

AUTHENTIC LIFE SAFETY PRODUCTS SINCE 1940



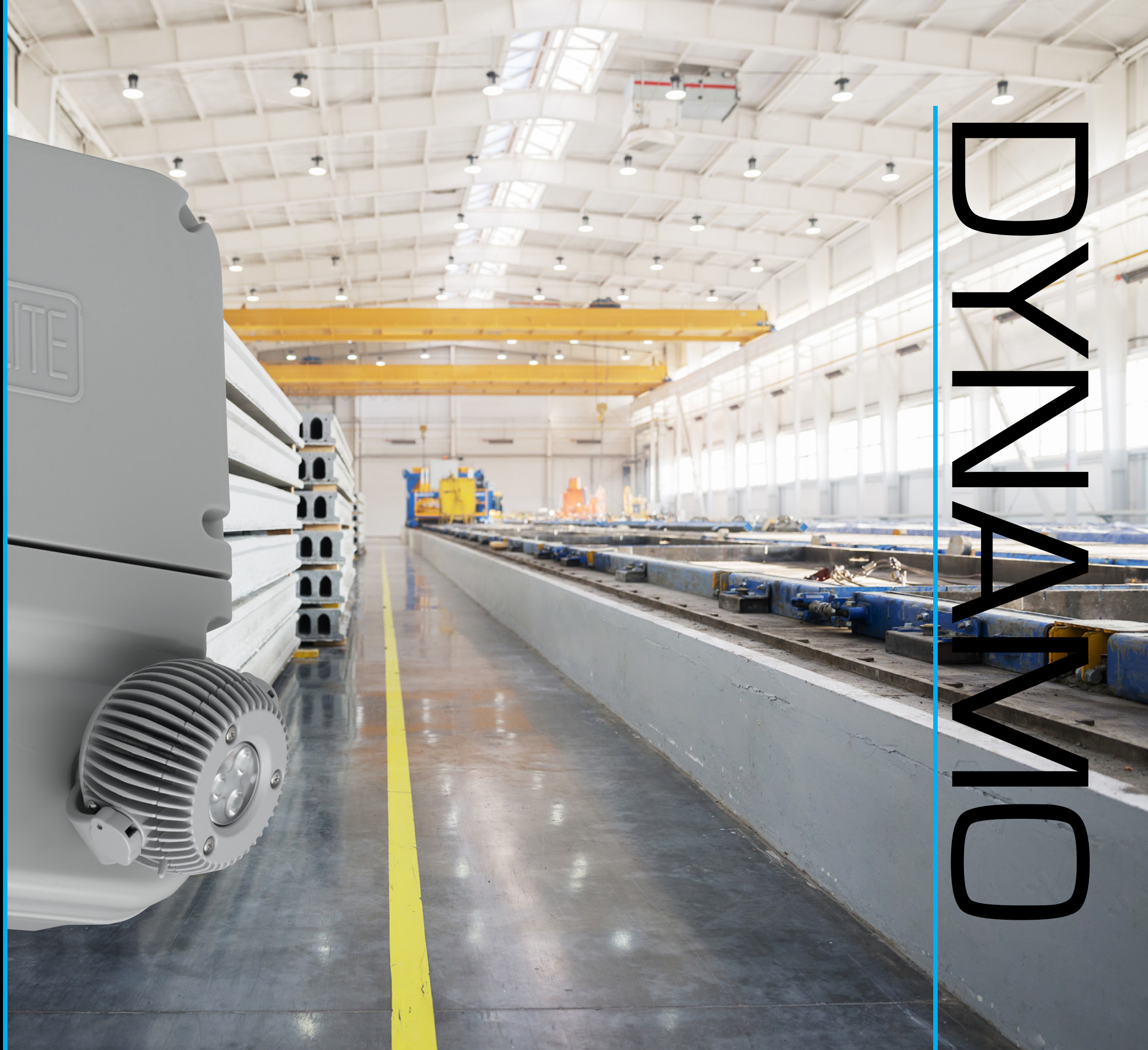
NEMA 4X C1D2/C2D1 INDUSTRIAL HIGH LUMEN LED EMERGENCY LIGHT





INNOVATIVE **LED** NEMA 4X C1D2/C2D1 Industrial Emergency Light

The **Dynamo** Series 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 Series offers continuous lumen output for the full 90 minutes required by code ensuring maximum visibility when you need it most.



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COMMON FEATURES

- Safety
- Reliability
- Versatility
- Performance

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

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

SAFETY

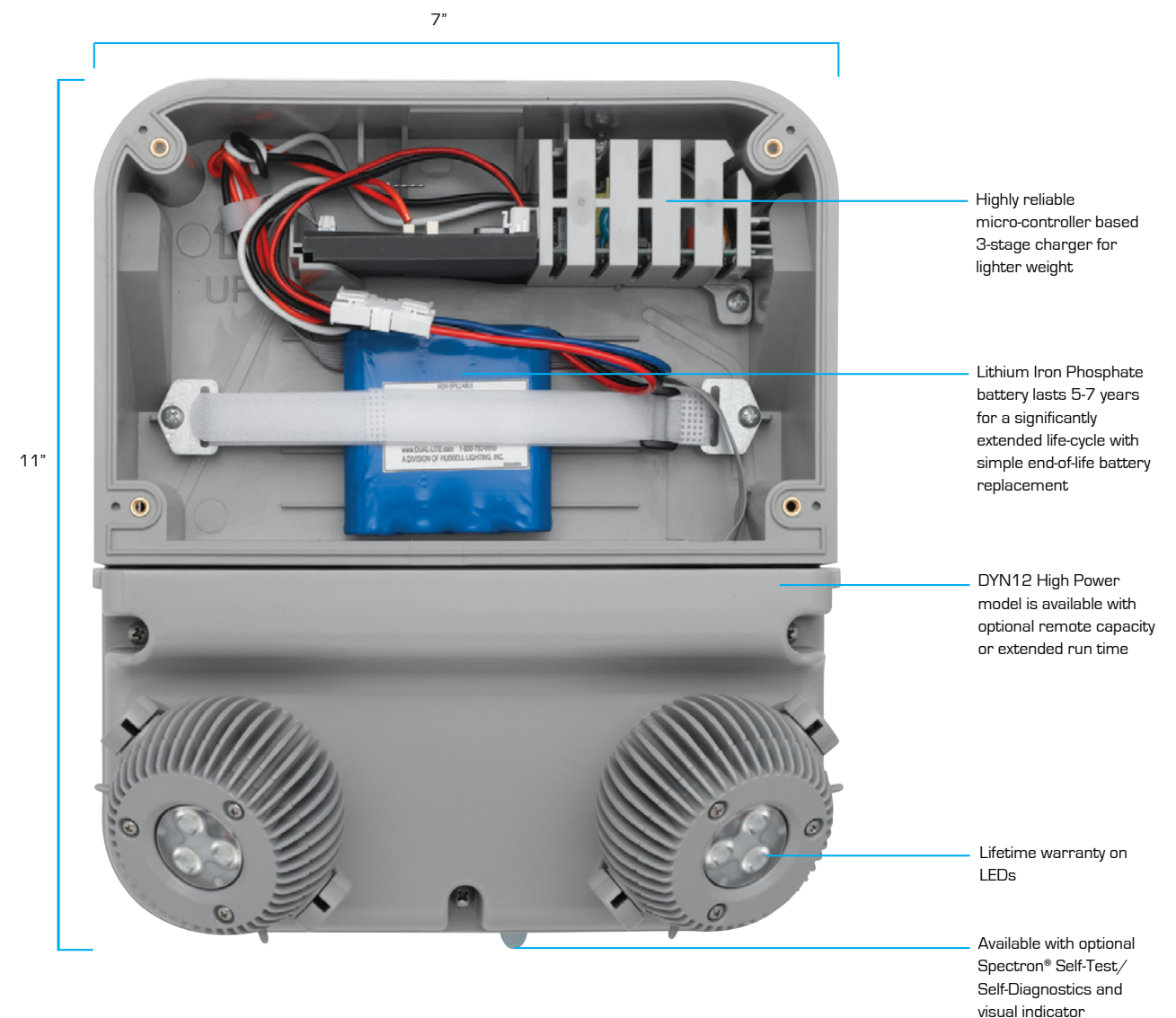
- Visual indication of battery and charger condition
- Bright and even illumination
- Full lumen output for 90 minute discharge
- Ease of code compliance

PERFORMANCE

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

RELIABILITY

The DYN Series 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.



Die-cast aluminum lamp head



Food processing shield



Spectron® Self-Test

VERSATILITY

OFFERINGS

- **HAZARDOUS LOCATION LISTED**

- 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

- **NEMA 4, 4X CERTIFIED**

- Provides a degree of protection from hose directed water, and corrosion resistance

- **FOOD PROCESSING CERTIFICATION**

- Equipment used for food preparation and storage meets applicable environmental and public health standards

- **COLD STORAGE**

- Adds a battery heater to the long-life Lithium Iron Phosphate battery for cold temperatures to -30°C

- **WET LOCATION LISTED**

- Tested to withstand water and other liquids that may drip, splash or flow on, or against the fixture



VERSATILITY

The DYN Series 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. The food processing option adds an impact resistant shield to ensure full wash-down capability.

APPLICATIONS



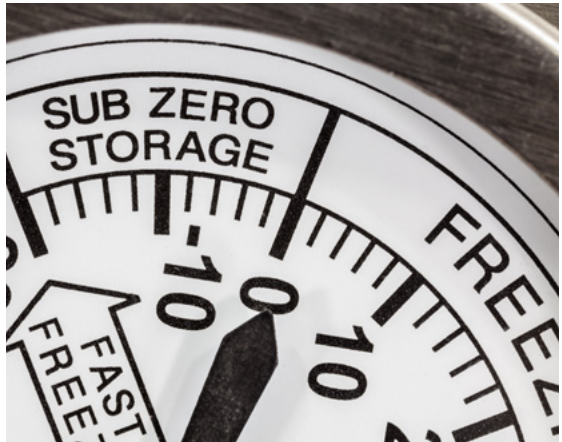
NEMA 4X OPTION

True NEMA 4X certified for hose-down applications. Uses heavier gaskets for directed and high pressure water



WET LOCATION STANDARD

Wet location listed where rain or water is present, but not directed and under pressure



COLD STORAGE OPTION

A thermal controlled heater maintains optimal temperature for the battery down to -30°C



HAZARDOUS LOCATION OPTION

Certified for use in areas that could have explosive vapors or dust



FOOD PROCESSING OPTION

Food processing certified with shield to ensure all debris is removed in hose-down environments

ORDERING GUIDE

DYN

Model	Capacity	Self-Diagnostics	Application	Lamp
	6 6 Watt ² 12 12 Watt ³	Blank Wet Location	Blank Wet Location 4X NEMA 4X/IP66 Rated FP Food Processing Rated ⁴ HTR Heater for Cold Temp ⁵ C1D2 Class 1 Div. 2 ⁶ C2D1 Class 2 Div. 1 ⁷	Blank 3 Watt LED lamps 06L 6 Watt LED lamps ¹

¹ Only available on DYN with 12 watt capacity
² DYN6 only available in the following configurations-DYN6, DYN6L, DYN6-4X, DYN6L-4X, DYN6L-4X-HTR, DYN6L-4X-FP, DYN6L-4X-HTR-FP
³ DYN12 only available in the following configurations-DYN12, DYN12L, DYN12-4X, DYN12L-4X, DYN12L-4X-FP, DYN12L-4X-HTR, DYN12L-4X-FP, DYN12L-4X-HTR-FP, DYN12L-06L, DYN12L-06L, DYN12L-4X-06L, DYN12L-4X-FP-06L, DYN12L-4X-06L, DYN12L-4X-HTR-06L, DYN12L-4X-FP-06L, DYN12L-4X-HTR-FP-06L
⁴ FP option must be ordered with 4X option. Example: DYN6L-4X-FP
⁵ HTR option only available with Spectron
⁶ C1D2 Option only available with DYN6L-C1D2, DYN12L-C1D2, and DYN12L-C1D2-06L
⁷ C2D1 Option only available with DYN6L-C2D1, DYN12L-C2D1, and DYN12L-C2D1-06L which includes shield

REMOTES

Double Head Remote Option



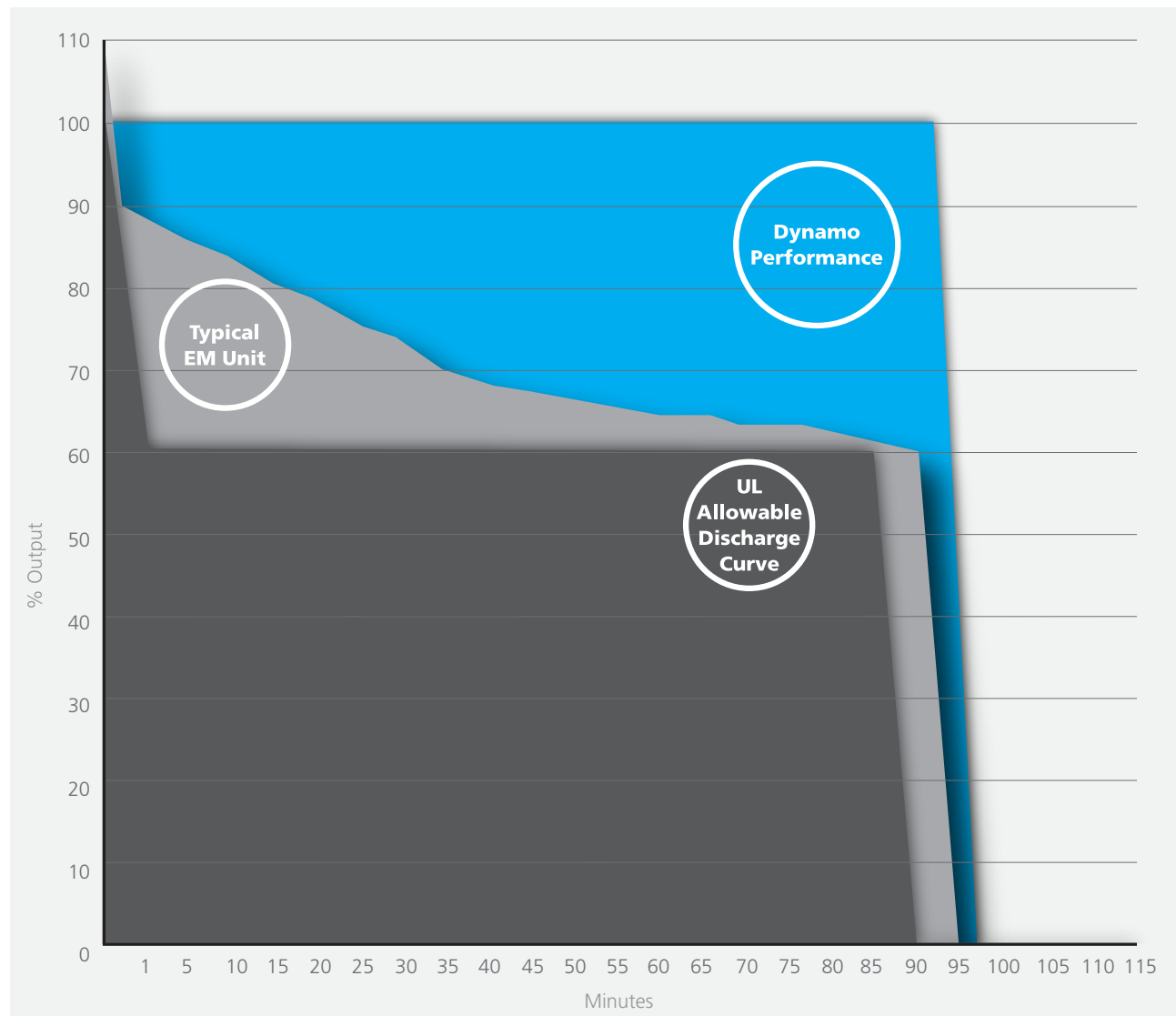
Single Head Remote Option, shown with food processing shield



SAFETY

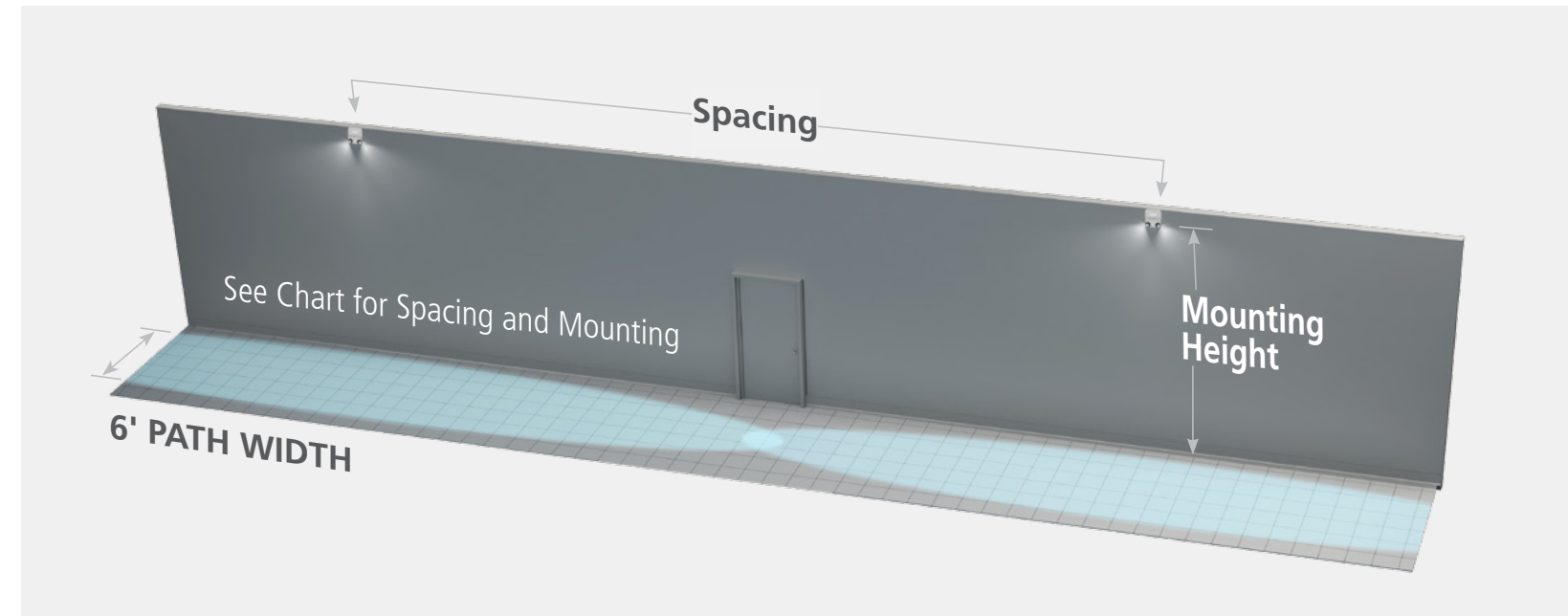
The Dynamo offers continuous light level throughout the required 90 minutes of emergency operation. This ensures maximum visibility in the most demanding environments such as heavy industrial and cold temperature required by code.

LUMEN OUTPUT



PERFORMANCE

The Dynamo Series spacing performance exceeds any Krypton, incandescent or halogen based lamp up to 50 watts. The chart below is used to obtain an estimate of the required 1 footcandle average or 1 fc minimum illumination.



	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



701 Millennium Blvd.
Greenville, SC 29607
hubbellighting.com

- ALERA LIGHTING
- ARCHITECTURAL AREA LIGHTING
- BEACON PRODUCTS
- COLUMBIA LIGHTING
- COMPASS
- DEVINE LIGHTING
- DUAL-LITE
- HUBBELL CONTROL SOLUTIONS
- HUBBELL INDUSTRIAL LIGHTING
- HUBBELL OUTDOOR LIGHTING
- KIM LIGHTING
- KURT VERSEN
- LITECONTROL
- PRECISION-PARAGON [P2]
- PRESCOLITE
- PROGRESS LIGHTING
- SPAULDING LIGHTING
- SPORTSLITER SOLUTIONS
- STERNER
- WHITEWAY

