

Product Guide

NEMA 4X INDUSTRIAL HIGH LUMEN LED EMERGENCY FAMILY



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INNOVATIVE **LED** NEMA 4X Industrial Family

The **Dynamo** family offers the latest technology and features. Photometric performance exceeds any other industrial emergency unit on the market as well as battery life that is 30% longer. The Dynamo family is the choice for safety, performance, reliability and versatility.

SAFETY

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

PERFORMANCE

- High lumen output, maximum coverage
- Fully adjustable lamp aiming with lock-down
- High mounting height: 7' to 20'
- Optional matching remote heads

RELIABILITY

- Lithium iron phosphate battery life of 5-7 years
- Micro-controller based 3-stage charger
- LED life-cycle of more than 100,000 hours
- Lifetime LED warranty

VERSATILITY

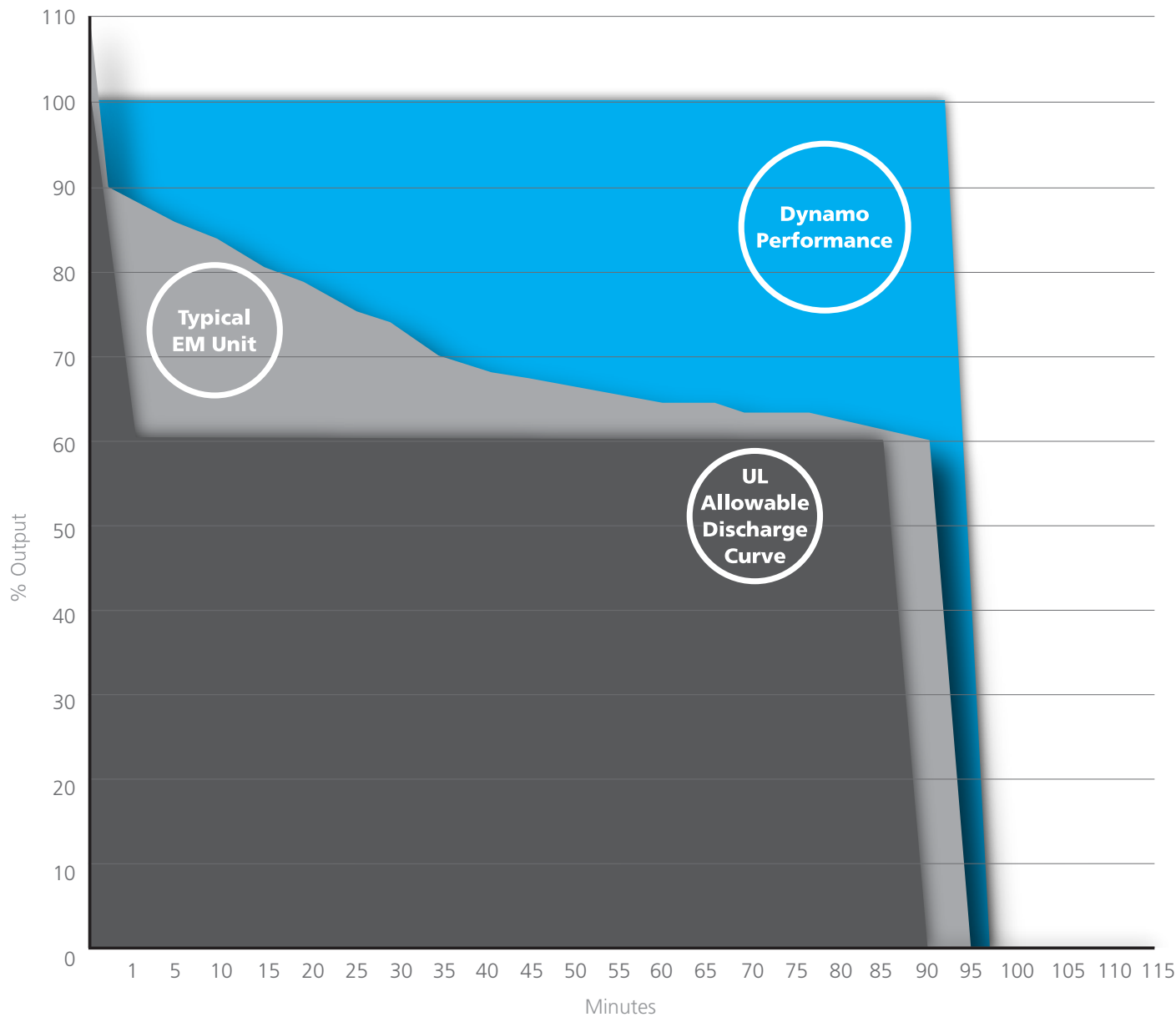
- Wet location
- NEMA 4X certified
- Food processing option
- Battery heater for cold environments



SAFETY

The **Dynamo** Family offers the latest technology and features. The LEDs never require replacement, the battery offers 30% longer life, and the photometric performance exceeds any other industrial emergency unit on the market. The Dynamo Family offers continuous lumen output for the full 90 minutes required by code ensuring maximum visibility when you need it most.

LUMEN OUTPUT

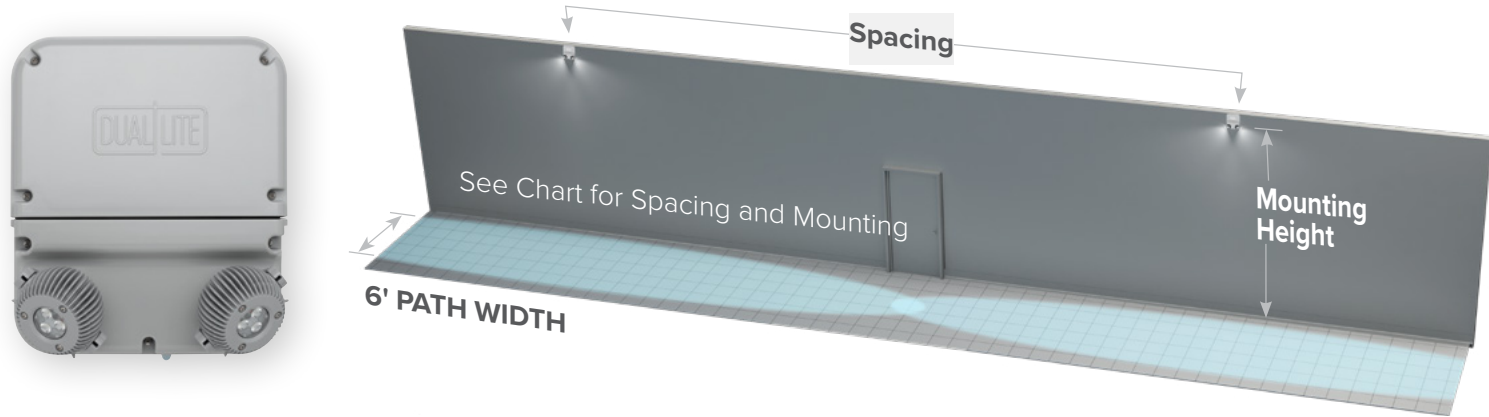


PERFORMANCE

The Dynamo(DYN) LED Emergency Light and DYNC Combination Exit/Emergency Light performance exceeds any Krypton, incandescent or halogen based lamp up to 50 watts. The LEDs have a life-cycle of 100,000 hours with an LED Lifetime Warranty.

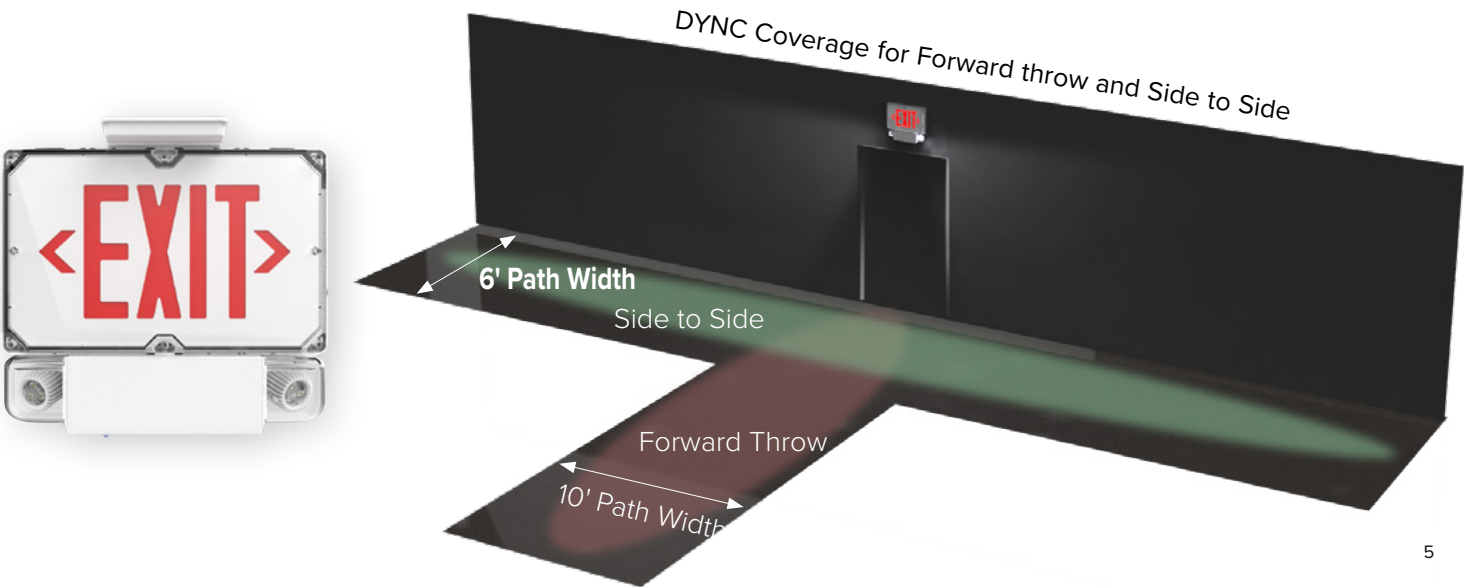
	DYN12-06L (6 WATT LAMP OPTION)							DYN6 (3 WATT LAMPS)						
MOUNTING HEIGHT	20'	18'	16'	14'	12'	10'	7.5'	20'	18'	16'	14'	12'	10'	7.5'
MAX SPACING @ 1FC AVG	62'	65'	68'	71'	74'	77'	81'	43'	45'	48'	51'	53'	56'	59'
MAX SPACING @ 1FC MIN	35'	34'	34'	33'	32'	31'	29'	28'	28'	27'	27'	26'	24'	22'

INDUSTRIAL PARAMETERS CH=30', R=10/10/10, CEILING MOUNTED (MULTIPLE UNIT SPACING), 6' PATH



The DYNC series provides bright and uniform illumination and is specifically designed for higher mounting heights above 7.5'. Coverage provided by 2 sealed aluminum lamp-heads using 3 high power LEDs each. The LEDs are located in specially designed heat dissipating lamp-heads which are fully adjustable without removing the polycarbonate covers.

	Side to Side Coverage				Forward Throw			
	3W lamps		6W lamps		3W lamps		6W lamps	
	Depth	Width	Depth	Width	Depth	Width	Depth	Width
1fc Average								
7.5' MH	52'	6'	71'	6'	42'	10'	54'	10'
10' MH	49'	6'	67'	6'	40'	10'	53'	10'
12' MH	46'	6'	64'	6'	38'	10'	52'	10'
1fc Minimum								
7.5' MH	20'	6'	24'	6'	13'	10'	16'	10'
10' MH	21'	6'	26'	6'	13'	10'	16'	10'
12' MH	22'	6'	28'	6'	14'	10'	17'	10'



RELIABILITY

The DYN Family uses LEDs which, unlike traditional lamps, do not require replacement and are designed to last over 100,000 hours. The micro-controller based battery charger is designed specifically for the Lithium Iron Phosphate battery which maximizes the lifecycle of 5-7 years.

DYNC

Combination Exit/Emergency Light



Wall, Ceiling or End Mount

Letter color available in Red or Green

Optional remote capacity units will run 2 each Dynamo remote heads

White or Black Finish

Lamp-heads are adjustable without removing the clear polycarbonate cover

Lifetime warranty on LEDs

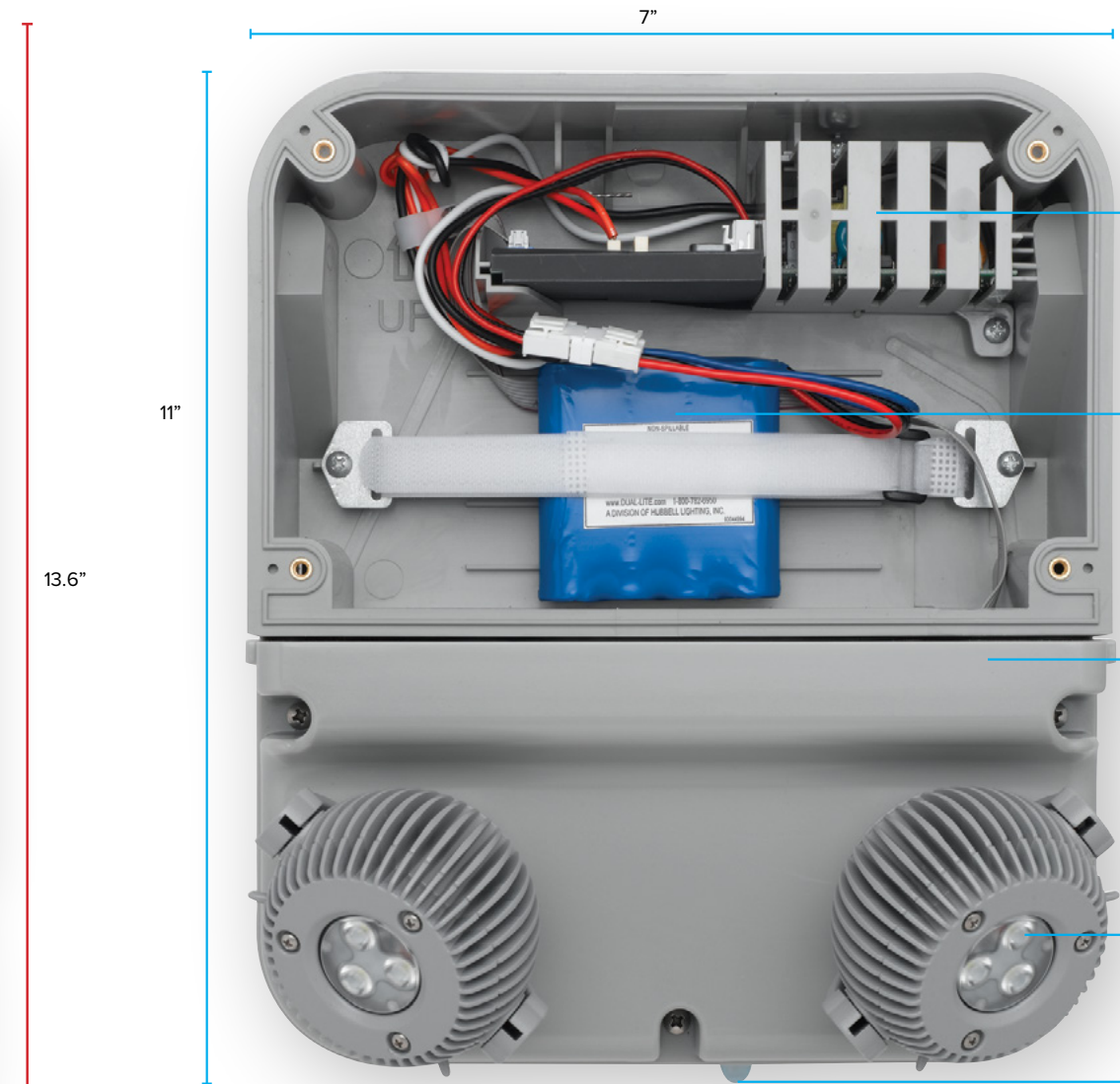
Includes Spectron® Self-Test/ Self-Diagnostics and bi-color visual indicator



Matching Remote Heads Optional

DYN

LED Emergency Light



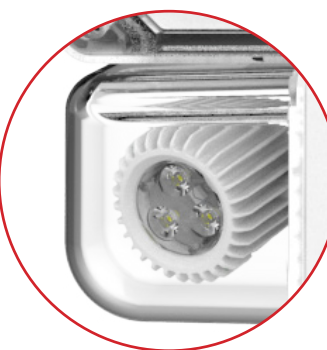
Highly reliable micro-controller based 3-stage charger for lighter weight

Lithium Iron Phosphate battery lasts 5-7 years for a significantly extended life-cycle with simple end-of-life battery replacement

DYN12 High Power model is available with optional remote capacity or extended run time

Lifetime warranty on LEDs

Available with optional Spectron® Self-Test/ Self-Diagnostics and visual indicator



Food processing shield



Die-cast aluminum lamp heads

VERSATILITY

The DYN Family can be installed in almost any environment. From the heat of a foundry, to the cold of a food storage facility, the Dynamo will be ready to provide continuous illumination levels.

APPLICATIONS



Wet Location	Tested to withstand water and other liquids that may drip, splash or flow on, or against the fixture
NEMA 4X	Provides a degree of protection from hose directed water and corrosion resistance
Self-Test/Self-Diagnostics	Provides cost savings with automatic monthly or annual testing, and fault detection
UL Sanitation (Food Processing)	Equipment used for food preparation and storage meets applicable environmental and public health standards
Cold Temperature	Adds a battery heater to the long-life lithium Iron Phosphate battery for cold temperatures to -30°C
Remote Capacity	Will run 2 each Dynamo remote heads at 331 lumens each for additional coverage of up to 52'
High Lumen (6 watt lamps)	The 6 watt option provides 514 lumens per head, or up to 81' multiple unit spacing
Class 1, Division 2	Areas where ignitable concentrations of flammable gases, vapors or liquids are not normally present in an explosive concentration
Class 2, Division 1	Areas where combustible dust is present in the air under normal operating conditions

DYN	DYNC	SEWL
✓	✓	✓
Optional	✓	✓
Optional	✓	✓
Optional	✓	✓
Optional	Optional	Optional
Optional	Optional	Optional
Optional	Optional	Optional
Optional	Optional	Optional
Optional		

ORDERING



DYNC

Model	Faces	Color	Finish	Capacity	Lamp	Options
	S Single D Double	R Red G Green	W White B Black	6 6 Watt 12 12 Watt ¹	Blank 3 Watt 06L 6 Watt ²	-Blank 3 Watt -HTR Heater ³ -0 No Head ^{2,4} -C1D2 Hazardous Location ^{1,2,5,6}

Notes
1. Not available with -HTR Option
2. Only available with 12W capacity models
3. Only available with 6W capacity models
4. No head runs 2 or 4 each 3W remote lamps
5. Only available with 12W model
6. C1D2 Option only available with DYNCSRW12-06L-C1D2, DYNCDRW12-06L-C1D2, DYNCSRW12-C1D2, DYNCSGW12-06L-C1D2, DYNCDGW12-06L-C1D2, DYNCSR12-06L-C1D2, DYNCDR12-06L-C1D2, DYNCSGB12-C1D2, DYNCSGB12-06L-C1D2, DYNCDGB12-06L-C1D2

SEWL



SEWL

Model	Faces	Color	Finish	Operation	Options
	S Single D Double	R Red G Green	W White B Black	Blank AC Only E Emergency	HTR Internal Heater ¹ C1D2 Hazardous Location ^{2,3}

Ordering Notes:
1 For use with emergency models only
2 Not available with heater option
3 C1D2 Option only available with SEWLSRW-C1D2, SEWLSRWE-C1D2, SEWLSGW-C1D2, SEWLSGWE-C1D2, SEWLSRBC1D2, SEWLSRBE-C1D2, SEWLSRW-C1D2, SEWLSRWE-C1D2, SEWLSGW-C1D2, SEWLSGWE-C1D2, SEWLSRBC1D2, SEWLSRBE-C1D2



DYN

Model	Capacity	Self-Diagnostics	Application	Lamp
	6 6 Watt ² 12 12 Watt ³	Blank I Spectron® Self Diagnostics	Blank Wet Location 4X NEMA 4X/ IP66 Rated FP Food Processing Rated ⁴ C1D2 Class 1 Div. 2 ⁶ C2D1 Class 2 Div. 1 ⁷	Blank 3 Watt LED lamps 06L 6 Watt LED lamps ¹

Notes
1. Only available on DYN with 12 watt capacity
2. DYN6 only available in the following configurations-DYN6, DYN6I, DYN6-4X, DYN6I-4X, DYN6I-4X-HTR, DYN6I-4X-FP, DYN6I-4X-HTR-FP
3. DYN12 only available in the following configurations-DYN12, DYN12I, DYN12-4X, DYN12-4X-FP, DYN12I-4X, DYN12I-4X-HTR, DYN12I-4X-FP, DYN12I-4X-HTR-FP, DYN12-06L, DYN12I-06L, DYN12-4X-06L, DYN12-4X-FP-06L, DYN12I-4X-06L, DYN12I-4X-HTR-06L, DYN12I-4X-FP-06L, DYN12I-4X-HTR-FP-06L
4. FP option must be ordered with 4X option. Example: DYN6I-4X-FP
5. HTR option only available with Spectron®
6. C1D2 Option only available with DYN6I-C1D2, DYN12I-C1D2, and DYN12I-C1D2-06L
7. C2D1 Option only available with DYN6I-C2D1, DYN12I-C2D1, and DYN12I-C2D1-06L which includes shield

REMOTES

Matching LED remote for the DYN series. Available in wet/Nema 4X or food processing option. Food processing option adds a shield. Single or double lamp-head. Designed for -22°F to 122°F (-30°C to 50°C)



DYNR

Model	Heads	Application	Options
	S Single D Double	4X NEMA 4X/ IP66 Rated	Blank NEMA 4X FP Food Processing Rated with Shield



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