



## Dialight® NEMA 4X Family

Technical Specification Sheet - Americas

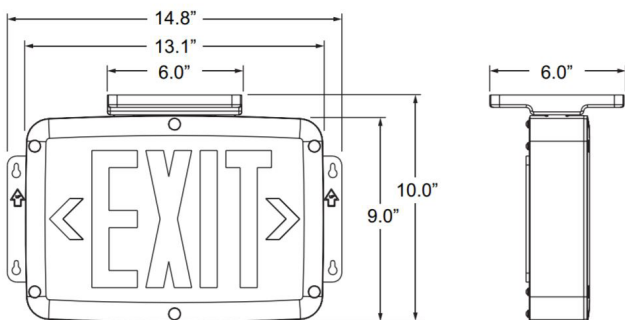
## Dialight® EXN Series - LED Exit Sign

### Technical Spec Sheet



#### Certifications & Ratings

- 5 year warranty
- UL 924 Listed for Wet Locations
- Meets NFPA 101 Life Safety Code, NEC, OSHA
- UL-EPH Classified for use in food service operations
- California Energy Commission (CEC) Title 20 Compliant
- NEMA 4X certified
- IP66 rated



#### Mechanical Information:

<b>Fixture weight:</b>	6.8 lbs *Add 0.6 lb for NiCad battery
<b>Mounting:</b>	Ceiling, end or wall mount
<b>Cable entry:</b>	Rear, end or top
<b>Battery:</b>	
<b>Battery specs:</b>	Maintenance-free NiCad battery (option)

#### Electrical Specifications:

<b>Operating voltage:</b>	120/277 VAC dual primary
<b>Operating temperature:</b>	-4°F to +122°F (-20°C to +50°C)
<b>Run time:</b>	90 Minute emergency run time, 24 hour recharge time
<b>Legend:</b>	Fully illuminated 6" characters with 3/4" stroke, red or green
<b>Test switch:</b>	Touchless, magnetically operated (battery models)

#### Construction:

<b>Housing:</b>	NEMA 4X rated polycarbonate enclosure, polycarbonate lens and stainless steel hardware
<b>Finish:</b>	Black or white

All values typical unless otherwise stated (tolerance +/- 10%)

**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

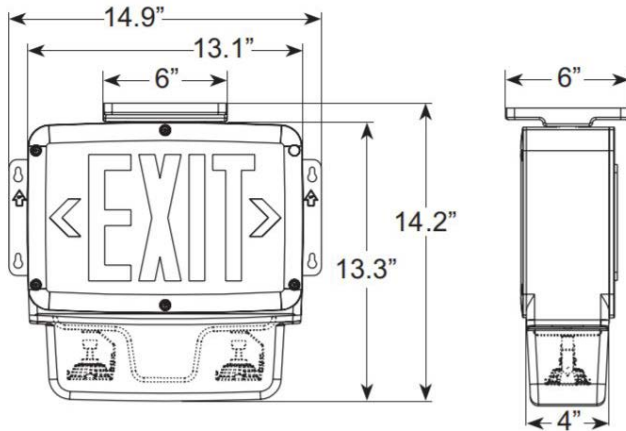
## Dialight® ECN Series - LED Combo Exit Sign

### Technical Spec Sheet



#### Certifications & Ratings

- 5 year warranty
- UL 924 Listed for Wet Locations
- Meets NFPA 101 Life Safety Code, NEC, OSHA
- UL-EPH Classified for use in food service operations
- California Energy Commission (CEC) Title 20 Compliant
- NEMA 4X certified
- IP66 rated



#### Mechanical Information:

<b>Fixture weight:</b>	13.6 lbs
<b>Mounting:</b>	Ceiling, end or wall mount
<b>Cable entry:</b>	Rear, end or top
<b>Battery:</b>	
<b>Battery specs:</b>	Maintenance-free sealed NiCad battery standard (15W)

#### Electrical Specifications:

<b>Operating voltage:</b>	120/277 VAC dual primary
<b>Operating temperature:</b>	
12W & 15W Models:	+32°F to +122°F (0°C to +50°C)
28W Models:	+50°F to +104°F (10°C to +40°C)
Cold Location Option:	-4°F to +122°F (-20°C to +50°C)
<b>Run time:</b>	90 Minute emergency run time, 24 hour recharge time
<b>Legend:</b>	Fully illuminated 6" characters with 3/4" stroke
<b>Test switch:</b>	Touchless, magnetically operated
<b>Remote compatibility:</b>	Compatible with EMN Remote Lamp

#### Construction:

<b>Housing:</b>	NEMA 4X rated polycarbonate enclosure, polycarbonate lens and stainless steel hardware
<b>Finish:</b>	Black or white

#### Photometric Information:

<b>Lamps:</b>	(2) LED MR16
<b>Lumens:</b>	219 lumens each lamp
<b>Power:</b>	3.3W each lamp

All values typical unless otherwise stated (tolerance +/- 10%)

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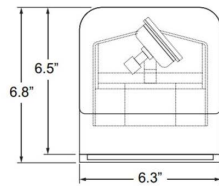
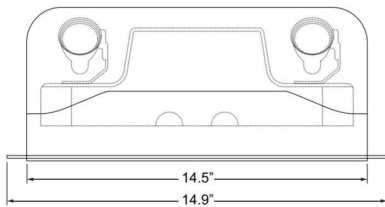
## Dialight® EMN Series - LED Emergency Unit

### Technical Spec Sheet



#### Certifications & Ratings

- 5 year warranty
- UL 924 Listed for Wet Locations
- Meets NFPA 101 Life Safety Code, NEC, OSHA
- UL-EPH Classified for use in food service operations
- California Energy Commission (CEC) Title 20 Compliant
- NEMA 4X certified
- IP66 rated



#### Mechanical Information:

<b>Fixture weight:</b>	9 lbs
<b>Mounting:</b>	Wall mount
<b>Cable entry:</b>	Rear
<b>Battery:</b>	
<b>Battery specs:</b>	Maintenance-free sealed lead calcium or NiCad battery

#### Electrical Specifications:

<b>Operating voltage:</b>	120/277 VAC dual primary
<b>Operating temperature:</b>	
12W & 15W Models:	+32°F to +122°F (0°C to +50°C)
28W Models:	+50°F to +104°F (10°C to +40°C)
Cold Location Option:	-13°F to +122°F (-25°C to +50°C)
<b>Run time:</b>	90 Minute emergency run time, 24 hour recharge time; alternate run times available - consult factory
<b>Remote compatibility:</b>	Compatible with EMN Remote Lamp

#### Construction:

<b>Housing:</b>	NEMA 4X rated polycarbonate enclosure, polycarbonate lens and stainless steel hardware
<b>Finish:</b>	Black or white

#### Photometric Information:

<b>Lamps:</b>	(2) LED MR16
<b>Lumens:</b>	219 lumens each lamp
<b>Power:</b>	3.3W each lamp

All values typical unless otherwise stated (tolerance +/- 10%)

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## Dialight® EMN Series - LED Remote Head

### Technical Spec Sheet



#### Certifications & Ratings

- 5 year warranty
- UL 924 Listed for Wet Locations
- Meets NFPA 101 Life Safety Code, NEC, OSHA
- UL-EPH Classified for use in food service operations
- NEMA 4X certified
- IP66 rated

#### Mechanical Information:

<b>Fixture weight:</b>	4.8 lbs
<b>Mounting:</b>	Ceiling or wall mount
<b>Cable entry:</b>	Rear

#### Electrical Specifications:

<b>Operating voltage:</b>	6VDC or 12VDC Remote power source (compatible with ECN or EMN units)
<b>Operating temperature:</b>	-13°F to +122°F (-25°C to +50°C)
<b>Compatibility:</b>	ECN or EMN battery units

#### Construction:

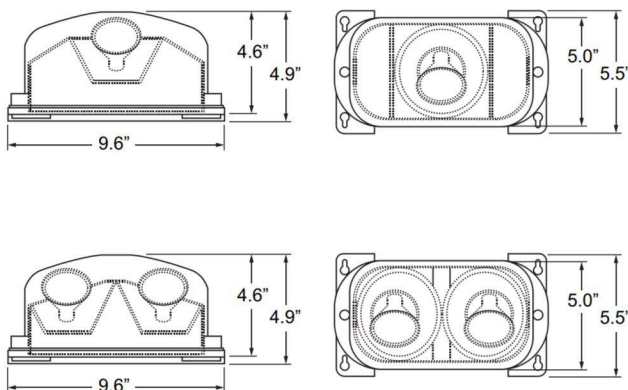
<b>Housing:</b>	NEMA 4X rated polycarbonate enclosure, polycarbonate lens and stainless steel hardware
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<b>Finish:</b>	Black or white
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#### Photometric Information:

<b>Lamps:</b>	(2) LED MR16
<b>Lumens:</b>	219 lumens each lamp
<b>Power:</b>	3.3W each lamp

All values typical unless otherwise stated (tolerance +/- 10%)



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# Dialight® NEMA 4X Family

## Ordering Information

Series	Model Number	Description
<b>LED Exit Sign</b>		
EXN Series	EXN-D-N-R-WH	Exit, Double-face, AC only, Red legend, White finish
EXN Series	EXN-D-N-R-BL	Exit, Double-face, AC only, Red legend, Black finish
EXN Series	EXN-D-F-R-WH-ST	Exit, Double-face, NiCad battery, Red legend, White finish, Self-test/Self-diagnostics
EXN Series	EXN-D-F-R-BL-ST	Exit, Double-face, NiCad battery, Red legend, Black finish, Self-test/Self-diagnostics
<b>LED Combo Exit Sign</b>		
ECN Series	ECN-S-R-12-15-WH-ST	Exit Combo, Single-face, Red legend, 12 Volt, 15 Watts, White finish, Self-test/Self-diagnostics
ECN Series	ECN-S-R-12-15-BL-ST	Exit Combo, Single-face, Red legend, 12 Volt, 15 Watts, Black finish, Self-test/Self-diagnostics
<b>LED Emergency Unit</b>		
EMN Series	EMN-12-15-WH-ST	LED Emergency Unit, 12 Volt, 15 Watts, White finish, Self-test/Self-diagnostics
EMN Series	EMN-12-15-BL-ST	LED Emergency Unit, 12 Volt, 15 Watts, Black finish, Self-test/Self-diagnostics
<b>LED Remote Head</b>		
EMN Series	EMN-R-2-WH	LED Emergency Remote Head, Double lamp, White finish
EMN Series	EMN-R-2-BL	LED Emergency Remote Head, Double lamp, Black finish

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