Block GMIX

The GMIX block distributes heat flux and beam and diffuse radiation over six walls.



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Inputs

1 Heat flux (excluding radiation) / W
2 Beam radiation / W
3 Diffuse radiation / W
4 Deviation from normal azimuth / degrees
5 Effective elevation / degrees

Outputs

1 Global heat flux to opposing wall / $\mathrm{W\,m^{-2}}$
2 Global heat flux to right wall / $\mathrm{W\,m^{-2}}$
3 Global heat flux to self / $\mathrm{W\,m^{-2}}$
4 Global heat flux to left wall / $\mathrm{W\,m^{-2}}$
5 Global heat flux to floor / $\mathrm{W\,m^{-2}}$
6 Global heat flux to ceiling / $\mathrm{W\,m^{-2}}$

Parameters

1 Width of wall through which heat flux enters / m
2 Distance to opposing wall / m
3 Room height / m
4 x-coordinate of lower left glas corner

5	y-coordinate of lower left glas corner
6	Glas width / m
7	Glas height / m

Strings

None