have included a lot of application information for spacing/coverage of the DYN unit. The spacing varies depending upon several factors for mounting height, lumen output, and application conditions. This information can be found on the specification sheet or brochure.

Do you have a photometric file?

The ies file as well as other technical information for the DYN Series can be viewed and downloaded from our website at www.dual-lite.com.

What replacement parts are available?

The battery pack is the only replaceable item in the DYN Series.

DYN6 battery

Part Number 9304721101, 1 each, 4 cell LiFePO4 Battery Pack

DYN6 with heater battery

Part Number 9304721112, 1 each, 8 cell LiFePO4 Battery Pack

DYN12 battery

Part Number 9304721102, 1 each, 8 cell LiFePO4 Battery Pack

DYN12 with heater battery

Part Number 9304721113, 1 each, 16 cell LiFePO4 Battery Pack

What are the different applications within the DYN Series?

The standard Dynamo models(DYN6 and DYN12) are wet location listed. The -4X option applies for true NEMA4X protection from directed water which is present in hose-down applications. The -FP option adds a shield over the lamp-heads to further protect the heads from debris which could become lodged in the components. Additional information can be found on the specification sheet.

What’s included in the marketing launch kit?

In the launch kit, you should have everything you need to effectively sell and present the product. They include:

- DYN product sample
- Brochure
- Data sheet
- Instruction sheet
- Pricing information
- RDC guide
- Marketing tools page
- Competitive product comparison

Is training available and where can I get additional information?

We will be hosting several web casts to review the features and benefits of the DYN Series and answer any questions you may have.

Thank you for your interest in the DYN Series. Please feel free to contact us or visit the Dynamo web page at www.dual-lite.com if you have additional questions.