



Dialight® NEMA 4X Family

Technical Specification Sheet - Americas

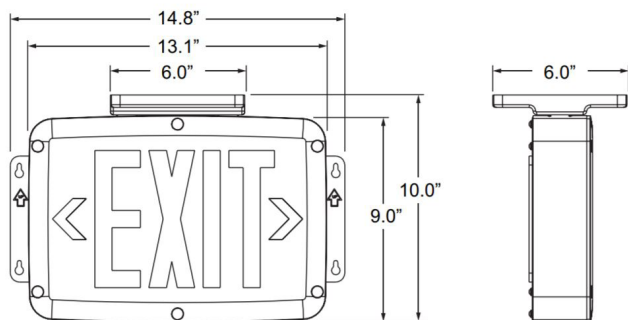
Dialight® EXN Series - LED Exit Sign

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:

Fixture weight:	6.8 lbs *Add 0.6 lb for NiCad battery
Mounting:	Ceiling or end. Wall for single-side only.
Cable entry:	Top or End. Rear for single-side only.
Battery:	
Battery specs:	Maintenance-free NiCad battery (option)

Electrical Specifications:

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

Construction:

Housing:	NEMA 4X rated polycarbonate enclosure, polycarbonate lens and stainless steel hardware
Finish:	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.

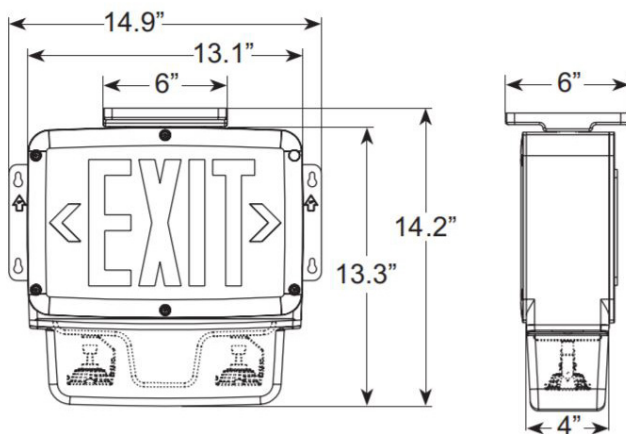
Dialight® ECN Series - LED Combo Exit Sign

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:

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

Electrical Specifications:

Operating voltage:	120/277 VAC dual primary
Operating temperature:	
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)
Run time:	90 Minute emergency run time, 24 hour recharge time
Legend:	Fully illuminated 6" characters with 3/4" stroke
Test switch:	Touchless, magnetically operated
Remote compatibility:	Compatible with EMN Remote Lamp
Construction:	
Housing:	NEMA 4X rated polycarbonate enclosure, polycarbonate lens and stainless steel hardware
Finish:	Black or white

Photometric Information:

Lamps:	(2) LED MR16
Lumens:	219 lumens each lamp
Power:	3.3W each lamp

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

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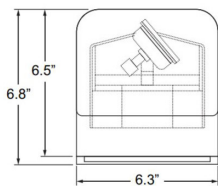
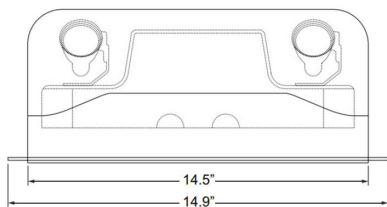
Dialight® EMN Series - LED Emergency Unit

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:

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

Electrical Specifications:

Operating voltage:	120/277 VAC dual primary
Operating temperature:	
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)
Run time:	90 Minute emergency run time, 24 hour recharge time; alternate run times available - consult factory
Remote compatibility:	Compatible with EMN Remote Lamp

Construction:

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

Photometric Information:

Lamps:	(2) LED MR16
Lumens:	219 lumens each lamp
Power:	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:

Fixture weight:	4.8 lbs
Mounting:	Ceiling or wall mount
Cable entry:	Rear

Electrical Specifications:

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

Construction:

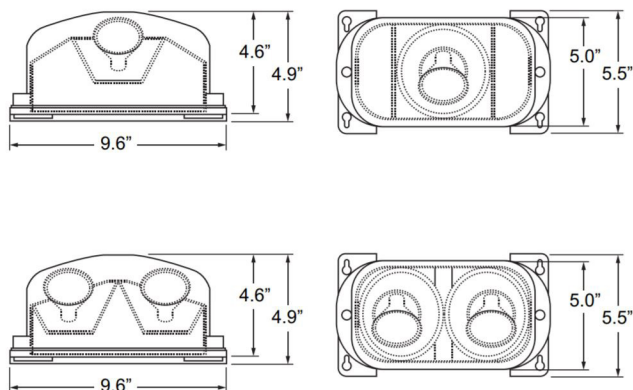
Housing:	NEMA 4X rated polycarbonate enclosure, polycarbonate lens and stainless steel hardware
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Finish:	Black or white
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Photometric Information:

Lamps:	(2) LED MR16
Lumens:	219 lumens each lamp
Power:	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
LED Exit Sign		
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-S-N-R-WH	Exit, Single-face, AC only, Red legend, White finish
EXN Series	EXN-S-N-R-BL	Exit, Single-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
LED Combo Exit Sign		
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
LED Emergency Unit		
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
LED Remote Head		
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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WARNING / DISCLAIMERS:

Installation & secondary retention. The use of this product 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) as applicable. Dialight products are intended for ultimate purchase, installation and operation by knowledgeable persons trained in the functional assessment, installation, use and maintenance of such products and all customers (including but not limited to end customers) are responsible for assessing the suitability of Dialight products for any given installation requirement. 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 as appropriate) and in compliance with all applicable laws and regulations.

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