



# Electric 48 V NSHE (OPEN/ CLOSE) for basic and plus arcade rooflights Data sheet

Premium NSHE with integral ventilation function



Daylighting Solutions  
Natural Ventilation Solutions  
Smoke Management Solutions  
Service & Maintenance  
Building Automation

# Application

In addition to its primary SHE function, the electric 48 V NSHE also offers the option of natural aeration and ventilation without the need for an additional ventilation drive. In addition to this, it is also possible to raise snow loads of up to 3,000 N/m<sup>2</sup>.

## Application areas

- up to a maximum roof pitch of 15° (greater pitches available on request)
- basic and plus arcade rooflights with apex vents (double flaps available on request)
- qualified smoke and heat extraction

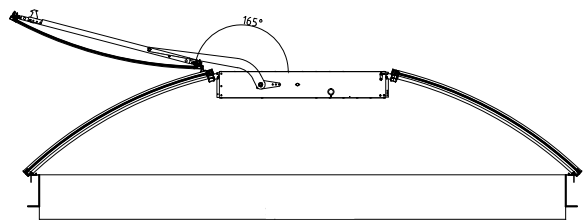
## Features and benefits

- designed to cope with heavy snow loads
- new opening concept
- convenient opening and closing after activation or in the event of a false alarm
- modern control concept using LON BUS technology
- closed design which meets all installation requirements
- ventilation function possible without the need for additional opening unit
- high  $A_o$  values possible (up to 3.93 m<sup>2</sup> with double flap 3.12 x 2.00 m on request)
- checked and certified to EN 12101-2



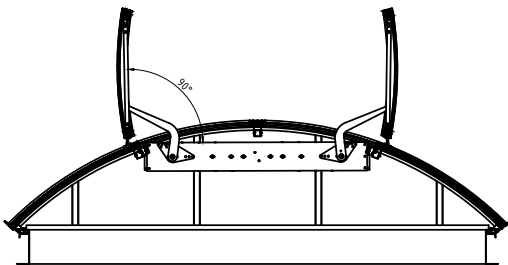
# Technical specifications

Standard



Cross section of ridge flap with 48 V NSHE OPEN/CLOSE

On request



Cross section of double flap with 48 V NSHE OPEN/CLOSE

Apex vent size [mm]	Snow load SL [N/m²]	Compatible with arcade rooflight from span width [m]
870 x 2,060	1,500	1.00
870 x 1,000	2,000	1.00
1,370 x 2,060	1,000	1.55
1,370 x 1,000	1,500	1.55
1,670 x 2,060	500	1.80
1,670 x 1,000	1,000	1.80

Double flap size [mm]	Snow load SL [N/m²]	Compatible with arcade rooflight from span width [m]
1,000 x 2,000	3,000	2.20
2,060 x 2,000	1,500	2.20
3,120 x 2,000	1,000	2.20
1,000 x 2,500	2,250	2.70
2,060 x 2,500	1,250	2.70

Technical specifications	
Wind load (WL)	WL 1,500
Snow load (SL)	SL 500 - 3,000 N/m²
Functional reliability ventilation (Re)	Re 10,000
Functional reliability SHE (Re)	Re 1,000
Opening at low temperatures	up to T (-05)
Heat resistance	B 300-E
Opening angle	165° (±5°)

Special design, please ask for details.

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## INTERNATIONAL

**Kingspan Light + Air**

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Illustrations are not binding.

