

ESSMANN® SHE for Arcade Rooflights Type F 6



Product Description

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Available sizes						
Span width of the arcade rooflight in m	A _g + A _a values in m ² for SHE single flaps with corner training walls (CTW)					
	Flap size Width x Length in m	Geometric access face m ²	A _a values in m ² 170°	Flap size Width x Length in m	Geometric access face m ²	A _a values in m ² 170°
1.00 /	1.00 x 1.00	1.0	0.750	1.00 x 2.00	2.0	1.500
1.10 /	1.10 x 1.00	1.1	0.825	1.10 x 2.00	2.2	1.600
1.20 /	1.20 x 1.00	1.2	0.900	1.20 x 2.00	2.4	1.800
1.30 /	1.30 x 1.00	1.3	0.975	1.30 x 2.00	2.6	1.950
1.40 /	1.40 x 1.00	1.4	1.050	1.40 x 2.00	2.8	2.100
1.50 /	1.50 x 1.00	1.5	1.125	1.50 x 2.00	3.0	2.250
1.60 /	1.60 x 1.00	1.6	1.200	1.60 x 2.00	3.2	2.240
1.70 /	1.70 x 1.00	1.7	1.275	1.70 x 2.00	3.4	2.380
1.80 /	1.80 x 1.00	1.8	1.350	1.80 x 2.00	3.6	2.520
1.90 /	1.90 x 1.00	1.9	1.425	1.90 x 2.00	3.8	2.660
2.00 /	2.00 x 1.00	2.0	1.500	2.00 x 2.00	4.0	2.800 (3.000)
2.10 /	2.10 x 1.00	2.1	1.575	2.10 x 2.00	4.2	2.730 (3.150)
2.20 /	2.20 x 1.00	2.2	1.650	2.20 x 2.00	4.4	2.860 (3.300)
2.30 /	2.30 x 1.00	2.3	1.725	2.30 x 2.00	4.6	2.990 (3.450)
2.40 /	2.40 x 1.00	2.4	1.800	2.40 x 2.00	4.8	3.120 (3.600)
2.50 /	2.50 x 1.00	2.5	1.875	2.50 x 2.00	5.0	3.250 (3.750)
2.51 /	2.50 x 1.00	2.5	1.750	2.50 x 2.00	5.0	3.500
2.60 /	2.50 x 1.00	2.5	1.750	2.50 x 2.00	5.0	3.250
2.70 /	2.50 x 1.00	2.5	1.750	2.50 x 2.00	5.0	3.250
2.80 /	2.50 x 1.00	2.5	1.750	2.50 x 2.00	5.0	3.250
2.90 /	2.50 x 1.00	2.5	1.750	2.50 x 2.00	5.0	3.250
3.00 /	2.50 x 1.00	2.5	1.750	2.50 x 2.00	5.0	3.250

A_a + A_g values remain the same for span widths of more than 3.00 m.

No building authority approval for span widths of more than 6.00 m (arched arcade rooflights) or 5.00 m (saddle arcade rooflights).

ESSMANN arcade rooflights comprise a self-supporting frame structure made of thermally separated aluminium sections and opal-coloured double glazed polycarbonate with no thermal residual strain, and perform three functions in a single component:

1. **Natural daylight illumination in rooms**
2. **Daily aeration and ventilation**
3. **Fire prevention as a smoke and heat extraction system (SHE)**

The arcade rooflights can be mounted on ESSMANN surface-mounted bases or self-supporting bases made of galvanised sheet steel or on existing roof bases. The SHE is activated automatically at a temperature of 70°C/90°C or manually on emergency release boxes.

Complies with European directives according to DIN EN 12101-2.

Further information can be found at www.essmann.de

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