



FIREScapeNepto

Emergency Lighting System



PRODUCT SPECIFICATIONS
JAN23

N20-3

Exit Sign Frame - 20m Viewing Distance

Features

- ▶ Complies with BS5266 for 20m viewing and 3 hour duration
- ▶ Range of directional lenses with ISO7010 legends (sold separately)
- ▶ Long-life NiMH battery technology
- ▶ Choice of two fixing angles (ceiling or wall mounted)
- ▶ Robust design.



Frames and lenses sold separately

Description

The N20-3 is an exit sign frame that can accept a range of directional lenses (sold separately) designed to be viewed from a distance of up to 20m.

The frame contains an integral long-life NiMH battery which complies with BS 5266 in regards to providing 3 hours of illumination.

The frame can be configured for for fixing either to the ceiling or a wall and twist-fits to Hochiki's standard mounting base, the YBN-R/3(WHT)

Technical information

Ordering Code	N20-3
Input voltage [VDC]	24 – 40
Input voltage [VAC]	24 – 40
Average power consumption from the line (fully charged battery) [W] ¹⁾	0.25
Maximum power consumption from the line (31 V) [mA] ¹⁾	12.9
Luminance [cd/m ²] (green/white) ¹⁾	11 / 80 (SGR) 9 / 37 (GR)
Luminance active mode [cd/m ²] (green/white)	11 / 80 (SGR) 9 / 37 (GR)
Power consumption from the line (31 V), panel in sleep mode [mA]	1.3
NiMH battery [V] / [mAh]	1.2/1900
Battery charge time 100% [h]	12/24
Standby time light on [h]	6.0
Fully charged battery voltage [V]	1.6
Discharged battery voltage	0.8
Dimensions (width x height x depth) [mm] including base	
Wall mounted	195 x 173 x 61
Ceiling mounted	195 x 172 x 99
IP-class ²⁾	55
Operating Temperature ³⁾	-25 - +40 °C
Material	PC+ABS, fire resistant
Colour	White
Fire class	UL94 V-0
¹⁾ Default brightness 4 ²⁾ With separate sealing N-IP-GASKET ³⁾ Battery life shortens with higher temperature. At temperatures above +30°C battery life shortens to 1/3 with every increase of 10°C. Temperatures <25°C.	



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N40-3

Exit Sign Frame - 40m Viewing Distance

Features

- ▶ Complies with BS5266 for 40m viewing and 3 hour duration
- ▶ Range of directional lenses with ISO7010 legends (sold separately)
- ▶ Long-life NiMH battery technology
- ▶ Choice of two fixing angles (ceiling or wall mounted)
- ▶ Robust design.



Frames and lenses sold separately

Description

The N40-3 is an exit sign frame that can accept a range of directional lenses (sold separately) designed to be viewed from a distance of up to 40 m.

The frame contains an integral long-life NiMH battery which complies with BS 5266 in regards to providing 3 hours of illumination.

The frame can be configured for for fixing either to the ceiling or a wall and twist-fits to Hochiki's standard mounting base, the YBN-R/3(WHT)

Technical information

Ordering Code	N40-3
Input voltage [VDC]	24 – 40
Input voltage [VAC]	24 – 40
Average power consumption from the line (fully charged battery) [W] ¹⁾	0.53
Maximum power consumption from the line (31V) [mA] ¹⁾	23.4
Luminance [cd/m ²] (green/white) 1)	11 / 80 (SGR) 8 / 28 (GR)
Luminance active mode [cd/m ²] (green/white)	11 / 80 (SGR) 8 / 28 (GR)
Power consumption from the line (31V), panel in sleep mode [mA]	1.3
NiMH battery [V] / [mAh]	1.2/1900
Battery charge time 100% [h]	12/24
Standby time light on [h]	3
Fully charged battery voltage [V]	1.6
Discharged battery voltage	0.8
Dimensions (width x height x depth) [mm] including base	
Wall mounted	322 x 270 x 60
Ceiling mounted	322 x 268 x 99
IP-class ²⁾	55
Operation Temperature ³⁾	-25 - +40 °C
Material	PC+ABS, fire resistant
Colour	White
Fire class	UL94 V-0
¹⁾ Default brightness 4 ²⁾ With separate sealing N-IP-GASKET ³⁾ Battery life shortens with higher temperature. At temperatures above +30°C battery life shortens to 1/3 with every increase of 10°C. Temperatures <25°C	



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N89-C

High-Powered Corridor/Escape Route Luminaire

Features

- ▶ High Powered LED Technology
- ▶ Fixes to standard Hochiki base YBN-R/3(WHT) (sold seperately)
- ▶ Integral Li-ion long life battery
- ▶ Complies with BS 5266 required 3 hour duration



Description

N89-C is an addressable high-powered emergency lighting luminaire featuring long-life NiMH batteries and the latest LED technology. The lens casts a rectangular pattern of light, to illuminate corridors and escape routes and this high-powered model can be fitted up to ceilings up to 9 metres high.

The unit requires just one pair of cables, that supply both energy and data and is installed onto Hochiki's standard mounting base, the YBN-R/3(WHT) with its twist-fit, bayonet fixings.

Technical information

Ordering Code	N89-C, rectangular-shaped illumination area, for 1-3 hour duration.
Input voltage [VDC]	24 – 40
Input voltage [VAC]	24 – 40
Average power consumption from the line (fully charged battery) [W] ¹⁾	0.08
Maximum power consumption from the line (31 V) [mA] ¹⁾	16.5
Active state light [lx] (lm/m2). A = 1m x 12m	>1
Power consumption from the line (31 V), panel in sleep mode [mA]	2.5
Li-ion battery [V] / [mAh]	8.4/2750
Battery charge time 100% [h]	12/24
Standby time light on [h]	3
Fully charged battery voltage [V]	8.4
Discharged battery voltage	6.4
Dimensions (width x height x depth) [mm] including base	99.4 x 53.6
IP-class ²⁾	55
Operating Temperature ³⁾	-25 °C to +40 °C
Material	Al
Colour	White
Fire class	UL94 V-0
<p>1) Default brightness 0 2) With separate sealing N-IP-GASKET 3) Battery capacity decreases with temperature.</p>	



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N89-O

High-Powered Open Area Luminaire

Features

- ▶ High Powered LED Technology
- ▶ Fixes to standard Hochiki base YBN-R/3(WHT) (sold separately)
- ▶ Integral Li-ion long life battery
- ▶ Complies with BS 5266 required 3 hour duration



Description

N89-O3 is an addressable high-powered emergency lighting luminaire featuring long-life Li-ion batteries and the latest LED technology. The lens casts a circular pattern of light, to illuminate open areas, and this high-powered model can be fitted up to ceilings up to 9 metres high.

The unit requires just one pair of cables, that supply both power and data and is installed onto Hochiki's standard mounting base, the YBN-R/3(WHT) with its twist-fit, bayonet fixings.

Technical information

Ordering Code	N89-O, circular-shaped illumination area, for 1-3 hour duration.
Input voltage [VDC]	24 – 40
Input voltage [VAC]	24 – 40
Average power consumption from the line (fully charged battery) [W] ¹⁾	0.08
Maximum power consumption from the line (31 V) [mA] ¹⁾	16.5
Active state light [lx] (lm/m ²). A = 1m x 12m	>1
Power consumption from the line (31 V), panel in sleep mode [mA]	2.5
Li-ion battery [V] / [mAh]	8.4/2750
Battery charge time 100% [h]	12/24
Standby time light on [h]	3
Fully charged battery voltage [V]	8.4
Discharged battery voltage	6.4
Dimensions (width x height x depth) [mm] including base	99.4 x 53.6
IP-class ²⁾	55
Operating Temperature ³⁾	-25 - +40 °C
Material	Al
Colour	White
Fire class	UL94 V-0
<p>1) Default brightness 0 2) With separate sealing N-IP-GASKET 3) Battery capacity decreases with temperature.</p>	



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N89R-C

High-Powered Corridor/Escape Route Recessed Luminaire

Features

- ▶ Rectangular light pattern
- ▶ Comes with pre-assembled sprung fixing
- ▶ Suitable for a maximum ceiling thickness of 25 mm
- ▶ Complies with BS 5266 required 3 hour duration
- ▶ Sturdy construction, easy to install



Description

N89R-C is an addressable high-powered emergency lighting luminaire featuring long-life Li-ion batteries and the latest LED technology. The lens casts a rectangular pattern of light, to illuminate corridors and escape routes and this high-powered model can be fitted to high ceilings or within high risk areas.

The unit requires just one pair of cables, that supply both energy and data.

Technical information

Ordering Code	N89R-C, rectangular-shaped illumination area, for 1-3 hour duration. NOTE: A Li-ion/2900 battery is required (sold separately).
Input voltage [VDC]	24 – 40
Input voltage [VAC]	24 – 40
Average power consumption from the line (fully charged battery) [W] ¹⁾	0.08
Maximum power consumption from the line (31 V) [mA] ¹⁾	16.5
Active state light [lx] (lm/m ²). A = 1 m x 12 m	>1
Luminance active mode [cd/m ²] (green/white)	11 / 80 (SGR) 8 / 28 (GR)
Power consumption from the line (31 V), panel in sleep mode [mA]	2.5
Li-ion battery [V] / [mAh]	8.4/2750
Battery charge time 100% [h]	12/24
Standby time light on [h]	3
Fully charged battery voltage [V]	8.4
Discharged battery voltage	6.4
Dimensions (width x height x depth) [mm] including base	90 x 43
Dimensions for mounting box (width x height x depth) [mm]	120 x 23.5 x 66
Fitting Hole diameter	76 mm
IP-class ²⁾	55
Operation Temperature ³⁾	-25 - +40 °C
Material	PC+ABS, fire resistant
Colour	White
Fire class	UL94 V-0



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N89R-O

High-Powered Open Area Recessed Luminaire

Features

- ▶ Open area light pattern
- ▶ Comes with pre-assembled sprung fixing
- ▶ Suitable for a maximum ceiling thickness of 25 mm
- ▶ Complies with BS 5266 required 3 hour duration
- ▶ Sturdy construction, easy to install



Description

N89R-O3 is an addressable emergency lighting luminaire featuring long-life NiMH batteries and the latest LED technology. The lens casts a circular pattern of light, to illuminate open areas and this high-powered model can be fitted to high ceilings or within high risk areas.

The unit requires just one pair of cables, that supply both energy and data.

Technical information

Ordering Code	N89R-O, circular-shaped illumination area, for 1-3 hour duration NOTE: A Li-ion/2900 battery is required (sold separately).
Input voltage [VDC]	24 – 40
Input voltage [VAC]	24 – 40
Average power consumption from the line (fully charged battery) [W] ¹⁾	0.08
Maximum power consumption from the line (31 V) [mA] ¹⁾	16.5
Active state light [lx] (lm/m ²). A = 1 m x 12 m	>1
Luminance active mode [cd/m ²] (green/white)	11 / 80 (SGR) 8 / 28 (GR)
Power consumption from the line (31 V), panel in sleep mode [mA]	2.5
Li-ion battery [V] / [mAh]	8.4/2750
Battery charge time 100% [h]	12/24
Standby time light on [h]	3
Fully charged battery voltage [V]	8.4
Discharged battery voltage	6.4
Dimensions (width x height x depth) [mm] including base	90 x 43
Dimensions for mounting box (width x height x depth) [mm]	120 x 23.5 x 66
Fitting Hole diameter	76 mm
IP-class ²⁾	55
Operation Temperature ³⁾	-25 - +40 °C
Material	PC+ABS, fire resistant
Colour	White
Fire class	UL94 V-0



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N68R-O-3

Open Area Recessed Luminaire

Features

- ▶ Open area light pattern
- ▶ Comes with pre-assembled sprung fixing
- ▶ Suitable for a maximum ceiling thickness of 25 mm
- ▶ Sturdy construction, easy to install
- ▶ Long-life NiMH battery technology, high performance in cold environments



Description

N68R-O-3 is an addressable emergency lighting luminaire featuring long-life NiMH batteries and the latest LED technology. The lens casts a circular pattern of light, to illuminate open areas.

The unit requires just one pair of cables, that supply both energy and data.

Technical information

Ordering Code	N68R-O-3 NOTE: An additional battery pack (N-BP-4000) is required (sold separately).
Input voltage [VDC]	24 – 40
Input voltage [VAC]	24 – 40
Average power consumption from the line (fully charged battery) [W] ¹⁾	0.04
Maximum power consumption from the line (31 V) [mA] ¹⁾	6.1
Active state light [lx] (lm/m ²). A = 1 m x 12 m	>1
Power consumption from the line (31 V), panel in sleep mode [mA]	1.3
NiMH battery [V] / [mAh]	1.2/1900
Battery charge time 100% [h]	12/24
Standby time light on [h]	3
Fully charged battery voltage [V]	1.6
Discharged battery voltage	0.8
Dimensions (diameter x height) [mm]	90 x 43
Fitting Hole diameter	76 mm
IP-class ²⁾	20
Operation Temperature ³⁾	-25 - +40 °C
Material	PC+ABS, fire resistant
Colour	White
Fire class	UL94 V-0
¹⁾ Default brightness 0 ²⁾ Only conditions where RH <95% ³⁾ Battery life shortens with higher temperature. At temperatures above +30°C battery life shortens to 1/3 with every increase of 10°C	



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N68R-C-3

Corridor/Escape Route Recessed Luminaire

Features

- ▶ Rectangular light pattern
- ▶ Comes with pre-assembled sprung fixing
- ▶ Suitable for a maximum ceiling thickness of 25 mm
- ▶ Sturdy construction, easy to install
- ▶ Long-life NiMH battery technology, high performance in cold environments



Description

N68R-C-3 is an addressable emergency lighting luminaire featuring long-life NiMH batteries and the latest LED technology. The lens casts a rectangular pattern of light, to illuminate corridors and escape routes.

The unit requires just one pair of cables, that supply both power and data.

Technical information

Ordering Code	N68R-C-3 NOTE: An additional battery pack (N-BP-4000) is required (sold separately).
Input voltage [VDC]	24 – 40
Input voltage [VAC]	24 – 40
Average power consumption from the line (fully charged battery) [W] ¹⁾	0.04
Maximum power consumption from the line (31 V) [mA] ¹⁾	6.1
Active state light [lx] (lm/m ²). A = 1 m x 12 m	>1
Power consumption from the line (31 V), panel in sleep mode [mA]	1.3
NiMH battery [V] / [mAh]	1.2/1900
Battery charge time 100% [h]	12/24
Standby time light on [h]	3
Fully charged battery voltage [V]	1.6
Discharged battery voltage	0.8
Dimensions (diameter x height) [mm]	90 x 43
Fitting Hole diameter	76 mm
IP-class ²⁾	20
Operation Temperature ³⁾	-25 - +40 °C
Material	PC+ABS, fire resistant
Colour	White
Fire class	UL94 V-0
¹⁾ Default brightness 0 ²⁾ Only conditions where RH <95% ³⁾ Battery life shortens with higher temperature. At temperatures above +30°C battery life shortens to 1/3 with every increase of 10°C.	



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N68-C-3

Corridor/Escape Route Luminaire

Features

- ▶ Complies with BS5266
- ▶ LED technology
- ▶ Integral stand-by batteries
- ▶ Fixes easily to standard Hochiki base (YBN-R/3(WHT))
- ▶ Long-life NiMH battery technology, high performance in cold environments



Description

N68-C-3 is an addressable emergency lighting luminaire featuring long-life NiMH batteries and the latest LED technology. The lens casts a rectangular pattern of light, to illuminate corridors and escape routes.

The unit requires just one pair of cables, that supply both power and data and is installed onto Hochiki's standard mounting base, the YBN-R/3(WHT) with its twist-fit, bayonet fixings.

Technical information

Ordering Code	N68-C-3
Input voltage [VDC]	24 – 40
Input voltage [VAC]	24 – 40
Average power consumption from the line (fully charged battery) [W] ¹⁾	0.04
Maximum power consumption from the line (31 V) [mA] ¹⁾	6.1
Active state light [lx] (lm/m ²). A = 1 m x 12 m	>1
Power consumption from the line (31 V), panel in sleep mode [mA]	1.3
NiMH battery [V] / [mAh]	1.2/1900
Battery charge time 100% [h]	12/24
Standby time light on [h]	3
Fully charged battery voltage [V]	1.6
Discharged battery voltage	0.8
Dimensions (width x height x depth) [mm] including base	99.7 x 48
IP-class ²⁾	55
Operation Temperature ³⁾	-25 - +40 °C
Material	PC+ABS, fire resistant
Colour	White
Fire class	UL94 V-0
¹⁾ Default brightness 0 ²⁾ With separate sealing N-IP-GASKET ³⁾ Battery life shortens with higher temperature. At temperatures above +30°C battery life shortens to 1/3 with every increase of 10°C.	



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N68-O-3

Open Area Luminaire

Features

- ▶ Complies with BS5266
- ▶ LED technology
- ▶ Integral stand-by batteries
- ▶ Fixes easily to standard Hochiki base (YBN-R/3(WHT))
- ▶ Long-life NiMH battery technology, high performance in cold environments



Description

N68-O-3 is an addressable emergency lighting luminaire featuring long-life NiMH batteries and the latest LED technology. The lens casts a circular pattern of light, to illuminate open areas.

The unit requires just one pair of cables, that supply both power and data and is installed onto Hochiki's standard mounting base, the YBN-R/3(WHT) with its twist-fit, bayonet fixings.

Technical information

Ordering Code	N68-O-3
Input voltage [VDC]	24 – 40
Input voltage [VAC]	24 – 40
Average power consumption from the line (fully charged battery) [W] ¹⁾	0.04
Maximum power consumption from the line (31 V) [mA] ¹⁾	6.1
Active state light [lx] (lm/m ²). A = 1 m x 12 m	>1
Power consumption from the line (31 V), panel in sleep mode [mA]	1.3
NiMH battery [V] / [mAh]	1.2/1900
Battery charge time 100% [h]	12/24
Standby time light on [h]	3
Fully charged battery voltage [V]	1.6
Discharged battery voltage	0.8
Dimensions (width x height x depth) [mm] including base	99.7 x 48
IP-class ²⁾	55
Operation Temperature ³⁾	-25 - +40 °C
Material	PC+ABS, fire resistant
Colour	White
Fire class	UL94 V-0
¹⁾ Default brightness 0 ²⁾ With separate sealing N-IP-GASKET ³⁾ Battery life shortens with higher temperature. At temperatures above +30°C battery life shortens to 1/3 with every increase of 10°C.	



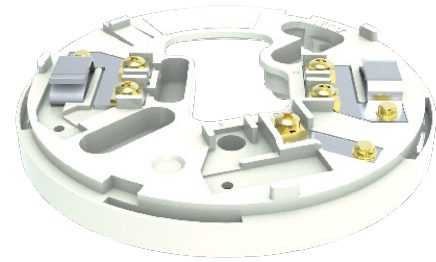
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YBN-R/3(WHT)

Common Mounting Base

Features

- ▶ Electronics free
- ▶ Stainless steel contacts
- ▶ Takes 2.5mm² cables
- ▶ Slim profile - only 8mm
- ▶ Rugged wiring contacts
- ▶ Quick Connection via square cable clamps



Description

Model YBN-R/3(WHT) is a Common Mounting Base, which is compatible with the Nepto range of emergency lighting luminaires and exit signs.

It is supplied with square cable clamps for secure and reliable cable termination

Technical information

Ordering Code	YBN-R/3(WHT)
Operating temperature range	-10 °C to +50 °C
Storage temperature range	-30 °C to +70 °C
Maximum humidity	95% RH - Non-condensing (at 40 °C)
Colour / Case material	White / ABS
Fixing centres (mm)	48 ~74
Maximum wire thickness	2.5 mm 2 cables
Weight (g) / Dimensions (mm)	50 / Ø 100 x H 8
Ingress Protection Rating	IP20



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